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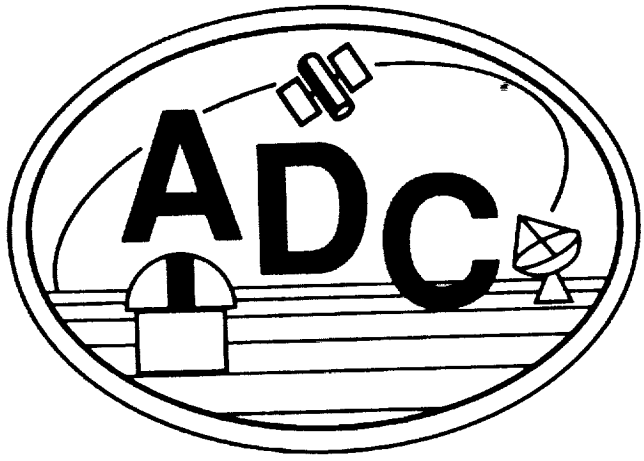
Cordoba Durchmusterung

Volume IV



(NASA-RP-1299-Vol-4) CORDOBA
DURCHMUSTERUNG, VOLUME 4 (NASA)
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Errata

The series of NASA Reference Publications numbered RP 1297 through 1300 has been printed without the final page of tabular information in each volume. The series consists of the following titles:

Document	Title	Volume	Pg. missing
RP 1297	*Bonner Durchmusterung*	Volume I	p. 457
		Volume II	p. 447
RP 1298	*Bonner Durchmusterung (Southern Durchmusterung)*	Volume III	p. 375
RP 1299	*Cordoba Durchmusterung*	Volume I	p. 446
		Volume II	p. 415
		Volume III	p. 424
		Volume IV	p. 423
RP 1300	*Cape Photographic Durchmusterung*	Volume I	p. 424
		Volume II	p. 440
		Volume III	p. 401

Please insert these pages in all copies of the series. We regret any inconvenience this has caused.

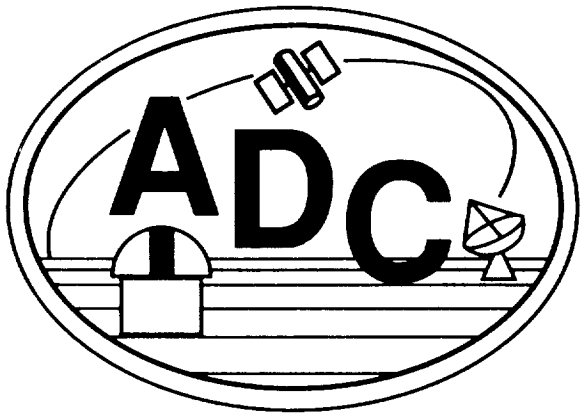
NASA Reference Publication 1299, Vol. IV

1993

Cordoba Durchmusterung

Volume IV

Compiled by
Astronomical Data Center,
National Space Science Data Center
Goddard Space Flight Center
Greenbelt, Maryland



NASA
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Scientific and Technical Information Program

Cordoba Durchmusterung Volume IV

1 Introduction

The "Cordoba Durchmusterung" (CD, Thome 1892-1932) is a visual survey of southern stars in the declination zones -22 to -89 deg, carried out as an extension to the "Bonner Durchmusterung" (BD) catalogs of Argelander (1859-1862) (see also Kuestner 1903) and Schoenfeld (1886). The survey was performed using techniques similar to those used for the BD, i.e., the stars were cataloged by allowing the telescope to drift along the mean declination of each zone and recording the positions and magnitudes of stars crossing the transit line of the field. The goal of the survey was to obtain a position and estimated visual magnitude for every star down to 10.0 magnitude inclusive, but the faint limit was confirmed from comparisons with other catalogs, to be somewhat below 10. A list of all corrections made to the original data as a result of published corrigenda is presented in Section 3. No other corrections or changes have been incorporated into the original data, e.g., from more modern positions and magnitudes or comparison with the "Cape Photographic Durchmusterung" (Gill and Kapteyn 1895-1900). For a more detailed description of how the observations were made and for additional statistics of star counts and distribution within each zone, the source reference should be consulted.

2 Source Reference

Thome, J. M. 1892-1932, Cordoba Durchmusterung, Resultados del Observatorio Nacional Argentino 16 (1892, Part I: -22 to -32 deg), 17 (1894, Part II: -32 to -42 deg), 18 (1900, Part III: -42 to -52 deg), 21 (Part I) (1914, Part IV, -52 to -62 deg), 21 (Part II) (1932, Part V: -62 to -90 deg).

Data are present for all stars in the catalog except a few which have been deleted in the corrigenda; these have been flagged by a "D" in byte 11 of each respective record, but the records and data have been left in the machine version in order not to change the star counts and numerical sequencing.

3 The Catalog

As in the original version, the positions are for the equinox 1875. Each page is headed by two entries giving the DM number and right ascension for the first and last entries on the page, respectively.

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4 Corrections Made to Catalog

CD Number	Field	From	To	
-51 871	RAm	25	35	
-53 6412	DEC	18.9	19.9	
-53 6760	RAs	15.4	12.4	
-53 7869	RAs	21.8	26.8	
-54 1881	DEC	49.3	48.3	
-54 1881	RAs	35.9	32.9	Puts out of order with 1880.
-54 5616	RAs	58.8	0.0	
-54 5616	RAm	7	8	
-54 5618	RAs	1.6	1.3	
-56 4790	RAs	36.2	46.2	
-56 5595	RAm	38	37	Puts out of order with 5592-94.
-56 7671	RAs	48.5	38.8	
-56 8693	RAm	51	52	
-56 8694	RAm	51	52	
-56 8695	RAm	52	53	Puts out of order with 8696-97.

5 Acknowledgments

This immense project was successfully completed through the efforts of many people, without whose help the finished catalog would not now or possibly ever have reached fruition. Although the work was initiated and supervised by Jaylee M. Mead, Theresa A. Nagy and Wayne H. Warren, Jr., the punching could never have been begun and the project completed without the support and encouragement of the NSSDC Director James I. Vette. The keypunching was done at NSSDC by Beth Alexander, Carol Bergstrom and Margy Goodwin, while the monitoring software for the data transfer was written by Frank Barnes with contributions by Eugene Scarzafava, and data migration to tape was done by Charleen Perry with assistance and supervision by Ralph Post. Proofreading of individual zones was contributed by Scott Birney (Wellesley College), Richard Dietz (University of Northern Colorado), Mati Morel (Rankin Park, NSW, Australia), Theresa Nagy (ADC), Sidney Parsons (Space Telescope Science Institute), William Stein (U. S. Naval Surface Weapons Laboratory, Dahlgren, VA), George Wolf (Southwest Missouri State University), and Wayne Warren, Jr. Additional zones not returned by other volunteers were proofread at the ADC by summer students Paula Feldman and Kimberly Kniffen, who also assisted greatly with error checking, recording, and data correction. Checking and recording were also done at the ADC by Rajendra Nigam, Charleen Perry and Wayne Warren. The hard copy version was prepared by Nancy G. Roman. The material in this introduction is taken from the document prepared for the machine readable copy by Wayne H. Warren, Jr.

6 References

Argelander, F. 1859-1862, Bonner Durchmusterung des Nordlichen Himmels, Erste bis dritte sektion, Astronomischen Beobachtungen auf der Sternwarte de Koniglichen Rhein. Friedrich-Wilhelm-Universitats zu Bonn, Bands 3-5.

Gill, D. and Kapteyn, J. C. 1895-1900, Cape Photographic Durchmusterung, Ann. Cape Obs. 3 (1895, Part I: zones -18 to -37 deg); 4 (1897, Part II: zones -38 to -52 deg); 5 (1900, Part III: zones -53 to -89 deg).

Kuestner, F. 1903, Bonner Durchmusterung des Nordlichen Himmels, zweite berichtigte Auflage, Bonn Universitats Sternwarte (Bonn: A. Marcus und E. Weber's Verlag).

Schoenfeld, E. 1886, Bonner Sternverzeichniss, Vierte Sektion, Astronomische Beobachtungen auf der Sternwarte der Koniglichen Rheinischen Friedrich- Wilhelms-Universitat zu Bonn 8, Part IV (Bonn: Adolph Marcus).

Thome, J. M. 1892-1932, Cordoba Durchmusterung, Resultados del Observatorio Nacional Argentino 16 (1892, Part I: -22 to -32 deg), 17 (1894, Part II: -32 to -42 deg), 18 (1900, Part III: -42 to -52 deg), 21 (Part I) (1914, Part IV, -52 to -62 deg), 21 (Part II) (1932, Part V: -62 to -90 deg).

-50 1 0h00m -50 360 1h14m

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2	10.0	00013.8 -5043.3	92	9.5	02234.8 -5023.8	182	10.0	03842.6 -5057.6	272	10.0	05448.3 -5023.3
3	10.0	00019.6 -5055.8	93	9.9	02244.3 -5040.2	183	10.0	03849.7 -5037.4	273	9.8	05500.6 -5047.3
4	10.0	00024.2 -5014.0	94	10.0	02247.0 -5001.6	184	10.0	03852.2 -5046.6	274	9.8	05511.2 -5029.5
5	9.7	00046.9 -5017.6	95	10.0	02254.9 -5021.3	185	10.0	03911.4 -5000.7	275	10.0	05516.8 -5007.5
6	10.0	00056.9 -5055.3	96	9.3	02255.3 -5044.4	186	10.0	03917.4 -5029.2	276	10.0	05523.7 -5033.5
7	10.0	00134.0 -5052.6	97	10.0	02259.3 -5002.3	187	10.0	03920.4 -5009.7	277	10.0	05531.0 -5021.4
8	10.0	00138.3 -5029.6	98	10.0	02342.1 -5046.2	188	10.0	03931.6 -5036.3	278	10.0	05531.3 -5046.6
9	10.0	00143.8 -5055.6	99	10.0	02423.2 -5046.4	189	10.0	03941.6 -5035.5	279	10.0	05606.9 -5038.1
10	7.7	00153.2 -5025.0	100	9.5	02442.4 -5026.5	190	10.0	04001.3 -5003.4	280	9.5	05616.6 -5055.9
11	10.0	00157.2 -5057.3	101	10.0	02446.0 -5048.5	191	10.0	04012.4 -5000.6	281	10.0	05630.9 -5030.3
12	10.0	00158.4 -5031.0	102	10.0	02523.0 -5025.4	192	9.8	04015.8 -5014.4	282	8.2	05631.8 -5019.7
13	10.0	00215.4 -5032.4	103	10.0	02530.7 -5021.4	193	9.7	04041.8 -5044.8	283	9.1	05637.3 -5024.2
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15	10.0	00226.2 -5008.4	105	10.0	02610.7 -5055.2	195	10.0	04056.5 -5038.6	285	10.0	05726.0 -5041.0
16	10.0	00231.6 -5019.1	106	10.0	02611.0 -5010.6	196	9.9	04101.0 -5005.1	286	10.0	05755.8 -5048.6
17	10.0	00233.4 -5036.6	107	10.0	02628.2 -5035.5	197	10.0	04106.5 -5047.6	287	10.0	05802.7 -5018.4
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26	10.0	00407.5 -5041.6	116	9.9	02855.4 -5044.0	206	10.0	04238.5 -5021.1	296	9.7	05957.6 -5028.8
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28	10.0	00428.6 -5038.2	118	10.0	02907.3 -5053.5	208	10.0	04251.5 -5035.4	298	10.0	10025.9 -5030.5
29	9.0	00514.7 -5019.3	119	9.9	02909.5 -5015.8	209	10.0	04312.8 -5014.5	299	9.8	10034.1 -5050.8
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36	10.0	00629.0 -5042.6	126	10.0	03015.6 -5056.8	216	10.0	04433.2 -5040.4	306	8.8	10146.1 -5042.9
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54	7.7	01210.4 -5035.9	144	8.8	03250.6 -5011.2	234	10.0	04829.8 -5021.7	324	10.0	10517.0 -5000.8
55	10.0	01224.7 -5004.9	145	10.0	03255.8 -5011.4	235	10.0	04830.9 -5003.2	325	10.0	10626.4 -5001.2
56	10.0	01229.5 -5021.3	146	10.0	03301.3 -5006.7	236	9.9	04833.4 -5019.1	326	10.0	10639.5 -5015.0
57	10.0	01239.0 -5002.1	147	9.9	03302.5 -5019.2	237	10.0	04840.1 -5048.8	327	9.6	10650.4 -5038.1
58	10.0	01246.8 -5040.0	148	10.0	03306.9 -5034.1	238	9.4	04900.1 -5008.4	328	9.0	10706.1 -5032.3
59	9.9	01310.6 -5007.5	149	10.0	03317.5 -5053.8	239	10.0	04901.4 -5029.9	329	8.3	10714.2 -5025.9
60	10.0	01411.6 -5052.8	150	10.0	03317.9 -5029.2	240	9.3	04904.3 -5034.7	330	9.8	10732.0 -5057.2
61	9.7	01453.4 -5045.8	151	10.0	03320.5 -5041.9	241	10.0	04932.4 -5052.4	331	9.7	10753.5 -5026.3
62	10.0	01459.2 -5031.8	152	10.0	03322.1 -5041.6	242	10.0	04935.1 -5013.0	332	10.0	10801.9 -5007.7
63	9.9	01459.8 -5058.4	153	9.9	03335.9 -5042.1	243	10.0	04935.5 -5037.1	333	9.6	10811.2 -5046.4
64	9.8	01504.6 -5027.8	154	10.0	03357.9 -5011.8	244	9.8	04938.3 -5022.6	334	10.0	10824.2 -5035.5
65	10.0	01515.6 -5005.5	155	10.0	03402.0 -5028.4	245	9.8	04946.6 -5037.7	335	10.0	10856.0 -5048.6
66	10.0	01539.4 -5006.2	156	10.0	03406.2 -5059.9	246	10.0	04956.8 -5054.4	336	10.0	10857.5 -5010.4
67	9.9	01615.2 -5021.1	157	9.9	03407.2 -5016.6	247	9.9	04958.9 -5057.4	337	10.0	10858.6 -5039.3
68	10.0	01658.2 -5036.2	158	10.0	03418.1 -5039.6	248	9.9	05000.1 -5051.0	338	9.5	10900.2 -5054.8
69	9.9	01734.7 -5058.0	159	10.0	03440.3 -5026.2	249	10.0	05008.6 -5006.7	339	9.9	10909.4 -5033.9
70	7.9	01737.2 -5003.0	160	10.0	03446.7 -5008.4	250	9.8	05020.0 -5016.5	340	10.0	10928.2 -5006.8
71	9.4	01740.0 -5037.9	161	8.4	03450.2 -5016.4	251	10.0	05023.5 -5004.2	341	9.7	10929.8 -5053.0
72	10.0	01836.2 -5043.2	162	10.0	03522.4 -5050.6	252	10.0	05047.0 -5051.1	342	10.0	10955.2 -5047.8
73	9.7	01837.0 -5041.3	163	10.0	03524.1 -5001.1	253	10.0	05112.3 -5035.4	343	10.0	11007.2 -5016.2
74	10.0	01850.4 -5008.5	164	10.0	03524.2 -5040.4	254	10.0	05115.2 -5001.5	344	10.0	11016.2 -5025.7
75	10.0	01853.8 -5017.2	165	9.9	03526.1 -5059.5	255	10.0	05115.7 -5003.5	345	10.0	11050.0 -5036.7
76	9.7	01931.4 -5053.1	166	9.9	03546.8 -5024.4	256	10.0	05121.2 -5052.3	346	10.0	11051.0 -5010.9
77	9.8	01938.6 -5045.2	167	10.0	03557.7 -5037.1	257	10.0	05128.8 -5022.3	347	10.0	11119.3 -5011.6
78	9.5	01943.0 -5025.6	168	10.0	03558.0 -5025.0	258	8.7	05131.5 -5016.4	348	10.0	11204.6 -5004.6
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83	10.0	02047.3 -5000.2	173	9.4	03646.8 -5025.0	263	10.0	05253.6 -5034.9	353	10.0	11411.8 -5039.0
84	10.0	02108.8 -5009.2	174	9.5	03652.6 -5021.2	264	10.0	05258.8 -5044.7	354	9.9	11416.0 -5001.7
85	10.0	02114.0 -5054.7	175	10.0	03721.4 -5036.8	265	10.0	05305.1 -5054.3	355	10.0	11416.1 -5003.5
86	9.3	02115.6 -5031.3	176	9.6	03746.0 -5015.8	266	10.0	05322.6 -5058.8	356	10.0	11420.3 -5048.7
87	10.0	02126.0 -5015.2	177	10.0	03801.0 -5058.9	267	10.0	05338.2 -5024.8	357	9.4	11429.3 -5040.3
88	9.3	02158.8 -5025.6	178	10.0	03809.4 -5010.0	268	10.0	05352.8 -5015.4	358	9.3	11439.3 -5027.7
89	9.8	02205.0 -5012.7	179	6.9	03824.2 -5004.4	269	9.6	05404.2 -5006.0	359	9.5	11442.1 -5046.6
90	10.0	02211.1 -5024.9	180	10.0	03831.6 -5041.4	270	7.5	05417.0 -5025.5	360	10.0	11451.7 -5015.2

-50 361 1h14m

-50 720 2h23m

361	10.0	11453.3	-5019.8	451	10.0	13540.7	-5001.0	541	10.0	15015.4	-5028.8	631	9.8	20751.8	-5026.1
362	10.0	11509.1	-5008.5	452	10.0	13548.2	-5037.0	542	10.0	15033.5	-5047.5	632	9.9	20752.6	-5027.4
363	8.1	11516.6	-5013.2	453	10.0	13555.9	-5048.4	543	9.5	15039.0	-5059.1	633	10.0	20803.1	-5050.5
364	10.0	11532.6	-5049.2	454	10.0	13559.4	-5002.5	544	10.0	15040.6	-5003.0	634	10.0	20812.0	-5001.0
365	10.0	11536.8	-5035.0	455	10.0	13607.6	-5029.0	545	6.4	15120.3	-5026.8	635	9.5	20846.8	-5012.1
366	9.8	11537.0	-5007.0	456	10.0	13611.1	-5014.6	546	10.0	15143.7	-5039.9	636	10.0	20917.2	-5052.1
367	9.0	11552.3	-5017.8	457	10.0	13612.0	-5041.7	547	8.5	15150.5	-5001.0	637	10.0	20939.5	-5037.0
368	7.0	11601.4	-5023.8	458	10.0	13615.0	-5024.5	548	9.8	15155.6	-5053.3	638	9.5	20940.5	-5026.6
369	9.9	11621.8	-5013.2	459	10.0	13631.1	-5052.9	549	10.0	15159.3	-5013.5	639	10.0	20954.8	-5038.0
370	8.8	11630.4	-5001.6	460	10.0	13636.9	-5027.0	550	9.9	15208.3	-5015.1	640	10.0	20956.0	-5012.5
371	9.8	11643.3	-5018.8	461	6.7	13641.8	-5040.2	551	9.4	15220.7	-5051.4	641	10.0	21013.7	-5052.1
372	9.8	11648.4	-5004.2	462	10.0	13649.6	-5045.3	552	10.0	15241.7	-5028.7	642	9.5	21037.6	-5054.8
373	10.0	11649.2	-5010.6	463	9.8	13706.1	-5001.1	553	10.0	15252.1	-5031.3	643	10.0	21041.2	-5056.5
374	10.0	11657.9	-5014.0	464	9.9	13714.2	-5053.6	554	9.7	15301.5	-5011.2	644	10.0	21056.3	-5016.5
375	9.9	11705.6	-5002.9	465	9.8	13749.1	-5005.8	555	10.0	15311.5	-5027.0	645	10.0	21056.7	-5001.5
376	10.0	11735.3	-5030.9	466	9.4	13751.2	-5050.2	556	10.0	15314.9	-5025.8	646	9.8	21110.8	-5033.0
377	10.0	11741.3	-5035.4	467	10.0	13753.2	-5053.6	557	9.8	15330.0	-5058.4	647	9.9	21117.4	-5020.9
378	10.0	11750.0	-5031.0	468	10.0	13756.2	-5025.8	558	10.0	15345.3	-5010.5	648	10.0	21140.1	-5031.5
379	10.0	11750.3	-5037.8	469	9.6	13757.5	-5023.2	559	8.6	15427.2	-5045.0	649	10.0	21145.2	-5027.9
380	10.0	11826.8	-5040.9	470	10.0	13816.1	-5038.4	560	10.0	15442.0	-5046.7	650	10.0	21159.0	-5003.5
381	10.0	11844.8	-5055.8	471	10.0	13838.6	-5007.7	561	10.0	15451.8	-5051.7	651	8.8	21200.0	-5009.0
382	9.2	11851.2	-5010.2	472	10.0	13844.7	-5056.6	562	10.0	15521.2	-5008.4	652	10.0	21200.9	-5053.6
383	9.8	11912.6	-5036.6	473	10.0	13853.0	-5005.3	563	10.0	15527.6	-5005.4	653	10.0	21205.7	-5046.4
384	10.0	11930.3	-5015.1	474	9.7	13910.2	-5016.6	564	10.0	15545.9	-5010.1	654	10.0	21213.2	-5026.0
385	10.0	11957.4	-5004.3	475	10.0	13911.0	-5058.9	565	9.9	15557.1	-5045.3	655	10.0	21213.2	-5046.1
386	10.0	12016.9	-5056.3	476	8.6	13917.3	-5043.4	566	10.0	15604.4	-5019.2	656	10.0	21231.2	-5016.0
387	10.0	12050.9	-5012.6	477	10.0	13918.6	-5032.6	567	9.8	15604.6	-5054.1	657	9.8	21240.1	-5025.6
388	10.0	12052.5	-5023.4	478	8.6	13947.4	-5007.2	568	10.0	15618.2	-5017.0	658	10.0	21248.2	-5035.7
389	10.0	12102.6	-5047.8	479	10.0	13955.8	-5046.9	569	10.0	15636.7	-5037.7	659	10.0	21248.8	-5038.1
390	9.4	12119.4	-5022.5	480	10.0	14001.1	-5042.9	570	10.0	15638.8	-5040.2	660	10.0	21308.7	-5011.0
391	10.0	12204.8	-5014.7	481	10.0	14010.6	-5007.7	571	10.0	15648.3	-5042.7	661	8.9	21312.2	-5049.2
392	9.7	12212.9	-5007.2	482	10.0	14016.6	-5033.9	572	8.0	15711.3	-5043.8	662	10.0	21312.3	-5049.1
393	10.0	12246.1	-5005.3	483	10.0	14018.5	-5016.6	573	10.0	15717.0	-5032.5	663	10.0	21322.3	-5048.2
394	10.0	12255.1	-5010.2	484	10.0	14052.4	-5023.7	574	7.3	15729.6	-5000.6	664	9.7	21325.0	-5000.0
395	10.0	12313.9	-5038.3	485	10.0	14107.4	-5011.8	575	10.0	15739.9	-5012.5	665	10.0	21334.5	-5031.4
396	10.0	12334.6	-5022.1	486	9.4	14150.6	-5042.8	576	10.0	15747.8	-5025.9	666	10.0	21352.7	-5001.0
397	10.0	12411.5	-5046.3	487	8.5	14152.1	-5016.1	577	9.9	15751.4	-5022.0	667	10.0	21357.0	-5030.3
398	10.0	12425.4	-5041.8	488	9.8	14152.7	-5040.9	578	8.1	15818.2	-5005.7	668	10.0	21359.7	-5004.0
399	10.0	12452.0	-5015.6	489	9.9	14205.3	-5039.4	579	10.0	15818.9	-5058.8	669	10.0	21429.0	-5038.6
400	9.7	12453.9	-5007.2	490	10.0	14209.8	-5047.8	580	9.9	15850.4	-5016.5	670	10.0	21436.4	-5000.9
401	9.8	12458.2	-5000.6	491	9.9	14211.6	-5026.8	581	10.0	15915.0	-5006.4	671	10.0	21439.0	-5019.9
402	10.0	12459.5	-5036.3	492	10.0	14213.9	-5012.0	582	10.0	15916.4	-5006.3	672	10.0	21444.3	-5053.7
403	10.0	12506.4	-5004.3	493	9.2	14218.0	-5003.3	583	10.0	15920.5	-5058.9	673	9.6	21518.3	-5029.2
404	9.8	12519.2	-5013.9	494	10.0	14226.9	-5029.5	584	10.0	15926.3	-5003.5	674	10.0	21529.2	-5056.0
405	10.0	12528.7	-5048.2	495	10.0	14233.6	-5030.1	585	10.0	15938.8	-5031.6	675	7.7	21546.5	-5052.7
406	10.0	12535.4	-5038.2	496	10.0	14250.0	-5056.1	586	10.0	15945.2	-5028.3	676	9.9	21552.9	-5016.9
407	7.7	12609.2	-5032.8	497	10.0	14259.2	-5017.5	587	10.0	15952.0	-5040.6	677	10.0	21557.8	-5006.6
408	10.0	12633.4	-5053.2	498	10.0	14304.8	-5024.3	588	10.0	15953.3	-5009.0	678	10.0	21605.2	-5028.5
409	10.0	12719.8	-5032.9	499	9.7	14312.5	-5047.9	589	10.0	15957.3	-5001.7	679	10.0	21610.7	-5058.6
410	7.9	12722.4	-5010.3	500	10.0	14321.7	-5021.0	590	9.9	20011.1	-5058.7	680	10.0	21722.2	-5017.8
411	6.9	12729.3	-5022.3	501	9.9	14343.3	-5011.6	591	10.0	20015.0	-5000.6	681	7.5	21726.1	-5005.7
412	8.5	12758.7	-5045.7	502	10.0	14355.3	-5028.9	592	7.8	20024.3	-5016.6	682	10.0	21730.7	-5023.1
413	10.0	12759.9	-5025.0	503	9.2	14441.3	-5052.3	593	10.0	20031.4	-5014.5	683	9.1	21749.0	-5045.3
414	10.0	12806.4	-5003.3	504	10.0	14451.4	-5005.5	594	10.0	20032.5	-5044.0	684	10.0	21752.8	-5006.8
415	10.0	12828.3	-5023.3	505	10.0	14452.1	-5020.2	595	10.0	20038.7	-5055.3	685	9.1	21758.2	-5015.0
416	10.0	12840.6	-5034.6	506	10.0	14520.0	-5040.8	596	10.0	20040.3	-5017.0	686	10.0	21759.9	-5041.7
417	10.0	12846.6	-5041.1	507	10.0	14526.1	-5026.4	597	10.0	20108.9	-5023.7	687	9.9	21805.8	-5021.1
418	10.0	12852.8	-5021.8	508	10.0	14527.3	-5029.9	598	10.0	20114.2	-5020.5	688	10.0	21810.0	-5031.4
419	10.0	12853.8	-5032.8	509	10.0	14527.7	-5012.1	599	10.0	20126.5	-5003.5	689	10.0	21813.4	-5033.0
420	10.0	12858.6	-5057.3	510	9.2	14532.0	-5029.1	600	10.0	20130.8	-5053.6	690	10.0	21816.0	-5020.9
421	9.7	12907.4	-5005.4	511	9.3	14532.8	-5054.2	601	10.0	20130.8	-5008.0	691	10.0	21845.3	-5028.8
422	10.0	12916.7	-5005.8	512	9.4	14547.0	-5052.7	602	10.0	20141.0	-5004.0	692	10.0	21853.2	-5024.2
423	10.0	12935.6	-5047.4	513	9.9	14602.2	-5032.5	603	9.8	20143.5	-5033.0	693	10.0	21857.7	-5038.9
424	8.3	12940.3	-5026.6	514	6.1	14603.0	-5049.5	604	10.0	20200.0	-5009.5	694	10.0	21910.7	-5023.7
425	10.0	12945.5	-5051.8	515	9.3	14617.7	-5057.0	605	9.2	20216.4	-5034.5	695	9.9	21913.9	-5053.3
426	9.9	13008.5	-5011.5	516	9.0	14625.7	-5035.5	606	10.0	20225.8	-5044.9	696	10.0	21914.1	-5006.5
427	10.0	13008.7	-5022.1	517	10.0	14645.0	-5032.8	607	10.0	20239.5	-5035.3	697	10.0	21927.4	-5043.2
428	10.0	13027.3	-5042.5	518	10.0	14645.0	-5051.4	608	9.8	20252.8	-5048.2	698	10.0	21928.4	-5022.5
429	10.0	13032.8	-5054.4	519	10.0	14650.4	-5011.0	609	10.0	20326.6	-5008.7	699	9.9	22013.9	-5007.0
430	10.0	13057.2	-5028.8	520	9.7	14653.1	-5004.1	610	10.0	20345.2	-5057.5	700	9.4	22022.4	-5052.3
431	10.0	13100.3	-5043.0	521	10.0	14653.8	-5032.3	611	10.0	20357.3	-5046.6	701	9.9	22038.0	-5037.9
432	10.0	13113.5	-5020.0	522	8.0	14657.1	-5036.5	612	10.0	20412.2	-5015.0	702	10.0	22048.2	-5015.6
433	10.0	13114.6	-5034.0	523	9.7	14711.3	-5017.5	613	10.0	20415.4	-5050.6	703	10.0	22053.3	-5006.7
434	9.7	13123.4	-5034.0	524	9.0	14731.6	-5009.0	614	10.0	20416.5	-5045.3	704	10.0	22117.4	-5059.3
435	10.0	13130.8	-5041.7	525	10.0	14732.6	-5053.1	615	9.8	20417.2	-5024.7	705	10.0	22118.4	-5047.2
436	10.0	13131.4	-5004.9	526	9.0	14733.9	-5008.2	616	9.9	20420.2	-5054.0	706	9.9	22135.0	-5011.6
437	10.0	13138.7	-5059.0	527	10.0	14751.0	-5036.8	617	10.0	20425.8	-5006.5	707	10.0	22202.7	-5014.5
438	9.9	13147.9	-5003.3	528	10.0	14811.5	-5036.1	618	9.9	20446.4	-5008.7	708	10.0	22204.3	-5036.9
439	10.0	13225.2	-5022.6	529	10.0	14815.5	-5054.1	619	10.0	20510.2	-5009.0	709	10.0	22210.6	-5048.2
440	10.0	13232.9	-5053.5	530	10.0	14823.0	-5004.5	620	10.0	20533.4	-5002.5	710	10.0	22212.6	-5023.6
441	10.0	13248.2	-5038.5	531	9.8	14826.4	-5031.1	621	10.0	20554.5	-5004.7	711	10.0	22216.6	-5012.6
442	10.0	13331.9	-5022.6	532	9.9	14827.6	-5006.0	622	10.0	20559.9	-5014.5	712	10.0	22230.3	-5004.8
443	10.0	13334.3	-5001.8	533	10.0	14834.6	-5035.8	623	10.0	20625.5	-5025.6	713	10.0	22239.6	-5044.2
444	10.0	13354.0	-5056.4	534	10.0	14851.6	-5042.4	624	10.0	20645.2	-5017.5	714	9.5	22240.8	-5050.8
445	10.0	13401.8	-5016.1	535	10.0	14856.2	-5004.5	625	10.0	20702.0	-5020.5	715	10.0	22244.3	-5054.2
446	9.9	13410.5	-5027.3	536	10.0	14930.9	-5041.2	626	9.7	20706.9	-5034.2	716	10.0	22250.1	-5023.0
447	9.8	13428.1	-5022.0	537	10.0	14934.4	-5024.7	627	9.9	20732.4	-5003.6	717	10.0	22255.8	-5007.4
448	10.0	13507.3	-5059.0	538	10.0	14936.8	-5030.4	628	10.0	20734.5	-5025.4	718	8.9	22309.8	-5027.0
449	10.0	13511.0	-5057.4	539	9.8	14951.6	-5025.0	629	10.0	20741.4	-5056.8	719	10.0	22320.2	-5032.3
450	10.0	13526.1	-5001.3	540	10.0	15014.7	-5019.0	630	10.0	20745.0	-5016.0	720	9.1	22330.4	-5022.8

-50 721 2h23m

-50 1080 3h31m

721	10.0	22345.5	-5005.2	811	10.0	24130.6	-5017.8	901	10.0	25846.4	-5037.8	991	9.8	31420.8	-5004.8
722	7.3	22346.5	-5051.8	812	10.0	24130.6	-5052.7	902	10.0	25900.4	-5052.8	992	9.8	31423.9	-5035.4
723	10.0	22354.7	-5009.5	813	10.0	24204.7	-5050.2	903	10.0	25923.0	-5015.8	993	10.0	31427.0	-5003.4
724	10.0	22359.1	-5034.8	814	10.0	24218.8	-5051.2	904	10.0	25926.3	-5000.8	994	10.0	31515.9	-5022.4
725	10.0	22403.6	-5002.2	815	10.0	24224.6	-5053.2	905	10.0	25926.3	-5027.2	995	10.0	31546.8	-5000.7
726	10.0	22413.3	-5054.9	816	10.0	24227.6	-5006.6	906	10.0	25931.1	-5045.7	996	10.0	31557.8	-5039.0
727	10.0	22414.7	-5047.9	817	9.8	24243.1	-5043.2	907	10.0	25953.8	-5031.8	997	9.8	31616.6	-5022.7
728	10.0	22420.3	-5022.8	818	10.0	24243.5	-5038.2	908	10.0	25958.5	-5021.9	998	9.9	31622.6	-5039.0
729	9.2	22446.4	-5004.3	819	10.0	24245.9	-5040.0	909	10.0	30008.0	-5001.3	999	10.0	31623.0	-5036.4
730	10.0	22452.0	-5023.8	820	10.0	24251.5	-5033.1	910	9.9	30015.0	-5040.6	1000	9.9	31624.3	-5048.0
731	9.0	22453.0	-5028.2	821	9.8	24259.5	-5019.4	911	10.0	30029.8	-5045.3	1001	10.0	31640.0	-5014.0
732	9.9	22511.0	-5059.1	822	9.6	24306.9	-5000.6	912	10.0	30044.3	-5054.0	1002	10.0	31658.0	-5038.0
733	10.0	22513.6	-5044.8	823	9.2	24345.0	-5012.8	913	9.8	30058.2	-5002.3	1003	10.0	31705.4	-5000.0
734	10.0	22517.8	-5021.1	824	9.6	24346.5	-5012.0	914	9.9	30145.3	-5051.3	1004	10.0	31713.5	-5028.4
735	9.9	22547.2	-5045.2	825	10.0	24352.8	-5015.4	915	9.6	30147.6	-5032.0	1005	10.0	31735.0	-5037.0
736	8.9	22550.5	-5029.0	826	9.7	24357.8	-5048.6	916	9.6	30149.8	-5031.0	1006	10.0	31744.6	-5033.7
737	10.0	22603.8	-5052.9	827	9.8	24408.3	-5023.0	917	8.6	30204.7	-5020.7	1007	9.9	31756.8	-5010.4
738	10.0	22613.9	-5047.5	828	10.0	24413.8	-5001.0	918	10.0	30222.7	-5026.1	1008	10.0	31759.9	-5047.1
739	10.0	22628.3	-5022.4	829	9.7	24424.2	-5058.4	919	10.0	30230.4	-5012.9	1009	10.0	31820.8	-5012.0
740	10.0	22639.0	-5006.7	830	9.6	24507.8	-5046.0	920	10.0	30246.4	-5010.9	1010	9.6	31854.5	-5013.5
741	10.0	22723.5	-5024.8	831	9.8	24512.7	-5046.0	921	9.7	30251.8	-5050.3	1011	10.0	31854.9	-5055.7
742	10.0	22741.9	-5044.5	832	10.0	24514.9	-5040.4	922	10.0	30310.4	-5000.7	1012	9.7	31903.7	-5017.0
743	10.0	22750.6	-5035.8	833	9.5	24531.0	-5002.8	923	10.0	30318.4	-5007.8	1013	10.0	31918.8	-5044.6
744	9.3	22811.7	-5058.3	834	9.9	24532.3	-5018.4	924	10.0	30327.6	-5017.1	1014	9.8	31923.2	-5026.9
745	10.0	22815.1	-5036.5	835	10.0	24535.1	-5022.0	925	10.0	30343.4	-5014.1	1015	8.5	31924.3	-5026.7
746	9.9	22821.0	-5010.1	836	10.0	24538.4	-5023.4	926	9.6	30347.8	-5043.8	1016	9.8	31929.6	-5054.6
747	10.0	22832.7	-5024.9	837	10.0	24548.5	-5007.0	927	9.5	30406.3	-5031.4	1017	9.8	31931.6	-5032.2
748	8.3	22836.1	-5020.1	838	10.0	24552.4	-5016.4	928	8.3	30414.3	-5054.6	1018	10.0	32003.8	-5046.9
749	10.0	22842.0	-5018.0	839	10.0	24552.6	-5013.4	929	9.4	30415.5	-5028.8	1019	9.7	32011.3	-5014.1
750	9.6	22857.6	-5005.0	840	10.0	24600.8	-5040.1	930	9.9	30440.4	-5047.5	1020	10.0	32016.6	-5058.1
751	10.0	22912.4	-5043.4	841	10.0	24626.6	-5026.0	931	9.6	30459.3	-5050.2	1021	10.0	32027.6	-5033.0
752	9.9	22916.0	-5023.0	842	10.0	24646.3	-5018.0	932	9.9	30510.5	-5021.0	1022	9.7	32031.3	-5050.0
753	10.0	22949.9	-5052.7	843	9.3	24657.8	-5049.3	933	10.0	30537.4	-5011.1	1023	9.9	32036.8	-5026.6
754	10.0	23006.9	-5041.4	844	9.8	24704.7	-5034.0	934	10.0	30555.0	-5036.5	1024	10.0	32042.5	-5010.3
755	10.0	23014.4	-5019.6	845	10.0	24720.3	-5016.2	935	9.9	30603.6	-5021.8	1025	10.0	32050.2	-5056.9
756	10.0	23020.6	-5039.7	846	10.0	24738.5	-5038.7	936	9.9	30642.9	-5012.8	1026	8.3	32053.0	-5026.9
757	9.7	23025.0	-5032.9	847	10.0	24741.0	-5056.4	937	10.0	30646.1	-5020.1	1027	9.8	32057.2	-5027.0
758	10.0	23037.9	-5054.4	848	7.2	24749.3	-5022.6	938	10.0	30648.0	-5012.6	1028	9.9	32134.7	-5049.9
759	10.0	23040.5	-5043.7	849	7.8	24753.5	-5043.5	939	10.0	30653.9	-5059.7	1029	10.0	32138.3	-5026.9
760	8.6	23116.9	-5006.6	850	9.8	24803.0	-5003.0	940	8.1	30702.0	-5030.4	1030	9.6	32158.5	-5039.9
761	10.0	23148.6	-5034.7	851	9.6	24837.8	-5059.5	941	9.8	30710.3	-5022.6	1031	10.0	32237.2	-5054.9
762	10.0	23149.5	-5015.6	852	10.0	24846.0	-5059.8	942	10.0	30717.3	-5058.4	1032	9.9	32248.3	-5009.0
763	9.8	23201.8	-5000.0	853	10.0	24852.0	-5008.2	943	10.0	30720.4	-5002.4	1033	9.4	32304.2	-5005.4
764	10.0	23213.0	-5026.0	854	10.0	24859.0	-5028.1	944	9.9	30727.8	-5004.8	1034	9.2	32307.1	-5008.7
765	10.0	23218.7	-5059.4	855	9.9	24901.6	-5008.0	945	10.0	30732.6	-5034.4	1035	10.0	32311.8	-5020.9
766	10.0	23223.7	-5044.2	856	9.6	24903.9	-5032.3	946	8.7	30744.4	-5044.4	1036	9.7	32313.9	-5042.0
767	10.0	23318.8	-5023.4	857	9.4	24911.3	-5041.7	947	10.0	30752.3	-5001.4	1037	9.2	32316.7	-5006.4
768	10.0	23320.2	-5027.1	858	9.6	24914.5	-5026.2	948	10.0	30757.6	-5006.1	1038	8.6	32327.2	-5053.7
769	10.0	23340.1	-5039.7	859	10.0	24923.4	-5003.6	949	10.0	30808.6	-5004.8	1039	10.0	32353.4	-5057.1
770	10.0	23341.6	-5031.0	860	10.0	24944.4	-5024.2	950	10.0	30824.3	-5008.3	1040	10.0	32423.5	-5040.7
771	9.7	23349.5	-5016.4	861	10.0	25022.5	-5007.7	951	9.7	30835.2	-5058.0	1041	9.9	32427.2	-5013.8
772	10.0	23400.7	-5013.6	862	9.9	25025.0	-5048.0	952	9.7	30841.9	-5049.0	1042	10.0	32443.7	-5047.8
773	10.0	23424.7	-5048.3	863	9.8	25026.9	-5053.0	953	10.0	30844.3	-5031.4	1043	10.0	32445.9	-5015.2
774	10.0	23431.2	-5023.6	864	9.7	25031.4	-5046.0	954	10.0	30858.9	-5045.4	1044	10.0	32446.5	-5002.8
775	10.0	23441.1	-5010.6	865	10.0	25056.1	-5028.6	955	9.8	30904.5	-5022.8	1045	10.0	32451.0	-5050.2
776	9.5	23441.5	-5000.4	866	9.1	25107.9	-5010.2	956	10.0	30907.1	-5043.0	1046	10.0	32457.0	-5046.7
777	8.9	23518.8	-5032.6	867	9.9	25157.8	-5034.8	957	10.0	30921.6	-5016.4	1047	10.0	32459.6	-5053.8
778	10.0	23525.3	-5049.2	868	9.0	25209.0	-5059.9	958	10.0	30929.9	-5054.7	1048	10.0	32506.7	-5001.2
779	10.0	23545.2	-5041.3	869	9.3	25209.1	-5042.1	959	9.9	30933.8	-5058.4	1049	9.6	32508.0	-5014.8
780	9.5	23551.4	-5050.5	870	9.0	25213.5	-5042.7	960	9.9	30956.4	-5040.0	1050	10.0	32509.9	-5020.6
781	10.0	23626.1	-5043.0	871	10.0	25227.4	-5048.2	961	8.4	30959.3	-5022.5	1051	10.0	32510.4	-5004.2
782	9.3	23627.5	-5057.8	872	10.0	25230.6	-5051.6	962	9.8	31008.4	-5006.4	1052	10.0	32551.8	-5046.2
783	10.0	23630.6	-5003.0	873	10.0	25241.6	-5025.0	963	10.0	31050.8	-5015.4	1053	10.0	32556.8	-5007.6
784	10.0	23638.0	-5052.8	874	10.0	25252.4	-5024.5	964	10.0	31054.0	-5010.6	1054	10.0	32600.0	-5041.8
785	10.0	23648.6	-5003.7	875	10.0	25303.4	-5028.2	965	10.0	31100.6	-5023.1	1055	10.0	32601.8	-5036.1
786	10.0	23701.2	-5008.0	876	9.3	25313.0	-5038.2	966	9.9	31108.6	-5041.4	1056	10.0	32619.1	-5029.5
787	10.0	23711.6	-5015.6	877	9.0	25320.4	-5001.7	967	10.0	31122.2	-5049.6	1057	9.7	32651.6	-5039.4
788	10.0	23716.5	-5044.3	878	9.2	25321.5	-5003.0	968	10.0	31123.9	-5059.4	1058	10.0	32656.3	-5038.7
789	10.0	23716.8	-5043.4	879	10.0	25327.4	-5051.4	969	10.0	31128.8	-5013.3	1059	10.0	32657.2	-5054.1
790	10.0	23725.0	-5011.0	880	10.0	25331.8	-5043.0	970	10.0	31142.8	-5050.6	1060	10.0	32701.0	-5007.0
791	9.6	23726.3	-5016.3	881	10.0	25345.0	-5017.2	971	9.6	31156.8	-5041.4	1061	10.0	32705.0	-5010.6
792	9.4	23729.8	-5006.5	882	7.9	25345.4	-5039.0	972	9.9	31211.7	-5056.0	1062	10.0	32710.7	-5028.6
793	10.0	23742.8	-5016.7	883	9.9	25346.6	-5041.4	973	9.2	31214.3	-5036.9	1063	10.0	32716.0	-5000.3
794	10.0	23744.0	-5027.6	884	10.0	25440.9	-5053.4	974	9.5	31214.7	-5052.0	1064	10.0	32742.2	-5009.5
795	9.9	23746.8	-5023.0	885	9.8	25453.8	-5000.8	975	9.8	31229.0	-5042.8	1065	8.2	32750.9	-5031.8
796	10.0	23755.9	-5056.8	886	10.0	25517.6	-5010.4	976	10.0	31235.3	-5004.3	1066	8.1	32813.2	-5018.6
797	10.0	23814.8	-5031.4	887	10.0	25545.8	-5043.2	977	10.0	31242.0	-5024.7	1067	9.4	32828.0	-5014.3
798	9.9	23817.7	-5033.2	888	10.0	25558.1	-5035.5	978	10.0	31252.2	-5012.0	1068	10.0	32840.7	-5008.7
799	10.0	23823.7	-5022.0	889	10.0	25601.6	-5008.0	979	10.0	31258.2	-5037.6	1069	10.0	32847.2	-5046.6
800	7.6	23825.9	-5015.7	890	10.0	25618.0	-5016.4	980	9.9	31306.2	-5054.1	1070	10.0	32847.7	-5036.0
801	10.0	23846.9	-5006.4	891	9.8	25620.6	-5032.0	981	8.5	31323.7	-5025.5	1071	5.9	32851.3	-5048.2
802	9.9	23930.6	-5059.8	892	9.5	25635.4	-5049.5	982	9.8	31326.4	-5043.8	1072	10.0	32906.0	-5009.2
803	10.0	23934.8	-5053.6	893	9.3	25649.2	-5015.2	983	9.8	31328.0	-5022.1	1073	10.0	32929.6	-5004.4
804	10.0	24025.1	-5007.0	894	10.0	25709.7	-5053.4	984	10.0	31332.5	-5059.2	1074	9.4	32937.8	-5016.0
805	10.0	24047.2	-5027.5	895	9.9	25717.5	-5047.1	985	10.0	31358.1	-5005.6	1075	10.0	32942.3	-5020.2
806	10.0	24055.9	-5046.8	896	10.0	25725.7	-5023.2	986	10.0	31359.9	-5002.2	1076	10.0	32943.4	-5004.9
807	10.0	24059.8	-5001.4	897	10.0	25749.6	-5029.8	987	10.0	31402.0	-5005.0	1077	9.5	32955.4	-5059.0
808	10.0	24107.1	-5025.0	898	10.0	25802.2	-5046.7	988	9.9	31407.8	-5040.0	1078	10.0	33050.2	-5047.3
809	8.1	24118.8	-5039.5	899	8.0	25839.2	-5021.3	989	10.0	31415.6	-5026.2	1079	10.0	33113.0	-5034.3
810	10.0	24126.8	-5032.4	900	9.0	25845.3	-5011.0	990	10.0	31419.1	-5042.6	1080	10.0	33114.5	-5004.6

1081	9.8	33128.7 -5038.7	1171	10.0	34744.9 -5050.0	1261	10.0	40037.2 -5059.2	1351	10.0	41632.4 -5030.5
1082	10.0	33135.9 -5006.1	1172	10.0	34751.8 -5010.1	1262	9.9	40039.5 -5033.3	1352	10.0	41641.6 -5020.3
1083	10.0	33144.9 -5046.0	1173	10.0	34804.3 -5040.5	1263	10.0	40051.2 -5013.1	1353	9.9	41641.8 -5041.5
1084	10.0	33154.3 -5041.7	1174	10.0	34805.5 -5053.5	1264	9.1	40105.7 -5054.2	1354	10.0	41712.4 -5009.9
1085	10.0	33213.7 -5020.6	1175	10.0	34815.4 -5055.0	1265	10.0	40120.5 -5008.0	1355	10.0	41736.4 -5010.9
1086	10.0	33213.9 -5059.0	1176	9.4	34818.6 -5016.3	1266	10.0	40138.6 -5028.9	1356	10.0	41738.3 -5012.3
1087	10.0	33230.3 -5017.5	1177	10.0	34838.0 -5036.5	1267	9.9	40206.2 -5017.7	1357	9.7	41738.4 -5030.0
1088	10.0	33259.0 -5055.3	1178	10.0	34846.0 -5050.5	1268	10.0	40207.4 -5014.4	1358	9.8	41746.6 -5027.3
1089	10.0	33300.3 -5057.0	1179	10.0	34848.5 -5049.0	1269	10.0	40245.0 -5039.2	1359	10.0	41758.6 -5035.5
1090	7.7	33309.7 -5022.2	1180	10.0	34850.4 -5056.5	1270	9.6	40257.8 -5057.7	1360	9.8	41810.0 -5035.5
1091	10.0	33313.1 -5012.6	1181	9.8	34857.6 -5051.3	1271	9.6	40300.8 -5054.1	1361	10.0	41822.9 -5001.6
1092	9.7	33333.9 -5016.4	1182	10.0	34901.3 -5040.2	1272	10.0	40345.6 -5040.2	1362	8.9	41827.0 -5017.9
1093	9.7	33351.7 -5023.6	1183	8.7	34903.3 -5018.9	1273	9.8	40348.4 -5010.0	1363	10.0	41828.6 -5032.0
1094	9.5	33355.5 -5002.1	1184	10.0	34914.2 -5041.3	1274	10.0	40357.0 -5030.2	1364	9.9	41841.6 -5024.3
1095	9.8	33355.9 -5039.0	1185	10.0	34918.4 -5002.7	1275	9.3	40414.3 -5026.5	1365	10.0	41850.0 -5038.0
1096	10.0	33357.2 -5057.0	1186	10.0	34918.7 -5005.2	1276	9.5	40419.7 -5036.4	1366	9.8	41852.6 -5052.0
1097	10.0	33413.4 -5049.3	1187	9.5	34919.0 -5031.3	1277	10.0	40425.8 -5010.9	1367	9.8	41901.0 -5011.4
1098	10.0	33440.6 -5054.0	1188	9.5	34921.9 -5033.8	1278	7.7	40431.4 -5030.4	1368	10.0	41919.0 -5049.5
1099	9.7	33440.8 -5032.2	1189	9.8	34935.4 -5026.8	1279	8.9	40436.1 -5050.7	1369	10.0	41929.5 -5042.0
1100	9.9	33503.9 -5001.0	1190	10.0	34943.4 -5059.3	1280	10.0	40450.7 -5022.1	1370	9.6	41946.7 -5045.2
1101	10.0	33520.0 -5016.2	1191	10.0	34945.9 -5029.3	1281	9.7	40516.0 -5032.7	1371	9.7	41955.5 -5036.2
1102	9.2	33529.9 -5042.2	1192	9.6	34952.6 -5030.3	1282	9.8	40526.9 -5047.7	1372	10.0	41958.9 -5008.6
1103	10.0	33535.6 -5030.0	1193	9.7	34954.0 -5028.8	1283	10.0	40535.3 -5050.2	1373	9.9	42004.0 -5017.6
1104	10.0	33548.0 -5027.3	1194	10.0	35008.0 -5025.9	1284	10.0	40548.3 -5051.7	1374	10.0	42007.0 -5029.1
1105	9.6	33552.6 -5012.3	1195	9.9	35014.9 -5032.0	1285	10.0	40604.2 -5012.6	1375	9.5	42029.6 -5057.3
1106	9.6	33601.0 -5032.5	1196	10.0	35029.6 -5001.2	1286	9.4	40614.2 -5016.7	1376	10.0	42034.5 -5019.6
1107	9.3	33607.5 -5057.3	1197	10.0	35032.3 -5053.5	1287	10.0	40621.3 -5020.2	1377	9.9	42035.2 -5053.6
1108	9.9	33609.0 -5023.0	1198	10.0	35045.0 -5038.5	1288	10.0	40635.0 -5056.7	1378	9.8	42038.1 -5006.0
1109	9.6	33618.6 -5049.0	1199	10.0	35046.6 -5019.4	1289	9.8	40641.8 -5054.2	1379	10.0	42103.6 -5055.5
1110	10.0	33630.4 -5026.2	1200	10.0	35049.8 -5013.5	1290	9.8	40647.5 -5000.4	1380	10.0	42103.6 -5022.6
1111	10.0	33638.7 -5008.7	1201	10.0	35101.2 -5056.0	1291	9.8	40656.2 -5041.2	1381	9.7	42107.4 -5006.0
1112	10.0	33641.2 -5011.0	1202	9.4	35106.6 -5024.0	1292	10.0	40713.8 -5019.2	1382	10.0	42111.1 -5051.5
1113	10.0	33707.8 -5011.7	1203	10.0	35152.4 -5059.4	1293	9.9	40715.8 -5030.2	1383	10.0	42119.3 -5028.1
1114	10.0	33740.5 -5054.4	1204	10.0	35202.1 -5025.1	1294	10.0	40731.8 -5009.0	1384	10.0	42121.6 -5043.6
1115	10.0	33803.2 -5019.8	1205	10.0	35219.5 -5013.1	1295	10.0	40735.4 -5044.1	1385	7.7	42134.5 -5054.0
1116	10.0	33815.6 -5042.6	1206	10.0	35235.7 -5024.3	1296	10.0	40741.4 -5023.6	1386	9.9	42143.8 -5016.8
1117	10.0	33815.9 -5051.3	1207	10.0	35246.8 -5001.6	1297	10.0	40745.8 -5008.3	1387	8.6	42228.4 -5030.5
1118	10.0	33825.0 -5011.5	1208	10.0	35248.8 -5054.4	1298	10.0	40756.9 -5003.6	1388	10.0	42230.3 -5026.2
1119	9.9	33825.2 -5025.8	1209	8.1	35320.8 -5007.1	1299	10.0	40801.3 -5025.6	1389	10.0	42245.6 -5003.9
1120	10.0	33844.5 -5018.3	1210	10.0	35338.5 -5022.1	1300	10.0	40809.5 -5040.3	1390	10.0	42250.2 -5005.0
1121	10.0	33850.4 -5001.3	1211	10.0	35342.0 -5003.6	1301	10.0	40818.5 -5005.0	1391	10.0	42254.3 -5029.2
1122	10.0	33900.9 -5011.3	1212	10.0	35355.2 -5030.9	1302	9.9	40827.7 -5042.1	1392	10.0	42318.0 -5032.2
1123	8.3	33911.5 -5028.8	1213	10.0	35408.8 -5005.3	1303	10.0	40833.4 -5027.5	1393	9.5	42318.1 -5012.9
1124	9.9	33914.4 -5008.9	1214	10.0	35419.6 -5014.0	1304	10.0	40837.5 -5017.5	1394	9.8	42349.8 -5044.8
1125	9.3	34018.9 -5051.9	1215	9.9	35428.6 -5044.9	1305	9.8	40838.5 -5002.2	1395	9.8	42408.4 -5037.9
1126	10.0	34025.0 -5050.9	1216	10.0	35445.0 -5026.9	1306	9.9	40847.5 -5057.2	1396	10.0	42418.5 -5005.6
1127	10.0	34032.5 -5028.3	1217	10.0	35452.0 -5042.4	1307	10.0	40905.9 -5031.1	1397	10.0	42424.0 -5036.2
1128	9.6	34036.0 -5038.3	1218	9.6	35458.5 -5037.7	1308	10.0	40929.2 -5047.1	1398	10.0	42427.7 -5024.5
1129	10.0	34050.4 -5048.9	1219	10.0	35504.0 -5012.8	1309	10.0	40933.6 -5041.2	1399	9.9	42434.4 -5033.6
1130	10.0	34053.0 -5044.6	1220	10.0	35510.6 -5008.8	1310	10.0	40945.6 -5040.1	1400	10.0	42439.4 -5055.6
1131	10.0	34120.7 -5042.9	1221	10.0	35532.8 -5009.6	1311	9.5	40954.6 -5027.0	1401	10.0	42456.5 -5049.9
1132	10.0	34144.0 -5050.1	1222	10.0	35537.3 -5038.9	1312	9.9	40954.6 -5044.6	1402	9.6	42526.5 -5007.9
1133	10.0	34204.5 -5009.4	1223	10.0	35540.6 -5020.4	1313	9.9	41004.4 -5022.0	1403	10.0	42615.8 -5019.3
1134	10.0	34214.5 -5008.4	1224	9.4	35624.3 -5040.9	1314	8.4	41014.9 -5054.1	1404	10.0	42616.2 -5032.6
1135	10.0	34220.7 -5001.8	1225	10.0	35628.5 -5026.8	1315	10.0	41019.7 -5001.9	1405	10.0	42620.2 -5002.2
1136	10.0	34222.6 -5030.8	1226	9.9	35633.0 -5005.2	1316	10.0	41044.6 -5042.2	1406	10.0	42624.3 -5006.1
1137	9.3	34226.9 -5045.8	1227	9.1	35636.8 -5033.4	1317	10.0	41046.6 -5019.0	1407	9.7	42628.1 -5047.9
1138	10.0	34229.8 -5049.3	1228	10.0	35642.0 -5047.4	1318	10.0	41051.8 -5047.1	1408	9.4	42637.5 -5052.6
1139	10.0	34231.1 -5057.8	1229	10.0	35648.2 -5002.6	1319	9.9	41052.0 -5014.4	1409	10.0	42652.2 -5055.6
1140	9.6	34236.4 -5020.7	1230	9.5	35651.1 -5036.1	1320	8.4	41059.9 -5044.2	1410	9.7	42659.8 -5016.6
1141	10.0	34259.0 -5001.7	1231	9.9	35654.2 -5000.6	1321	10.0	41103.7 -5024.3	1411	10.0	42721.1 -5014.7
1142	10.0	34259.8 -5033.8	1232	10.0	35703.3 -5056.4	1322	9.7	41103.7 -5003.2	1412	10.0	42721.2 -5004.7
1143	10.0	34305.2 -5014.7	1233	9.3	35709.4 -5008.0	1323	10.0	41151.6 -5011.4	1413	10.0	42745.8 -5058.4
1144	9.3	34307.5 -5018.7	1234	10.0	35721.0 -5019.0	1324	10.0	41154.8 -5015.4	1414	10.0	42746.6 -5038.6
1145	10.0	34310.0 -5051.3	1235	9.9	35723.8 -5037.6	1325	10.0	41229.1 -5030.0	1415	9.4	42811.8 -5056.0
1146	9.1	34323.2 -5052.9	1236	10.0	35726.0 -5036.4	1326	9.8	41232.6 -5040.2	1416	10.0	42828.6 -5024.2
1147	10.0	34334.4 -5018.2	1237	9.3	35740.6 -5046.2	1327	10.0	41232.8 -5013.4	1417	9.7	42842.1 -5023.6
1148	9.9	34341.6 -5027.2	1238	10.0	35748.7 -5002.8	1328	10.0	41251.0 -5013.3	1418	9.6	42844.8 -5017.7
1149	7.8	34350.6 -5027.1	1239	10.0	35750.3 -5042.2	1329	10.0	41250.9 -5055.6	1419	8.0	42845.2 -5012.7
1150	10.0	34354.3 -5058.2	1240	10.0	35753.7 -5007.2	1330	9.4	41306.8 -5015.6	1420	10.0	42850.0 -5042.6
1151	10.0	34410.6 -5033.0	1241	10.0	35759.5 -5022.9	1331	9.7	41311.8 -5043.6	1421	9.6	42912.2 -5058.6
1152	8.3	34440.8 -5049.8	1242	8.3	35804.2 -5051.2	1332	10.0	41315.6 -5028.6	1422	10.0	42915.2 -5028.9
1153	10.0	34445.4 -5033.0	1243	9.7	35819.8 -5028.2	1333	10.0	41321.0 -5017.3	1423	10.0	42916.3 -5004.7
1154	10.0	34449.7 -5005.8	1244	10.0	35821.8 -5011.5	1334	10.0	41348.2 -5050.0	1424	10.0	42919.2 -5013.7
1155	9.9	34455.7 -5039.8	1245	8.0	35829.4 -5051.4	1335	10.0	41348.7 -5001.8	1425	10.0	42920.0 -5012.7
1156	9.1	34500.5 -5029.3	1246	10.0	35837.5 -5038.9	1336	10.0	41350.4 -5005.3	1426	9.0	42924.7 -5043.8
1157	10.0	34513.6 -5040.8	1247	10.0	35907.0 -5041.4	1337	9.9	41407.7 -5058.0	1427	10.0	42936.2 -5013.2
1158	9.6	34520.7 -5059.6	1248	10.0	35920.1 -5010.8	1338	10.0	41410.0 -5043.5	1428	9.7	42945.6 -5050.6
1159	9.8	34521.7 -5024.0	1249	10.0	35925.2 -5052.4	1339	10.0	41432.0 -5035.0	1429	10.0	42946.7 -5054.0
1160	9.8	34522.4 -5046.8	1250	10.0	35940.5 -5017.2	1340	10.0	41436.0 -5053.0	1430	9.9	42955.0 -5010.4
1161	10.0	34525.0 -5003.3	1251	9.9	35945.1 -5054.1	1341	10.0	41452.6 -5048.0	1431	9.6	43003.6 -5015.7
1162	10.0	34526.9 -5049.3	1252	10.0	35951.5 -5049.8	1342	8.4	41526.7 -5008.2	1432	9.8	43039.5 -5046.0
1163	9.9	34528.0 -5053.8	1253	10.0	35957.7 -5030.8	1343	10.0	41534.0 -5023.9	1433	10.0	43122.6 -5023.7
1164	9.1	34533.0 -5025.5	1254	9.9	40000.1 -5006.2	1344	9.1	41612.9 -5055.0	1434	9.5	43138.3 -5053.3
1165	10.0	34548.3 -5045.5	1255	8.5	40009.1 -5034.6	1345	10.0	41613.4 -5048.6	1435	10.0	43148.1 -5033.5
1166	9.0	34551.5 -5047.8	1256	10.0	40014.4 -5007.4	1346	10.0	41614.4 -5040.0	1436	9.3	43150.7 -5043.3
1167	9.3	34604.8 -5017.3	1257	10.0	40016.0 -5005.0	1347	10.0	41621.7 -5025.3	1437	10.0	43206.7 -5023.5
1168	10.0	34621.6 -5049.0	1258	10.0	40019.4 -5022.4	1348	10.0	41626.3 -5005.3	1438	10.0	43211.7 -5012.2
1169	10.0	34709.4 -5017.1	1259	10.0	40023.4 -5024.3	1349	10.0	41626.4 -5002.9	1439	10.0	43217.8 -5052.0
1170	10.0	34716.1 -5028.5	1260	10.0	40027.9 -5044.2	1350	10.0	41629.2 -5053.0	1440	9.7	43220.7 -5042.3

-50 1441 4h32m

-50 1800 5h25m

1441	9.6	43233.6	-5026.2	1531	9.7	44759.0	-5054.1	1621	10.0	50208.1	-5043.0	1711	10.0	51503.1	-5026.8
1442	9.4	43242.2	-5032.0	1532	9.9	44804.1	-5031.5	1622	9.8	50215.6	-5052.0	1712	10.0	51505.7	-5057.2
1443	10.0	43250.5	-5014.7	1533	9.1	44811.1	-5047.1	1623	9.8	50221.8	-5017.8	1713	9.4	51510.7	-5000.6
1444	10.0	43258.1	-5000.4	1534	9.5	44811.4	-5014.5	1624	9.8	50226.0	-5012.4	1714	10.0	51516.4	-5041.8
1445	10.0	43302.2	-5005.8	1535	10.0	44815.8	-5028.1	1625	9.9	50228.1	-5032.6	1715	10.0	51520.8	-5026.1
1446	9.7	43310.6	-5030.3	1536	10.0	44820.8	-5059.2	1626	10.0	50229.9	-5023.4	1716	9.9	51524.2	-5032.0
1447	10.0	43327.0	-5047.5	1537	10.0	44838.0	-5015.2	1627	10.0	50248.2	-5029.0	1717	8.5	51525.8	-5051.5
1448	9.5	43327.3	-5024.0	1538	10.0	44854.6	-5013.2	1628	9.8	50250.0	-5050.6	1718	10.0	51536.4	-5011.2
1449	10.0	43332.4	-5054.2	1539	10.0	44856.9	-5052.0	1629	10.0	50254.2	-5036.6	1719	10.0	51543.2	-5022.3
1450	10.0	43351.8	-5027.3	1540	10.0	44900.5	-5058.0	1630	9.5	50303.2	-5043.9	1720	10.0	51553.8	-5023.3
1451	10.0	43353.8	-5002.8	1541	9.9	44906.6	-5028.5	1631	10.0	50331.2	-5047.0	1721	9.8	51603.8	-5010.6
1452	9.5	43359.8	-5001.4	1542	9.8	44912.3	-5015.5	1632	9.1	50334.1	-5012.0	1722	9.7	51609.5	-5056.6
1453	10.0	43413.4	-5039.5	1543	10.0	44913.0	-5016.5	1633	9.1	50342.6	-5001.2	1723	5.8	51618.4	-5044.6
1454	10.0	43414.9	-5029.0	1544	10.0	44933.2	-5048.5	1634	10.0	50351.5	-5011.0	1724	9.5	51623.9	-5056.9
1455	9.6	43440.3	-5009.7	1545	10.0	44934.6	-5045.8	1635	10.0	50405.6	-5050.6	1725	9.6	51631.5	-5026.4
1456	9.2	43443.8	-5003.7	1546	10.0	44945.7	-5052.3	1636	10.0	50410.3	-5058.6	1726	10.0	51632.0	-5013.5
1457	10.0	43508.8	-5033.9	1547	10.0	44952.4	-5021.0	1637	10.0	50423.4	-5003.1	1727	9.7	51636.3	-5004.6
1458	8.6	43551.2	-5043.4	1548	10.0	45012.6	-5033.3	1638	10.0	50427.8	-5006.8	1728	10.0	51641.5	-5002.4
1459	10.0	43638.9	-5058.9	1549	10.0	45012.6	-5008.0	1639	10.0	50432.7	-5037.5	1729	9.7	51649.6	-5033.2
1460	10.0	43657.2	-5031.9	1550	10.0	45027.0	-5021.0	1640	10.0	50503.8	-5005.8	1730	9.1	51649.9	-5022.0
1461	9.8	43707.0	-5007.6	1551	10.0	45031.4	-5024.5	1641	9.3	50506.1	-5022.7	1731	10.0	51653.0	-5011.2
1462	10.0	43718.8	-5000.7	1552	10.0	45036.0	-5024.3	1642	9.8	50508.2	-5058.2	1732	9.6	51654.6	-5055.0
1463	9.9	43719.3	-5035.4	1553	10.0	45050.8	-5016.3	1643	9.8	50508.8	-5055.7	1733	10.0	51659.4	-5013.9
1464	10.0	43748.5	-5017.7	1554	10.0	45102.3	-5015.5	1644	9.6	50509.0	-5057.4	1734	10.0	51704.5	-5037.0
1465	10.0	43750.2	-5048.9	1555	10.0	45122.2	-5049.3	1645	9.5	50513.3	-5014.0	1735	10.0	51707.0	-5033.5
1466	10.0	43809.0	-5017.2	1556	9.9	45155.2	-5030.7	1646	10.0	50516.6	-5015.0	1736	10.0	51708.0	-5040.0
1467	10.0	43822.5	-5050.4	1557	8.5	45156.4	-5008.7	1647	10.0	50542.0	-5000.4	1737	9.7	51732.1	-5004.0
1468	8.2	43846.5	-5045.5	1558	9.7	45205.4	-5028.2	1648	9.8	50608.2	-5027.4	1738	10.0	51738.3	-5046.5
1469	10.0	43850.7	-5027.9	1559	10.0	45215.6	-5013.8	1649	10.0	50608.6	-5054.0	1739	9.7	51738.8	-5005.5
1470	9.8	43854.4	-5047.6	1560	10.0	45219.8	-5017.3	1650	10.0	50617.4	-5034.0	1740	10.0	51751.6	-5051.0
1471	5.5	43934.5	-5043.4	1561	10.0	45247.5	-5051.3	1651	10.0	50629.3	-5010.4	1741	10.0	51808.3	-5043.5
1472	9.3	43951.5	-5027.2	1562	9.6	45251.6	-5050.5	1652	9.7	50641.5	-5023.7	1742	10.0	51812.5	-5053.5
1473	10.0	43957.5	-5050.3	1563	10.0	45258.0	-5015.8	1653	9.8	50644.4	-5053.2	1743	10.0	51820.0	-5014.3
1474	9.6	44016.4	-5008.0	1564	9.9	45320.3	-5002.8	1654	10.0	50656.5	-5001.2	1744	10.0	51836.0	-5051.0
1475	10.0	44019.5	-5026.9	1565	8.8	45326.4	-5002.6	1655	10.0	50658.0	-5039.8	1745	9.7	51844.9	-5050.5
1476	8.4	44021.9	-5007.3	1566	9.8	45334.6	-5023.5	1656	9.9	50707.4	-5050.9	1746	10.0	51847.8	-5045.5
1477	10.0	44029.3	-5024.5	1567	8.9	45341.4	-5042.0	1657	10.0	50714.6	-5014.4	1747	9.9	51858.0	-5051.0
1478	10.0	44046.2	-5017.9	1568	10.0	45343.2	-5038.0	1658	10.0	50726.8	-5047.4	1748	8.3	51900.7	-5013.8
1479	10.0	44048.2	-5009.0	1569	10.0	45345.1	-5057.3	1659	9.4	50732.8	-5040.6	1749	10.0	51907.2	-5013.2
1480	10.0	44049.5	-5033.5	1570	10.0	45349.2	-5051.7	1660	10.0	50739.3	-5003.8	1750	10.0	51908.2	-5005.8
1481	10.0	44053.0	-5050.8	1571	10.0	45350.5	-5053.3	1661	10.0	50747.4	-5008.8	1751	10.0	51921.6	-5019.0
1482	10.0	44055.2	-5023.2	1572	10.0	45401.2	-5030.3	1662	9.5	50753.3	-5014.7	1752	10.0	51926.3	-5006.8
1483	10.0	44055.4	-5008.7	1573	10.0	45422.4	-5056.3	1663	9.3	50801.3	-5051.3	1753	10.0	51929.2	-5050.5
1484	9.6	44100.4	-5047.0	1574	10.0	45425.0	-5037.5	1664	10.0	50811.1	-5007.4	1754	10.0	51939.0	-5035.5
1485	9.9	44101.2	-5033.3	1575	7.8	45450.5	-5046.0	1665	10.0	50830.3	-5045.8	1755	10.0	51945.9	-5036.5
1486	10.0	44110.4	-5000.3	1576	9.9	45452.3	-5041.6	1666	9.8	50842.7	-5012.9	1756	10.0	52003.9	-5000.3
1487	9.4	44119.6	-5059.6	1577	9.8	45453.8	-5013.8	1667	9.8	50850.9	-5052.8	1757	9.8	52005.5	-5036.5
1488	10.0	44123.3	-5032.6	1578	9.9	45513.0	-5018.0	1668	10.0	50902.5	-5022.0	1758	10.0	52008.8	-5005.1
1489	9.6	44124.8	-5045.6	1579	9.8	45513.5	-5056.2	1669	9.7	50916.2	-5038.3	1759	10.0	52011.0	-5014.0
1490	9.8	44126.6	-5048.0	1580	9.8	45523.7	-5006.5	1670	10.0	50921.9	-5010.3	1760	10.0	52013.6	-5021.2
1491	9.7	44136.8	-5001.1	1581	9.8	45528.3	-5000.1	1671	9.3	50929.2	-5019.3	1761	9.7	52028.6	-5020.2
1492	7.7	44229.9	-5017.3	1582	10.0	45545.8	-5025.0	1672	10.0	50950.2	-5045.3	1762	9.9	52028.2	-5023.6
1493	10.0	44231.0	-5023.3	1583	9.8	45549.7	-5048.6	1673	9.5	51025.4	-5006.3	1763	10.0	52037.5	-5030.0
1494	8.6	44247.7	-5051.0	1584	9.9	45551.1	-5057.0	1674	10.0	51032.8	-5054.3	1764	9.9	52053.6	-5012.2
1495	10.0	44252.2	-5001.8	1585	8.9	45556.3	-5019.7	1675	9.7	51032.8	-5051.3	1765	10.0	52102.3	-5040.5
1496	10.0	44303.0	-5028.0	1586	10.0	45557.4	-5033.1	1676	8.9	51046.0	-5046.8	1766	10.0	52105.0	-5018.7
1497	9.9	44308.2	-5041.6	1587	10.0	45613.8	-5028.4	1677	10.0	51056.2	-5011.8	1767	10.0	52111.4	-5018.4
1498	10.0	44314.4	-5058.6	1588	10.0	45621.9	-5010.6	1678	10.0	51057.7	-5008.5	1768	10.0	52113.9	-5008.3
1499	10.0	44318.2	-5033.6	1589	10.0	45623.9	-5005.1	1679	9.9	51102.5	-5020.8	1769	10.0	52122.8	-5058.9
1500	10.0	44325.8	-5004.7	1590	9.7	45626.6	-5008.3	1680	10.0	51107.6	-5002.5	1770	10.0	52123.6	-5047.2
1501	9.0	44332.0	-5037.2	1591	10.0	45639.6	-5052.0	1681	10.0	51109.8	-5014.8	1771	9.6	52130.8	-5000.6
1502	10.0	44352.5	-5048.6	1592	9.6	45644.5	-5035.0	1682	10.0	51116.4	-5004.4	1772	10.0	52131.6	-5041.9
1503	10.0	44410.3	-5033.6	1593	10.0	45649.2	-5004.2	1683	9.6	51121.6	-5025.3	1773	10.0	52150.3	-5008.2
1504	9.7	44411.1	-5000.6	1594	9.4	45653.6	-5005.1	1684	10.0	51132.8	-5030.3	1774	10.0	52152.2	-5053.4
1505	9.6	44413.1	-5005.3	1595	10.0	45655.3	-5035.0	1685	10.0	51144.8	-5013.4	1775	8.8	52154.0	-5036.4
1506	9.9	44426.8	-5043.6	1596	10.0	45656.4	-5012.2	1686	10.0	51147.4	-5036.3	1776	10.0	52157.3	-5024.0
1507	10.0	44432.3	-5029.6	1597	9.3	45657.8	-5024.2	1687	10.0	51148.9	-5037.3	1777	9.9	52201.6	-5009.2
1508	10.0	44444.6	-5049.2	1598	10.0	45740.0	-5033.5	1688	10.0	51212.1	-5059.5	1778	10.0	52210.0	-5039.4
1509	10.0	44458.8	-5011.8	1599	9.6	45749.4	-5036.1	1689	10.0	51212.5	-5056.8	1779	9.7	52211.9	-5051.1
1510	9.2	44502.8	-5014.4	1600	10.0	45751.2	-5005.1	1690	10.0	51218.8	-5049.8	1780	10.0	52219.6	-5040.4
1511	9.9	44511.3	-5046.9	1601	10.0	45751.7	-5003.2	1691	9.9	51221.5	-5032.3	1781	10.0	52235.1	-5051.4
1512	7.4	44516.2	-5000.7	1602	10.0	45820.6	-5006.4	1692	10.0	51237.3	-5011.2	1782	9.9	52252.7	-5018.0
1513	9.7	44521.4	-5032.5	1603	8.9	45842.3	-5027.1	1693	10.0	51240.9	-5019.4	1783	10.0	52309.4	-5018.6
1514	8.1	44530.4	-5006.3	1604	10.0	45845.7	-5035.0	1694	9.9	51256.6	-5042.6	1784	9.9	52319.2	-5026.2
1515	9.9	44542.9	-5023.2	1605	8.5	45915.5	-5030.6	1695	10.0	51259.2	-5043.7	1785	10.0	52320.2	-5025.6
1516	10.0	44547.6	-5047.0	1606	8.0	45924.1	-5037.5	1696	10.0	51300.6	-5058.1	1786	10.0	52345.6	-5056.4
1517	9.8	44551.6	-5007.0	1607	7.9	45942.8	-5058.0	1697	10.0	51300.6	-5038.9	1787	9.8	52350.8	-5016.9
1518	9.4	44554.8	-5002.9	1608	10.0	45954.7	-5058.5	1698	10.0	51326.6	-5040.8	1788	9.8	52351.9	-5005.6
1519	9.3	44606.5	-5008.0	1609	7.5	50003.5	-5029.8	1699	10.0	51334.5	-5032.3	1789	9.5	52402.0	-5025.0
1520	10.0	44623.3	-5023.2	1610	9.9	50016.7	-5024.0	1700	10.0	51342.6	-5000.6	1790	9.6	52416.2	-5008.4
1521	10.0	44626.9	-5003.0	1611	10.0	50021.4	-5012.8	1701	10.0	51345.0	-5009.0	1791	10.0	52431.3	-5000.9
1522	10.0	44630.5	-5039.5	1612	10.0	50028.8	-5034.6	1702	10.0	51356.6	-5034.6	1792	9.7	52437.8	-5007.3
1523	9.9	44638.5	-5056.7	1613	9.9	50033.2	-5051.7	1703	9.2	51401.6	-5042.9	1793	9.8	52439.8	-5055.4
1524	10.0	44648.2	-5043.5	1614	9.9	50102.1	-5053.7	1704	10.0	51412.1	-5009.6	1794	9.8	52517.3	-5004.3
1525	9.9	44653.2	-5053.0	1615	10.0	50133.8	-5020.9	1705	9.8	51414.9	-5040.3	1795	10.0	52518.0	-5028.6
1526	10.0	44720.4	-5011.5	1616	10.0	50138.3	-5024.8	1706	10.0	51423.0	-5027.7	1796	9.6	52526.0	-5032.2
1527	10.0	44721.0	-5016.7	1617	10.0	50140.4	-5050.0	1707	10.0	51428.7	-5000.8	1797	10.0	52530.3	-5009.1
1528	10.0	44738.1	-5018.2	1618	10.0	50147.3	-5030.4	1708	9.5	51430.6	-5022.4	1798	10.0	52534.9	-5032.8
1529	10.0	44738.6	-5033.5	1619	9.8	50153.4	-5038.6	1709	9.9	51439.2	-5022.4	1799	10.0	52536.0	-5044.8
1530	10.0	44748.3	-5040.0	1620	10.0	50201.3	-5000.4	1710	10.0	51457.6	-5026.2	1800	10.0	52536.4	-5017.4

-50 1801 5h25m

-50 2160 6h14m

1801	7.5	52550.4	-5048.8	1891	8.5	53823.3	-5048.9	1981	9.4	55206.2	-5036.6	2071	10.0	60354.0	-5004.6
1802	10.0	52600.3	-5028.8	1892	9.8	53836.8	-5058.8	1982	10.0	55217.6	-5019.7	2072	10.0	60408.4	-5009.4
1803	10.0	52627.9	-5030.4	1893	10.0	53841.1	-5046.8	1983	10.0	55224.3	-5008.6	2073	9.8	60409.8	-5018.1
1804	10.0	52633.5	-5016.9	1894	8.9	53843.0	-5004.0	1984	10.0	55228.2	-5020.6	2074	10.0	60410.9	-5023.0
1805	10.0	52649.5	-5003.2	1895	10.0	53848.8	-5041.8	1985	9.7	55232.3	-5036.5	2075	10.0	60416.5	-5019.7
1806	10.0	52656.4	-5025.7	1896	10.0	53849.2	-5043.8	1986	10.0	55251.8	-5051.5	2076	10.0	60425.0	-5003.0
1807	9.1	52712.4	-5038.0	1897	9.4	53911.6	-5007.8	1987	10.0	55258.0	-5006.8	2077	10.0	60429.6	-5022.3
1808	10.0	52720.4	-5011.0	1898	9.2	53925.0	-5032.2	1988	10.0	55259.3	-5005.6	2078	10.0	60432.6	-5051.6
1809	10.0	52723.2	-5047.7	1899	10.0	53931.4	-5050.4	1989	10.0	55305.5	-5022.2	2079	10.0	60447.1	-5034.0
1810	7.6	52724.4	-5011.6	1900	10.0	53937.3	-5021.8	1990	10.0	55319.9	-5045.5	2080	10.0	60453.8	-5018.0
1811	10.0	52738.1	-5028.1	1901	10.0	53955.4	-5004.7	1991	9.9	55326.5	-5056.3	2081	10.0	60502.6	-5001.9
1812	9.8	52751.0	-5037.5	1902	10.0	54011.6	-5021.4	1992	10.0	55331.2	-5023.3	2082	9.5	60514.2	-5008.2
1813	10.0	52805.6	-5044.5	1903	10.0	54012.0	-5055.8	1993	10.0	55331.4	-5021.2	2083	8.7	60514.9	-5058.5
1814	10.0	52807.4	-5049.2	1904	9.4	54028.6	-5031.0	1994	10.0	55337.4	-5029.5	2084	9.7	60519.6	-5035.0
1815	10.0	52808.3	-5012.8	1905	10.0	54033.7	-5044.8	1995	10.0	55344.5	-5012.3	2085	10.0	60530.3	-5044.3
1816	8.5	52812.2	-5033.1	1906	9.9	54033.8	-5032.2	1996	10.0	55347.8	-5028.2	2086	10.0	60532.9	-5047.0
1817	10.0	52816.7	-5050.2	1907	9.6	54040.0	-5005.5	1997	10.0	55354.9	-5052.5	2087	8.8	60551.9	-5038.9
1818	10.0	52826.4	-5041.7	1908	10.0	54044.6	-5035.8	1998	10.0	55410.6	-5004.9	2088	10.0	60554.6	-5026.8
1819	8.0	52826.9	-5009.3	1909	10.0	54046.4	-5048.8	1999	10.0	55413.2	-5026.8	2089	10.0	60559.6	-5001.6
1820	10.0	52834.3	-5004.4	1910	10.0	54051.2	-5003.2	2000	10.0	55421.2	-5045.0	2090	10.0	60601.1	-5053.6
1821	10.0	52855.9	-5011.4	1911	10.0	54128.0	-5042.4	2001	10.0	55446.9	-5019.0	2091	10.0	60604.4	-5033.6
1822	10.0	52858.3	-5003.7	1912	9.8	54131.2	-5051.0	2002	10.0	55504.6	-5017.8	2092	10.0	60604.8	-5011.9
1823	9.2	52859.9	-5050.3	1913	9.7	54139.7	-5007.0	2003	10.0	55519.4	-5007.2	2093	9.9	60617.9	-5035.1
1824	10.0	52905.0	-5058.2	1914	9.9	54152.4	-5002.8	2004	9.4	55522.0	-5017.7	2094	10.0	60625.5	-5026.7
1825	10.0	52911.5	-5032.6	1915	10.0	54156.2	-5033.8	2005	9.7	55540.5	-5024.7	2095	9.6	60637.7	-5028.6
1826	10.0	52923.0	-5056.2	1916	9.9	54203.0	-5045.6	2006	10.0	55542.1	-5043.2	2096	10.0	60653.0	-5023.6
1827	10.0	52936.6	-5007.2	1917	9.4	54205.9	-5057.7	2007	9.4	55544.8	-5017.4	2097	9.9	60657.8	-5038.3
1828	9.9	52936.7	-5000.8	1918	8.5	54210.9	-5015.4	2008	9.5	55558.5	-5041.3	2098	9.5	60722.5	-5040.4
1829	10.0	52938.8	-5026.9	1919	9.6	54211.6	-5053.8	2009	10.0	55604.1	-5025.8	2099	10.0	60724.5	-5021.6
1830	9.9	52943.6	-5059.9	1920	10.0	54213.3	-5029.8	2010	10.0	55604.5	-5011.7	2100	10.0	60733.6	-5022.0
1831	10.0	52945.9	-5013.5	1921	10.0	54224.0	-5027.0	2011	10.0	55606.6	-5003.3	2101	9.7	60737.5	-5039.9
1832	10.0	52947.9	-5046.8	1922	9.9	54225.7	-5018.0	2012	9.9	55616.8	-5018.0	2102	10.0	60749.6	-5030.8
1833	9.8	52953.5	-5039.2	1923	10.0	54234.1	-5016.7	2013	9.5	55635.5	-5018.7	2103	9.5	60758.8	-5004.6
1834	9.8	52957.6	-5014.6	1924	9.8	54236.2	-5017.0	2014	9.8	55638.8	-5044.8	2104	9.5	60759.8	-5016.4
1835	10.0	53013.2	-5021.5	1925	9.7	54255.1	-5009.3	2015	10.0	55651.2	-5004.9	2105	10.0	60800.0	-5003.9
1836	9.2	53024.4	-5056.6	1926	10.0	54309.2	-5015.6	2016	10.0	55655.0	-5019.8	2106	10.0	60834.0	-5008.9
1837	10.0	53043.8	-5019.9	1927	8.6	54313.0	-5055.1	2017	10.0	55655.3	-5025.7	2107	10.0	60841.8	-5022.8
1838	10.0	53050.0	-5039.6	1928	9.9	54316.4	-5051.8	2018	10.0	55707.8	-5028.3	2108	10.0	60846.2	-5032.3
1839	10.0	53055.5	-5054.2	1929	10.0	54323.7	-5025.2	2019	9.8	55712.9	-5058.8	2109	7.7	60852.4	-5045.4
1840	10.0	53055.7	-5043.6	1930	10.0	54326.6	-5048.9	2020	9.9	55737.4	-5020.9	2110	10.0	60856.9	-5025.7
1841	10.0	53107.0	-5023.2	1931	9.5	54326.6	-5022.8	2021	9.8	55743.0	-5014.1	2111	10.0	60914.2	-5048.8
1842	10.0	53109.2	-5027.0	1932	9.9	54342.6	-5045.6	2022	10.0	55750.0	-5007.3	2112	9.8	60919.9	-5007.9
1843	10.0	53114.8	-5055.2	1933	8.5	54347.7	-5053.9	2023	10.0	55755.6	-5018.0	2113	10.0	60930.8	-5022.8
1844	10.0	53120.5	-5030.2	1934	9.2	54351.7	-5047.9	2024	10.0	55759.3	-5014.3	2114	10.0	60934.7	-5021.2
1845	10.0	53148.9	-5036.6	1935	10.0	54410.4	-5041.5	2025	10.0	55802.5	-5016.4	2115	10.0	60935.8	-5040.3
1846	9.9	53158.8	-5011.0	1936	10.0	54411.0	-5023.6	2026	10.0	55818.6	-5048.0	2116	9.7	60939.0	-5034.1
1847	10.0	53203.1	-5036.6	1937	10.0	54411.1	-5052.0	2027	10.0	55818.6	-5025.6	2117	10.0	60944.6	-5047.8
1848	10.0	53206.5	-5039.6	1938	9.9	54419.6	-5008.0	2028	9.8	55824.2	-5044.4	2118	9.9	61004.6	-5004.0
1849	9.9	53207.6	-5004.5	1939	10.0	54422.3	-5050.5	2029	10.0	55834.4	-5023.3	2119	10.0	61013.9	-5050.3
1850	10.0	53221.4	-5059.2	1940	10.0	54436.4	-5022.4	2030	9.9	55834.7	-5036.8	2120	9.7	61030.4	-5023.0
1851	9.9	53222.4	-5054.0	1941	9.2	54441.2	-5005.2	2031	9.5	55839.0	-5042.0	2121	9.2	61030.8	-5000.1
1852	10.0	53306.0	-5010.4	1942	9.8	54445.3	-5023.5	2032	10.0	55908.5	-5019.9	2122	10.0	61040.6	-5047.8
1853	10.0	53314.1	-5021.4	1943	10.0	54502.2	-5000.1	2033	10.0	55908.6	-5021.5	2123	9.7	61043.5	-5027.6
1854	9.7	53357.5	-5052.3	1944	10.0	54532.6	-5004.5	2034	10.0	55909.4	-5034.3	2124	10.0	61045.6	-5055.3
1855	10.0	53359.1	-5047.6	1945	10.0	54537.3	-5052.6	2035	10.0	55911.0	-5013.8	2125	9.6	61051.4	-5020.3
1856	9.9	53359.8	-5005.5	1946	10.0	54546.6	-5034.6	2036	9.7	55915.7	-5036.0	2126	9.8	61129.7	-5010.2
1857	10.0	53403.0	-5027.6	1947	10.0	54611.4	-5045.6	2037	10.0	55922.4	-5002.4	2127	10.0	61132.3	-5001.6
1858	7.9	53405.7	-5029.0	1948	9.9	54629.8	-5001.7	2038	9.6	55932.7	-5034.8	2128	10.0	61132.5	-5056.3
1859	10.0	53410.6	-5011.8	1949	10.0	54648.3	-5040.7	2039	10.0	60010.4	-5022.5	2129	10.0	61133.4	-5009.0
1860	9.7	53433.1	-5023.6	1950	10.0	54658.0	-5049.2	2040	10.0	60011.4	-5013.8	2130	9.8	61135.8	-5042.8
1861	10.0	53453.0	-5029.0	1951	9.6	54659.9	-5003.0	2041	9.6	60030.4	-5029.5	2131	10.0	61136.4	-5028.8
1862	10.0	53458.4	-5005.1	1952	9.6	54700.5	-5013.8	2042	9.9	60031.0	-5022.5	2132	9.9	61138.2	-5050.1
1863	9.8	53509.8	-5009.3	1953	9.4	54713.1	-5055.6	2043	10.0	60036.1	-5049.3	2133	9.8	61139.0	-5010.2
1864	6.5	53516.4	-5042.8	1954	10.0	54723.0	-5027.3	2044	10.0	60042.5	-5049.7	2134	10.0	61150.7	-5057.3
1865	10.0	53525.8	-5011.1	1955	10.0	54746.6	-5007.4	2045	9.5	60056.0	-5018.5	2135	10.0	61158.2	-5018.4
1866	10.0	53532.9	-5027.9	1956	10.0	54753.1	-5010.9	2046	10.0	60104.1	-5013.5	2136	9.8	61201.0	-5009.0
1867	10.0	53536.7	-5009.9	1957	8.6	54753.7	-5044.5	2047	10.0	60114.0	-5024.5	2137	10.0	61205.0	-5002.0
1868	9.9	53539.6	-5014.6	1958	10.0	54755.3	-5005.9	2048	10.0	60115.0	-5006.4	2138	10.0	61205.8	-5000.7
1869	10.0	53541.3	-5052.6	1959	8.7	54758.8	-5040.5	2049	9.7	60121.5	-5058.7	2139	10.0	61210.2	-5050.3
1870	9.6	53555.8	-5004.6	1960	8.5	54807.7	-5017.4	2050	9.9	60147.0	-5013.5	2140	9.9	61237.2	-5041.4
1871	9.3	53600.0	-5012.0	1961	10.0	54815.7	-5039.6	2051	10.0	60149.0	-5025.2	2141	9.9	61244.9	-5018.5
1872	9.7	53600.0	-5012.2	1962	10.0	54824.2	-5047.3	2052	10.0	60150.7	-5003.3	2142	10.0	61301.2	-5047.8
1873	10.0	53604.7	-5050.0	1963	9.8	54834.5	-5039.3	2053	10.0	60153.6	-5048.6	2143	9.1	61304.3	-5056.0
1874	10.0	53605.8	-5055.9	1964	10.0	54847.8	-5051.2	2054	10.0	60212.1	-5004.9	2144	10.0	61306.6	-5003.0
1875	10.0	53610.6	-5031.6	1965	10.0	54905.3	-5052.2	2055	10.0	60218.3	-5001.3	2145	10.0	61312.9	-5045.8
1876	10.0	53616.8	-5035.0	1966	9.3	54905.9	-5053.8	2056	10.0	60219.3	-5008.3	2146	10.0	61318.7	-5005.0
1877	10.0	53652.6	-5035.6	1967	9.8	54910.0	-5000.8	2057	9.9	60224.0	-5047.5	2147	10.0	61334.4	-5035.2
1878	9.0	53700.9	-5045.1	1968	9.4	54912.5	-5024.0	2058	10.0	60225.2	-5032.0	2148	10.0	61335.9	-5036.7
1879	10.0	53704.7	-5020.8	1969	9.6	54913.0	-5056.3	2059	10.0	60235.9	-5007.4	2149	10.0	61336.8	-5054.1
1880	10.0	53705.1	-5003.5	1970	9.9	54940.2	-5045.3	2060	9.9	60242.8	-5031.3	2150	10.0	61344.9	-5043.9
1881	10.0	53712.8	-5053.0	1971	10.0	55005.1	-5039.5	2061	10.0	60244.7	-5030.0	2151	10.0	61352.7	-5018.9
1882	9.9	53731.2	-5047.5	1972	10.0	55010.2	-5015.6	2062	9.8	60255.3	-5020.2	2152	10.0	61359.3	-5030.6
1883	10.0	53750.4	-5028.4	1973	9.9	55018.6	-5026.2	2063	10.0	60302.7	-5042.6	2153	10.0	61406.6	-5031.8
1884	10.0	53756.3	-5010.4	1974	10.0	55045.4	-5047.6	2064	9.9	60336.4	-5026.0	2154	9.8	61416.0	-5021.8
1885	10.0	53757.8	-5001.7	1975	10.0	55047.6	-5026.9	2065	9.9	60339.0	-5014.7	2155	9.9	61418.1	-5058.2
1886	10.0	53759.6	-5000.0	1976	9.8	55059.6	-5027.3	2066	9.7	60341.0	-5017.5	2156	9.5	61420.5	-5050.3
1887	10.0	53803.2	-5054.5	1977	7.0	55107.5	-5024.2	2067	9.9	60346.7	-5016.1	2157	10.0	61421.8	-5035.9
1888	10.0	53803.2	-5050.0	1978	10.0	55125.2	-5018.0	2068	10.0	60347.7	-5031.6	2158	10.0	61426.9	-5007.7
1889	9.9	53810.9	-5031.9	1979	10.0	55126.7	-5021.6	2069	10.0	60349.6	-5042.0	2159	9.0	61451.6	-5027.5
1890	10.0	53820.8	-5024.1	1980	10.0	55138.5	-5047.0	2070	9.9	60352.0	-5046.0	2160	9.5	61451.7	-5053.6

-50 2161 6h14m

-50 2520 6h58m

2161	10.0	61458.0 -5005.0	2251	9.6	62802.5 -5046.8	2341	10.0	63743.1 -5031.1	2431	10.0	64848.2 -5044.7
2162	10.0	61506.3 -5002.6	2252	10.0	62805.1 -5057.4	2342	10.0	63746.8 -5057.6	2432	10.0	64849.6 -5048.5
2163	9.9	61513.3 -5045.0	2253	9.7	62813.7 -5022.2	2343	9.9	63757.4 -5017.8	2433	10.0	64901.4 -5011.8
2164	10.0	61523.9 -5008.8	2254	10.0	62828.3 -5024.8	2344	10.0	63800.5 -5020.4	2434	9.8	64902.4 -5038.2
2165	10.0	61533.2 -5004.1	2255	10.0	62829.4 -5047.3	2345	9.9	63806.0 -5059.6	2435	10.0	64910.6 -5003.1
2166	10.0	61534.1 -5038.1	2256	10.0	62834.3 -5056.4	2346	10.0	63819.4 -5037.6	2436	10.0	64915.4 -5005.7
2167	10.0	61534.6 -5058.2	2257	10.0	62837.2 -5015.3	2347	9.5	63828.9 -5020.6	2437	9.9	64927.8 -5049.0
2168	10.0	61543.0 -5006.1	2258	10.0	62838.6 -5042.4	2348	10.0	63834.4 -5035.6	2438	9.9	64930.4 -5054.3
2169	7.0	61543.6 -5018.5	2259	9.9	62842.2 -5043.4	2349	9.4	63838.4 -5022.0	2439	10.0	64942.9 -5031.3
2170	10.0	61550.5 -5054.0	2260	10.0	62852.9 -5018.8	2350	9.2	63839.3 -5053.0	2440	10.0	64945.0 -5034.7
2171	10.0	61604.8 -5007.5	2261	10.0	62854.2 -5009.4	2351	9.9	63844.8 -5027.4	2441	10.0	64952.8 -5048.3
2172	10.0	61625.3 -5053.6	2262	10.0	62916.6 -5015.5	2352	9.8	63907.9 -5050.3	2442	10.0	64953.4 -5019.8
2173	9.7	61632.5 -5024.6	2263	10.0	62920.0 -5053.8	2353	10.0	63927.1 -5012.4	2443	10.0	64955.0 -5052.3
2174	10.0	61636.7 -5013.4	2264	10.0	62930.8 -5043.8	2354	10.0	63932.3 -5041.6	2444	10.0	65000.5 -5026.3
2175	9.3	61645.0 -5050.2	2265	9.8	62937.2 -5059.8	2355	10.0	63938.2 -5013.8	2445	10.0	65002.1 -5022.3
2176	10.0	61654.7 -5024.0	2266	10.0	62943.5 -5020.4	2356	9.3	63938.8 -5020.0	2446	10.0	65007.4 -5035.7
2177	10.0	61704.3 -5037.6	2267	10.0	62945.3 -5012.4	2357	7.0	63943.5 -5019.8	2447	9.7	65010.3 -5017.0
2178	10.0	61721.8 -5024.5	2268	7.7	62946.0 -5022.8	2358	10.0	63950.0 -5053.2	2448	9.2	65014.5 -5059.2
2179	10.0	61738.0 -5028.0	2269	9.8	63009.7 -5046.6	2359	9.9	63957.6 -5001.4	2449	10.0	65014.6 -5034.2
2180	10.0	61742.6 -5013.0	2270	10.0	63011.4 -5046.1	2360	10.0	64001.0 -5037.5	2450	10.0	65015.6 -5022.3
2181	10.0	61750.3 -5018.5	2271	10.0	63014.8 -5057.4	2361	10.0	64003.9 -5036.5	2451	9.4	65016.4 -5039.2
2182	10.0	61803.4 -5038.0	2272	9.8	63025.0 -5029.6	2362	9.8	64008.4 -5018.8	2452	9.9	65025.0 -5003.3
2183	9.8	61807.2 -5012.0	2273	10.0	63029.0 -5004.4	2363	10.0	64009.5 -5010.4	2453	10.0	65028.6 -5000.8
2184	10.0	61814.3 -5023.0	2274	9.4	63035.0 -5017.4	2364	9.2	64010.0 -5031.6	2454	10.0	65031.8 -5055.2
2185	10.0	61819.8 -5053.0	2275	10.0	63036.0 -5046.8	2365	10.0	64016.4 -5032.5	2455	10.0	65033.7 -5008.3
2186	8.9	61837.7 -5016.6	2276	10.0	63042.9 -5011.4	2366	10.0	64020.8 -5044.0	2456	10.0	65045.9 -5012.8
2187	9.3	61916.0 -5030.8	2277	10.0	63044.6 -5017.4	2367	10.0	64037.1 -5059.6	2457	9.6	65052.0 -5005.5
2188	9.8	61927.3 -5052.8	2278	10.0	63059.7 -5035.4	2368	10.0	64044.1 -5006.8	2458	6.7	65056.6 -5027.6
2189	10.0	61927.7 -5042.4	2279	10.0	63100.6 -5029.8	2369	9.1	64058.1 -5024.0	2459	10.0	65104.4 -5053.7
2190	8.1	61937.9 -5002.2	2280	9.7	63100.9 -5020.4	2370	10.0	64058.7 -5026.4	2460	10.0	65112.2 -5052.5
2191	9.3	61939.6 -5054.2	2281	9.7	63102.0 -5002.0	2371	10.0	64101.1 -5049.0	2461	10.0	65143.7 -5009.4
2192	9.8	62003.4 -5015.7	2282	10.0	63110.3 -5004.6	2372	10.0	64127.8 -5040.5	2462	10.0	65156.6 -5004.5
2193	10.0	62017.0 -5046.4	2283	10.0	63111.5 -5052.8	2373	10.0	64134.8 -5032.5	2463	10.0	65158.7 -5035.2
2194	10.0	62022.4 -5052.3	2284	9.8	63117.5 -5035.3	2374	8.7	64143.7 -5058.3	2464	10.0	65200.9 -5021.4
2195	10.0	62022.7 -5007.4	2285	9.9	63120.5 -5047.5	2375	9.6	64148.1 -5050.0	2465	10.0	65210.6 -5051.2
2196	10.0	62025.2 -5028.7	2286	10.0	63132.9 -5055.4	2376	9.4	64150.7 -5026.5	2466	9.9	65211.5 -5052.0
2197	10.0	62041.4 -5049.0	2287	9.5	63139.5 -5046.3	2377	10.0	64154.4 -5004.3	2467	10.0	65217.8 -5009.7
2198	8.9	62045.3 -5009.4	2288	10.0	63139.6 -5033.7	2378	10.0	64203.8 -5022.7	2468	10.0	65235.4 -5007.1
2199	10.0	62046.2 -5047.0	2289	10.0	63140.9 -5034.7	2379	9.6	64208.3 -5009.4	2469	10.0	65242.0 -5001.9
2200	10.0	62050.1 -5033.3	2290	8.5	63142.2 -5000.8	2380	9.9	64220.9 -5000.5	2470	9.5	65253.1 -5025.7
2201	10.0	62052.4 -5045.7	2291	10.0	63149.5 -5004.0	2381	10.0	64221.1 -5020.6	2471	10.0	65257.6 -5054.1
2202	7.8	62105.0 -5027.7	2292	10.0	63155.7 -5030.1	2382	9.9	64224.1 -5059.0	2472	10.0	65307.0 -5056.1
2203	9.6	62116.0 -5051.0	2293	9.8	63219.5 -5026.2	2383	9.6	64229.3 -5036.6	2473	10.0	65309.0 -5047.1
2204	8.6	62128.8 -5001.4	2294	10.0	63226.3 -5023.1	2384	10.0	64236.8 -5021.6	2474	9.6	65310.6 -5024.5
2205	9.1	62139.6 -5011.7	2295	7.0	63229.8 -5011.6	2385	10.0	64242.6 -5031.4	2475	10.0	65327.3 -5043.1
2206	10.0	62156.6 -5022.6	2296	10.0	63250.6 -5055.2	2386	10.0	64258.3 -5012.1	2476	10.0	65331.2 -5031.6
2207	10.0	62159.2 -5044.4	2297	10.0	63255.6 -5054.2	2387	10.0	64312.8 -5048.9	2477	7.8	65342.4 -5051.1
2208	10.0	62229.4 -5013.4	2298	10.0	63300.6 -5022.3	2388	10.0	64313.1 -5018.1	2478	8.5	65343.0 -5035.3
2209	10.0	62232.9 -5022.4	2299	9.6	63314.3 -5054.7	2389	10.0	64315.3 -5007.6	2479	10.0	65404.5 -5032.1
2210	10.0	62236.0 -5021.2	2300	7.3	63322.0 -5013.2	2390	10.0	64324.4 -5003.8	2480	10.0	65406.3 -5021.3
2211	10.0	62239.8 -5004.6	2301	9.8	63322.8 -5011.6	2391	10.0	64338.4 -5009.0	2481	8.3	65417.9 -5050.0
2212	10.0	62240.5 -5017.4	2302	9.7	63335.0 -5016.4	2392	10.0	64341.6 -5041.3	2482	9.9	65421.2 -5014.6
2213	9.9	62252.8 -5053.9	2303	10.0	63336.0 -5018.8	2393	10.0	64351.5 -5018.6	2483	10.0	65430.4 -5014.0
2214	10.0	62258.2 -5030.3	2304	9.8	63337.0 -5032.0	2394	9.3	64354.9 -5014.8	2484	10.0	65453.5 -5042.0
2215	10.0	62315.7 -5035.5	2305	9.9	63342.2 -5044.9	2395	10.0	64402.6 -5043.1	2485	10.0	65456.1 -5007.1
2216	9.3	62317.6 -5056.3	2306	10.0	63349.4 -5000.3	2396	10.0	64421.1 -5045.4	2486	9.9	65458.8 -5039.3
2217	10.0	62327.9 -5012.0	2307	8.4	63400.9 -5022.1	2397	10.0	64435.5 -5016.6	2487	10.0	65502.6 -5033.0
2218	10.0	62334.8 -5053.7	2308	9.9	63402.7 -5001.5	2398	10.0	64452.0 -5034.9	2488	10.0	65508.0 -5025.8
2219	10.0	62355.6 -5014.9	2309	8.6	63408.3 -5059.8	2399	10.0	64454.2 -5027.6	2489	8.3	65509.8 -5000.7
2220	10.0	62402.8 -5015.6	2310	10.0	63459.7 -5026.2	2400	9.8	64456.9 -5026.4	2490	9.9	65516.8 -5021.0
2221	9.7	62402.8 -5032.4	2311	10.0	63502.4 -5018.6	2401	10.0	64521.3 -5057.9	2491	9.8	65529.9 -5025.3
2222	10.0	62411.0 -5029.5	2312	10.0	63503.2 -5010.1	2402	10.0	64524.3 -5013.1	2492	10.0	65537.0 -5047.8
2223	10.0	62417.3 -5022.2	2313	10.0	63506.0 -5039.7	2403	9.7	64529.3 -5036.0	2493	9.8	65537.5 -5031.2
2224	10.0	62421.5 -5026.3	2314	9.3	63512.1 -5017.1	2404	10.0	64533.6 -5011.6	2494	9.7	65539.1 -5029.0
2225	10.0	62430.8 -5058.9	2315	10.0	63524.4 -5044.7	2405	10.0	64534.5 -5000.5	2495	9.8	65543.5 -5051.6
2226	10.0	62433.2 -5023.2	2316	10.0	63538.3 -5034.2	2406	9.8	64542.8 -5031.8	2496	9.6	65544.8 -5048.0
2227	10.0	62433.3 -5042.0	2317	10.0	63548.6 -5046.2	2407	10.0	64616.2 -5037.4	2497	10.0	65550.6 -5030.6
2228	10.0	62441.1 -5005.6	2318	10.0	63549.6 -5052.3	2408	10.0	64616.5 -5039.5	2498	9.3	65557.8 -5008.8
2229	10.0	62443.7 -5013.1	2319	8.6	63608.3 -5059.7	2409	9.9	64620.0 -5038.8	2499	9.7	65559.8 -5033.3
2230	10.0	62500.8 -5040.3	2320	8.3	63614.0 -5049.2	2410	9.6	64627.9 -5045.0	2500	10.0	65611.0 -5013.6
2231	10.0	62514.7 -5054.3	2321	9.8	63616.8 -5031.2	2411	9.8	64634.4 -5000.6	2501	10.0	65616.1 -5039.6
2232	10.0	62524.0 -5046.7	2322	9.4	63617.7 -5017.8	2412	8.7	64638.4 -5049.0	2502	10.0	65617.6 -5010.3
2233	9.4	62527.1 -5029.0	2323	10.0	63618.5 -5019.4	2413	10.0	64644.0 -5014.6	2503	9.6	65618.4 -5003.7
2234	10.0	62530.0 -5019.2	2324	9.9	63624.3 -5043.2	2414	8.5	64644.7 -5000.2	2504	9.8	65622.6 -5012.1
2235	10.0	62547.6 -5007.2	2325	9.8	63624.8 -5059.0	2415	3.2	64650.2 -5028.0	2505	9.8	65636.2 -5023.4
2236	9.9	62550.8 -5058.0	2326	10.0	63630.0 -5041.7	2416	9.4	64653.2 -5048.0	2506	10.0	65643.6 -5018.4
2237	10.0	62552.4 -5037.7	2327	9.6	63634.0 -5023.4	2417	10.0	64658.2 -5009.6	2507	9.6	65650.8 -5036.8
2238	10.0	62604.0 -5015.2	2328	10.0	63635.8 -5007.4	2418	9.8	64710.2 -5008.8	2508	9.8	65653.6 -5038.2
2239	10.0	62633.3 -5012.0	2329	9.4	63649.5 -5057.2	2419	9.6	64721.0 -5054.4	2509	10.0	65700.8 -5049.0
2240	9.0	62643.9 -5009.0	2330	10.0	63655.7 -5043.2	2420	10.0	64742.0 -5014.4	2510	10.0	65705.8 -5029.0
2241	5.6	62644.9 -5009.2	2331	10.0	63657.7 -5013.0	2421	9.9	64742.6 -5025.6	2511	10.0	65706.9 -5032.0
2242	10.0	62647.7 -5059.8	2332	9.8	63704.6 -5026.2	2422	10.0	64746.9 -5057.8	2512	9.9	65707.6 -5019.0
2243	9.3	62657.8 -5050.8	2333	10.0	63716.5 -5044.6	2423	9.9	64748.3 -5043.3	2513	10.0	65712.0 -5019.8
2244	9.7	62658.4 -5022.0	2334	10.0	63718.4 -5057.6	2424	10.0	64752.6 -5025.5	2514	10.0	65730.0 -5037.1
2245	10.0	62659.7 -5006.4	2335	9.9	63723.5 -5014.4	2425	9.8	64812.3 -5023.0	2515	10.0	65734.6 -5045.0
2246	10.0	62700.2 -5004.8	2336	10.0	63725.2 -5027.6	2426	10.0	64814.8 -5006.3	2516	9.9	65736.9 -5024.2
2247	10.0	62710.8 -5012.2	2337	10.0	63726.7 -5002.7	2427	10.0	64818.6 -5023.8	2517	9.1	65751.8 -5056.5
2248	10.0	62752.4 -5037.0	2338	10.0	63730.1 -5053.1	2428	9.8	64818.7 -5035.4	2518	9.5	65759.6 -5026.0
2249	9.9	62758.6 -5015.0	2339	10.0	63737.5 -5036.1	2429	9.9	64843.0 -5042.7	2519	9.6	65804.8 -5043.0
2250	10.0	62759.7 -5044.8	2340	9.9	63739.6 -5033.4	2430	9.7	64846.8 -5046.3	2520	7.3	65809.3 -5017.3

-50 2521 6h58m

-50 2880 7h33m

2521	10.0	65829.0	-5053.5	2611	10.0	70634.8	-5021.6	2701	10.0	71713.7	-5030.5	2791	8.6	72626.8	-5055.3
2522	10.0	65836.6	-5028.3	2612	8.6	70643.7	-5013.3	2702	10.0	71720.9	-5037.2	2792	9.9	72631.6	-5026.1
2523	10.0	65836.6	-5042.8	2613	9.6	70702.6	-5046.5	2703	10.0	71727.0	-5008.4	2793	9.5	72631.7	-5018.0
2524	10.0	65842.1	-5016.0	2614	10.0	70712.4	-5048.2	2704	10.0	71727.5	-5016.3	2794	10.0	72633.0	-5033.6
2525	10.0	65843.3	-5049.5	2615	10.0	70724.5	-5036.2	2705	10.0	71743.0	-5015.3	2795	10.0	72644.4	-5055.0
2526	10.0	65848.2	-5002.9	2616	10.0	70725.7	-5033.9	2706	10.0	71746.6	-5010.3	2796	8.0	72644.6	-5056.5
2527	9.5	65851.1	-5059.5	2617	10.0	70737.0	-5057.6	2707	8.8	71747.4	-5033.8	2797	10.0	72646.1	-5019.5
2528	10.0	65857.4	-5004.4	2618	10.0	70745.4	-5059.0	2708	7.5	71750.2	-5037.2	2798	10.0	72646.5	-5044.0
2529	9.8	65857.4	-5007.2	2619	9.4	70751.9	-5048.4	2709	9.3	71757.7	-5020.4	2799	9.8	72647.8	-5036.0
2530	7.7	65857.6	-5014.8	2620	9.9	70759.0	-5057.6	2710	10.0	71801.1	-5034.3	2800	10.0	72649.0	-5019.9
2531	10.0	65857.8	-5050.3	2621	10.0	70803.8	-5013.4	2711	9.7	71803.6	-5059.0	2801	10.0	72650.9	-5045.1
2532	10.0	65919.0	-5004.8	2622	10.0	70806.4	-5014.8	2712	10.0	71826.4	-5049.3	2802	10.0	72659.4	-5042.2
2533	9.5	65929.5	-5041.4	2623	10.0	70811.6	-5003.9	2713	10.0	71835.8	-5030.6	2803	6.8	72712.2	-5020.8
2534	10.0	65938.8	-5056.3	2624	10.0	70817.5	-5057.6	2714	9.9	71844.9	-5005.5	2804	10.0	72715.6	-5005.1
2535	10.0	65950.7	-5012.8	2625	10.0	70828.8	-5000.5	2715	10.0	71855.6	-5049.8	2805	10.0	72719.6	-5035.3
2536	10.0	65953.5	-5011.8	2626	10.0	70836.3	-5051.2	2716	10.0	71856.1	-5018.8	2806	10.0	72725.0	-5033.2
2537	10.0	70000.2	-5040.8	2627	10.0	70838.4	-5041.6	2717	9.2	71903.0	-5002.8	2807	10.0	72735.0	-5000.0
2538	10.0	70003.2	-5056.8	2628	9.8	70852.5	-5016.4	2718	10.0	71908.2	-5048.3	2808	9.3	72735.6	-5020.7
2539	10.0	70005.3	-5030.3	2629	9.8	70858.7	-5008.8	2719	10.0	71909.5	-5006.5	2809	7.4	72737.5	-5053.6
2540	9.8	70016.9	-5010.3	2630	9.8	70902.0	-5009.9	2720	10.0	71919.3	-5050.8	2810	9.7	72738.7	-5021.3
2541	10.0	70022.4	-5040.8	2631	10.0	70905.5	-5016.6	2721	10.0	71935.9	-5057.3	2811	9.6	72739.2	-5022.4
2542	10.0	70025.4	-5040.3	2632	9.6	70910.0	-5043.3	2722	10.0	71942.0	-5012.3	2812	9.8	72747.8	-5014.2
2543	10.0	70031.5	-5038.8	2633	10.0	70911.0	-5048.6	2723	10.0	71950.8	-5040.3	2813	10.0	72758.3	-5014.2
2544	10.0	70036.9	-5012.1	2634	7.9	70917.0	-5006.5	2724	9.9	71956.7	-5036.4	2814	10.0	72759.4	-5002.8
2545	10.0	70037.8	-5010.8	2635	10.0	70933.0	-5050.6	2725	10.0	71959.8	-5035.3	2815	9.9	72809.4	-5013.8
2546	9.6	70039.6	-5016.1	2636	10.0	70935.0	-5019.4	2726	9.8	72000.8	-5052.2	2816	9.6	72819.7	-5005.1
2547	9.7	70042.0	-5028.2	2637	9.9	70944.0	-5026.1	2727	9.9	72001.1	-5017.0	2817	9.2	72822.2	-5022.0
2548	7.6	70046.2	-5028.5	2638	10.0	71006.2	-5053.6	2728	9.9	72008.9	-5012.8	2818	10.0	72827.2	-5021.0
2549	10.0	70058.6	-5039.0	2639	9.9	71009.1	-5056.6	2729	10.0	72024.3	-5000.9	2819	9.4	72828.6	-5026.4
2550	10.0	70103.3	-5057.8	2640	9.9	71021.9	-5006.6	2730	10.0	72030.4	-5054.2	2820	9.2	72829.3	-5057.5
2551	9.9	70104.5	-5045.4	2641	9.7	71022.5	-5015.8	2731	10.0	72032.6	-5042.2	2821	9.7	72835.2	-5032.5
2552	10.0	70108.6	-5055.0	2642	10.0	71036.0	-5049.0	2732	10.0	72032.8	-5044.7	2822	10.0	72836.7	-5036.5
2553	7.6	70116.7	-5011.0	2643	10.0	71037.0	-5000.8	2733	9.7	72043.4	-5001.6	2823	10.0	72841.3	-5007.2
2554	10.0	70127.6	-5021.8	2644	6.8	71046.0	-5015.3	2734	10.0	72045.4	-5017.2	2824	9.9	72847.6	-5051.2
2555	10.0	70132.0	-5043.2	2645	9.9	71053.3	-5056.8	2735	10.0	72049.9	-5050.7	2825	10.0	72850.2	-5050.0
2556	10.0	70135.8	-5049.4	2646	10.0	71103.9	-5004.7	2736	9.5	72050.8	-5022.0	2826	10.0	72858.8	-5016.2
2557	10.0	70139.6	-5054.1	2647	10.0	71121.2	-5001.6	2737	10.0	72055.4	-5000.9	2827	10.0	72911.0	-5019.8
2558	10.0	70142.2	-5003.2	2648	10.0	71121.6	-5055.0	2738	8.9	72120.5	-5052.2	2828	10.0	72918.9	-5032.4
2559	10.0	70159.8	-5029.0	2649	9.9	71126.6	-5047.5	2739	10.0	72121.0	-5025.9	2829	10.0	72922.9	-5020.8
2560	10.0	70204.6	-5037.3	2650	10.0	71127.2	-5054.6	2740	9.8	72129.2	-5001.9	2830	9.3	72936.7	-5031.0
2561	7.1	70206.0	-5010.2	2651	9.6	71132.9	-5038.6	2741	10.0	72130.6	-5057.7	2831	9.9	72947.8	-5029.6
2562	10.0	70207.6	-5038.3	2652	9.7	71148.9	-5054.4	2742	10.0	72131.5	-5005.6	2832	10.0	72948.3	-5042.5
2563	10.0	70222.3	-5002.7	2653	10.0	71150.0	-5047.5	2743	10.0	72138.4	-5009.6	2833	9.9	72954.5	-5003.7
2564	10.0	70224.5	-5004.0	2654	9.3	71153.0	-5014.9	2744	10.0	72152.6	-5059.6	2834	10.0	73007.1	-5059.3
2565	9.3	70228.0	-5006.9	2655	9.9	71156.3	-5015.4	2745	10.0	72152.8	-5047.2	2835	6.9	73008.0	-5018.0
2566	8.9	70242.0	-5036.8	2656	10.0	71159.9	-5056.4	2746	10.0	72155.0	-5010.6	2836	9.7	73009.8	-5055.8
2567	10.0	70246.8	-5013.6	2657	10.0	71203.4	-5028.6	2747	10.0	72158.2	-5034.7	2837	9.4	73040.6	-5035.6
2568	9.8	70257.5	-5059.7	2658	10.0	71206.6	-5037.5	2748	10.0	72202.4	-5051.3	2838	9.9	73041.6	-5022.6
2569	10.0	70259.0	-5029.3	2659	10.0	71206.7	-5003.7	2749	9.6	72211.0	-5014.8	2839	9.2	73047.4	-5031.1
2570	10.0	70303.4	-5017.2	2660	7.7	71225.6	-5016.6	2750	10.0	72216.4	-5022.6	2840	9.4	73049.5	-5034.8
2571	10.0	70312.6	-5006.6	2661	10.0	71257.4	-5055.5	2751	9.8	72222.2	-5003.9	2841	7.7	73052.5	-5034.1
2572	10.0	70320.5	-5059.8	2662	10.0	71321.1	-5052.5	2752	10.0	72223.6	-5040.6	2842	10.0	73053.1	-5005.2
2573	10.0	70327.4	-5041.8	2663	10.0	71323.9	-5037.0	2753	10.0	72226.6	-5001.3	2843	10.0	73055.8	-5015.3
2574	10.0	70328.8	-5056.6	2664	10.0	71328.3	-5012.0	2754	10.0	72228.6	-5033.2	2844	10.0	73104.4	-5020.5
2575	10.0	70332.3	-5036.8	2665	9.2	71329.5	-5046.2	2755	10.0	72230.5	-5023.0	2845	10.0	73108.8	-5025.3
2576	10.0	70342.8	-5051.8	2666	9.9	71330.0	-5013.0	2756	9.8	72231.2	-5042.4	2846	10.0	73110.0	-5035.8
2577	8.7	70347.4	-5026.0	2667	9.8	71332.2	-5036.0	2757	10.0	72232.8	-5021.6	2847	10.0	73111.4	-5008.3
2578	10.0	70352.2	-5033.8	2668	9.0	71342.5	-5004.7	2758	10.0	72246.7	-5048.6	2848	10.0	73113.6	-5013.1
2579	9.9	70352.8	-5001.3	2669	8.8	71346.0	-5000.4	2759	10.0	72257.1	-5048.6	2849	10.0	73119.6	-5051.3
2580	10.0	70356.6	-5009.4	2670	10.0	71347.8	-5053.8	2760	10.0	72300.6	-5021.2	2850	10.0	73127.7	-5008.8
2581	9.1	70405.9	-5056.4	2671	10.0	71348.4	-5028.8	2761	5.7	72309.6	-5046.0	2851	10.0	73128.9	-5037.1
2582	9.9	70421.2	-5057.3	2672	10.0	71400.5	-5009.2	2762	10.0	72318.2	-5020.6	2852	10.0	73131.8	-5001.8
2583	10.0	70421.4	-5023.1	2673	10.0	71409.2	-5045.4	2763	10.0	72319.3	-5016.4	2853	9.6	73134.0	-5032.3
2584	10.0	70425.8	-5037.8	2674	9.8	71414.6	-5048.6	2764	9.8	72322.1	-5023.6	2854	9.9	73134.2	-5009.8
2585	9.7	70426.8	-5021.0	2675	10.0	71434.2	-5017.0	2765	10.0	72330.8	-5017.0	2855	9.9	73138.2	-5058.5
2586	10.0	70431.8	-5002.2	2676	9.4	71434.9	-5048.7	2766	10.0	72331.4	-5000.4	2856	10.0	73143.6	-5039.4
2587	9.8	70433.1	-5042.9	2677	9.9	71436.8	-5016.0	2767	9.3	72340.8	-5053.3	2857	10.0	73148.4	-5027.8
2588	9.9	70436.1	-5047.0	2678	10.0	71447.1	-5008.4	2768	9.7	72344.0	-5056.0	2858	10.0	73150.0	-5033.8
2589	10.0	70436.7	-5001.8	2679	10.0	71454.8	-5042.6	2769	9.7	72347.0	-5035.6	2859	10.0	73150.8	-5044.1
2590	10.0	70436.8	-5019.7	2680	7.8	71502.3	-5049.2	2770	9.0	72356.2	-5017.6	2860	10.0	73154.0	-5003.2
2591	9.8	70443.0	-5045.7	2681	10.0	71505.2	-5059.0	2771	9.0	72357.9	-5005.6	2861	9.8	73158.8	-5019.6
2592	10.0	70452.2	-5012.1	2682	10.0	71513.2	-5003.2	2772	10.0	72402.6	-5049.3	2862	10.0	73223.1	-5049.8
2593	10.0	70455.1	-5023.0	2683	10.0	71517.8	-5021.0	2773	9.9	72403.8	-5050.2	2863	9.6	73224.7	-5025.9
2594	10.0	70457.7	-5007.3	2684	9.5	71518.7	-5023.4	2774	10.0	72407.8	-5018.6	2864	8.9	73229.8	-5016.6
2595	10.0	70459.7	-5008.4	2685	10.0	71530.7	-5046.9	2775	10.0	72410.8	-5014.6	2865	10.0	73235.2	-5049.2
2596	10.0	70511.8	-5023.2	2686	10.0	71533.1	-5022.0	2776	10.0	72420.8	-5027.5	2866	10.0	73239.4	-5052.3
2597	10.0	70514.8	-5052.8	2687	10.0	71534.9	-5017.4	2777	10.0	72422.7	-5030.6	2867	10.0	73248.8	-5029.6
2598	9.8	70514.9	-5054.0	2688	10.0	71545.8	-5015.3	2778	9.9	72428.2	-5004.2	2868	10.0	73251.0	-5038.6
2599	10.0	70522.0	-5043.7	2689	10.0	71550.4	-5030.8	2779	10.0	72452.6	-5055.0	2869	10.0	73258.8	-5016.2
2600	10.0	70523.0	-5057.4	2690	8.9	71556.4	-5019.0	2780	10.0	72455.8	-5058.6	2870	10.0	73303.2	-5036.3
2601	10.0	70524.3	-5033.6	2691	9.8	71608.9	-5011.8	2781	9.8	72457.2	-5046.6	2871	10.0	73323.2	-5038.1
2602	10.0	70529.5	-5047.7	2692	10.0	71624.0	-5048.4	2782	10.0	72459.8	-5036.6	2872	9.8	73326.7	-5052.0
2603	9.9	70530.2	-5012.3	2693	9.9	71624.1	-5032.2	2783	10.0	72515.2	-5007.7	2873	10.0	73328.5	-5043.1
2604	9.6	70546.5	-5045.6	2694	9.6	71631.2	-5031.5	2784	10.0	72532.5	-5021.0	2874	9.8	73328.8	-5018.1
2605	10.0	70600.0	-5025.2	2695	10.0	71641.8	-5014.8	2785	10.0	72535.8	-5041.0	2875	10.0	73330.7	-5050.2
2606	9.6	70600.3	-5050.9	2696	10.0	71651.6	-5028.4	2786	10.0	72545.4	-5000.8	2876	10.0	73330.9	-5007.1
2607	10.0	70613.4	-5035.2	2697	10.0	71658.6	-5034.4	2787	10.0	72546.4	-5027.1	2877	9.8	73336.2	-5025.9
2608	9.8	70617.7	-5050.8	2698	9.7	71700.8	-5037.5	2788	10.0	72549.5	-5021.0	2878	10.0	73337.9	-5056.6
2609	8.4	70626.7	-5008.0	2699	10.0	71710.3	-5058.8	2789	9.9	72550.3	-5035.8	2879	10.0	73348.4	-5000.1
2610	10.0	70628.5	-5041.2	2700	9.7	71713.5	-5052.8	2790	9.8	72624.7	-5050.0	2880	10.0	73352.4	-5011.6

-50 2881 7h33m

-50 3240 8h13m

2881	10.0	73354.7 -5037.6	2971	7.3	74320.0 -5041.5	3061	10.0	75317.6 -5052.5	3151	10.0	80227.0 -5024.1
2882	10.0	73354.7 -5059.8	2972	10.0	74320.4 -5010.9	3062	10.0	75318.4 -5002.2	3152	10.0	80239.9 -5004.4
2883	9.9	73356.7 -5006.0	2973	10.0	74336.9 -5030.4	3063	10.0	75319.2 -5051.0	3153	10.0	80245.0 -5050.8
2884	10.0	73400.0 -5038.0	2974	10.0	74341.3 -5057.8	3064	9.0	75345.9 -5045.0	3154	10.0	80246.4 -5011.6
2885	10.0	73406.0 -5029.0	2975	10.0	74345.6 -5023.4	3065	10.0	75402.6 -5033.0	3155	10.0	80249.8 -5011.0
2886	10.0	73425.5 -5056.6	2976	9.4	74346.4 -5051.6	3066	10.0	75403.2 -5020.7	3156	10.0	80252.7 -5004.3
2887	9.9	73432.2 -5020.6	2977	10.0	74351.9 -5058.8	3067	9.9	75416.1 -5024.3	3157	10.0	80259.2 -5035.8
2888	9.9	73434.0 -5019.1	2978	10.0	74351.9 -5035.0	3068	10.0	75419.3 -5048.5	3158	10.0	80304.0 -5045.3
2889	10.0	73436.5 -5042.6	2979	10.0	74354.0 -5041.6	3069	9.6	75420.4 -5029.2	3159	10.0	80306.9 -5002.4
2890	9.7	73450.4 -5019.1	2980	9.2	74358.0 -5035.4	3070	10.0	75424.8 -5057.0	3160	10.0	80321.6 -5012.9
2891	9.9	73450.8 -5012.4	2981	9.6	74405.8 -5008.0	3071	9.7	75433.4 -5002.4	3161	10.0	80321.8 -5016.4
2892	9.9	73452.0 -5040.1	2982	10.0	74408.8 -5030.3	3072	10.0	75440.2 -5029.0	3162	10.0	80325.4 -5043.8
2893	10.0	73458.6 -5016.6	2983	9.7	74409.8 -5052.1	3073	9.9	75441.3 -5007.3	3163	10.0	80327.5 -5040.2
2894	10.0	73518.8 -5020.6	2984	10.0	74415.3 -5032.4	3074	9.4	75444.3 -5022.7	3164	10.0	80327.5 -5038.8
2895	10.0	73521.0 -5003.1	2985	9.5	74416.6 -5012.6	3075	10.0	75453.2 -5046.4	3165	10.0	80338.4 -5008.9
2896	9.5	73526.4 -5018.1	2986	10.0	74422.6 -5012.9	3076	9.9	75505.9 -5057.4	3166	9.6	80343.6 -5031.9
2897	7.6	73532.8 -5017.5	2987	9.9	74426.0 -5045.8	3077	10.0	75512.5 -5014.6	3167	8.1	80402.8 -5044.8
2898	10.0	73536.0 -5027.7	2988	10.0	74432.8 -5019.8	3078	9.9	75514.4 -5025.2	3168	10.0	80403.5 -5051.6
2899	8.6	73537.4 -5047.3	2989	10.0	74436.8 -5045.2	3079	10.0	75523.2 -5036.5	3169	9.6	80413.8 -5006.3
2900	9.8	73539.7 -5053.8	2990	10.0	74502.4 -5058.8	3080	10.0	75527.3 -5055.0	3170	10.0	80415.4 -5037.3
2901	10.0	73547.6 -5043.8	2991	9.6	74502.4 -5013.4	3081	10.0	75534.2 -5052.0	3171	10.0	80415.9 -5006.2
2902	9.8	73548.3 -5053.2	2992	9.6	74514.8 -5022.1	3082	10.0	75542.3 -5000.5	3172	10.0	80421.0 -5017.4
2903	10.0	73556.6 -5027.6	2993	9.6	74520.7 -5005.6	3083	10.0	75546.6 -5004.0	3173	10.0	80430.4 -5045.7
2904	10.0	73612.6 -5035.6	2994	9.9	74540.7 -5040.4	3084	9.8	75547.0 -5017.2	3174	10.0	80434.2 -5010.2
2905	9.8	73621.4 -5043.1	2995	9.9	74541.0 -5029.4	3085	9.4	75547.0 -5007.3	3175	8.4	80444.4 -5000.4
2906	8.6	73622.6 -5036.2	2996	10.0	74543.5 -5010.9	3086	9.8	75555.0 -5002.5	3176	9.8	80456.6 -5041.9
2907	10.0	73628.3 -5051.4	2997	10.0	74552.4 -5052.4	3087	10.0	75603.2 -5012.6	3177	9.7	80456.6 -5035.2
2908	8.4	73635.6 -5017.0	2998	10.0	74608.2 -5054.4	3088	10.0	75604.7 -5014.6	3178	9.9	80458.7 -5054.0
2909	10.0	73643.6 -5006.7	2999	10.0	74614.6 -5039.7	3089	10.0	75624.9 -5013.2	3179	10.0	80509.1 -5016.4
2910	9.9	73657.2 -5025.4	3000	10.0	74619.2 -5046.9	3090	10.0	75626.0 -5019.5	3180	8.2	80513.1 -5007.4
2911	10.0	73658.2 -5022.0	3001	8.3	74633.0 -5030.0	3091	9.9	75632.8 -5000.8	3181	10.0	80524.8 -5059.9
2912	10.0	73707.5 -5007.6	3002	9.8	74640.2 -5013.9	3092	10.0	75636.2 -5021.2	3182	8.7	80532.8 -5009.1
2913	10.0	73735.9 -5010.7	3003	10.0	74646.8 -5031.4	3093	9.9	75645.3 -5054.4	3183	8.7	80542.8 -5010.1
2914	10.0	73738.0 -5048.6	3004	6.4	74700.0 -5011.4	3094	9.8	75649.1 -5013.6	3184	7.8	80548.8 -5038.7
2915	10.0	73742.4 -5037.2	3005	9.7	74701.7 -5005.7	3095	9.4	75650.0 -5017.1	3185	9.0	80548.8 -5039.0
2916	8.3	73744.3 -5049.9	3006	10.0	74712.9 -5028.4	3096	9.5	75653.1 -5015.6	3186	10.0	80607.4 -5009.9
2917	10.0	73754.6 -5055.4	3007	10.0	74721.0 -5022.8	3097	10.0	75654.1 -5041.4	3187	10.0	80649.3 -5003.2
2918	9.7	73758.3 -5035.4	3008	10.0	74723.9 -5011.3	3098	8.7	75654.8 -5021.0	3188	9.9	80651.3 -5018.9
2919	10.0	73759.1 -5026.0	3009	9.7	74725.0 -5005.0	3099	10.0	75655.1 -5036.4	3189	10.0	80702.8 -5004.4
2920	10.0	73800.6 -5037.6	3010	10.0	74727.0 -5035.4	3100	10.0	75656.8 -5030.4	3190	10.0	80707.6 -5006.9
2921	9.6	73819.6 -5044.4	3011	10.0	74730.9 -5056.7	3101	9.9	75658.8 -5014.4	3191	10.0	80714.5 -5035.2
2922	10.0	73824.5 -5008.0	3012	8.6	74756.2 -5006.6	3102	9.6	75706.2 -5000.1	3192	9.4	80718.1 -5021.9
2923	10.0	73825.4 -5002.0	3013	9.2	74804.3 -5013.9	3103	9.6	75707.2 -5020.5	3193	8.1	80723.9 -5049.2
2924	9.9	73828.9 -5003.0	3014	10.0	74815.5 -5054.9	3104	9.3	75719.8 -5008.7	3194	9.5	80723.9 -5006.3
2925	10.0	73834.6 -5031.6	3015	9.7	74816.2 -5004.7	3105	9.5	75721.2 -5051.7	3195	10.0	80738.9 -5010.4
2926	9.9	73840.7 -5026.0	3016	10.0	74816.9 -5012.3	3106	9.9	75721.4 -5006.7	3196	10.0	80740.2 -5027.3
2927	10.0	73845.8 -5051.0	3017	10.0	74819.7 -5049.9	3107	9.9	75721.4 -5017.6	3197	9.8	80745.0 -5027.5
2928	9.7	73849.0 -5006.0	3018	10.0	74847.8 -5049.4	3108	10.0	75740.0 -5004.7	3198	10.0	80746.8 -5012.4
2929	10.0	73856.4 -5052.0	3019	10.0	74904.9 -5021.3	3109	10.0	75748.9 -5022.6	3199	9.8	80800.5 -5030.2
2930	9.7	73902.4 -5034.0	3020	9.7	74908.6 -5057.0	3110	9.9	75802.6 -5035.4	3200	9.3	80819.9 -5050.2
2931	10.0	73906.4 -5057.0	3021	9.9	74910.5 -5038.6	3111	7.4	75806.1 -5015.5	3201	9.9	80822.4 -5011.2
2932	10.0	73908.4 -5019.4	3022	7.2	74924.4 -5011.7	3112	10.0	75811.8 -5023.6	3202	9.7	80823.9 -5029.0
2933	9.5	73912.4 -5034.0	3023	10.0	74924.8 -5035.9	3113	10.0	75832.0 -5007.3	3203	10.0	80830.2 -5034.2
2934	10.0	73924.0 -5024.0	3024	9.3	74928.7 -5030.9	3114	10.0	75833.0 -5005.2	3204	10.0	80836.2 -5006.2
2935	10.0	73950.2 -5020.0	3025	10.0	74942.0 -5006.0	3115	8.7	75834.3 -5010.8	3205	10.0	80900.2 -5017.3
2936	10.0	73950.4 -5055.0	3026	9.8	74949.8 -5009.0	3116	10.0	75837.8 -5031.3	3206	10.0	80901.4 -5001.8
2937	10.0	73950.6 -5013.0	3027	10.0	74956.4 -5024.8	3117	10.0	75855.9 -5008.9	3207	10.0	80909.3 -5005.8
2938	10.0	74002.1 -5034.6	3028	9.9	74959.1 -5029.2	3118	9.1	75914.1 -5016.2	3208	8.5	80913.0 -5017.1
2939	10.0	74002.9 -5015.1	3029	10.0	75006.6 -5046.4	3119	10.0	75915.6 -5029.3	3209	9.1	80926.8 -5007.0
2940	10.0	74011.5 -5010.0	3030	9.0	75019.0 -5035.6	3120	10.0	75915.7 -5015.3	3210	9.9	80946.7 -5012.5
2941	9.4	74027.3 -5003.4	3031	10.0	75020.9 -5045.8	3121	9.5	75930.0 -5004.3	3211	9.8	80948.4 -5029.4
2942	9.9	74029.5 -5047.0	3032	10.0	75026.9 -5045.0	3122	9.4	75936.0 -5011.6	3212	9.8	80952.7 -5043.4
2943	10.0	74031.7 -5036.0	3033	9.5	75031.6 -5001.2	3123	9.6	75940.0 -5000.8	3213	10.0	80952.7 -5055.6
2944	9.7	74039.7 -5040.3	3034	9.6	75039.9 -5000.1	3124	10.0	75948.6 -5037.3	3214	10.0	81011.6 -5056.6
2945	9.5	74044.8 -5045.3	3035	10.0	75050.6 -5020.9	3125	8.2	80000.3 -5005.5	3215	9.7	81017.2 -5010.3
2946	9.9	74049.4 -5002.6	3036	10.0	75058.1 -5014.2	3126	10.0	80000.6 -5015.1	3216	9.9	81019.8 -5052.4
2947	6.9	74051.5 -5009.6	3037	10.0	75101.0 -5020.8	3127	10.0	80013.4 -5051.3	3217	9.3	81025.6 -5045.8
2948	7.9	74055.5 -5010.2	3038	10.0	75106.0 -5003.9	3128	10.0	80016.9 -5016.4	3218	10.0	81046.6 -5002.5
2949	10.0	74100.8 -5033.4	3039	9.5	75112.4 -5016.6	3129	10.0	80021.3 -5033.3	3219	9.1	81049.5 -5007.1
2950	9.5	74110.5 -5005.0	3040	10.0	75114.0 -5032.0	3130	10.0	80026.8 -5040.7	3220	10.0	81053.8 -5045.2
2951	10.0	74113.7 -5054.2	3041	8.2	75123.6 -5013.9	3131	9.4	80031.4 -5030.8	3221	10.0	81109.8 -5030.6
2952	9.6	74116.9 -5034.1	3042	9.2	75124.7 -5055.4	3132	10.0	80036.4 -5000.4	3222	10.0	81114.0 -5037.6
2953	10.0	74125.3 -5008.2	3043	10.0	75134.7 -5045.5	3133	9.9	80043.6 -5017.2	3223	10.0	81130.8 -5016.8
2954	9.9	74147.6 -5042.7	3044	9.9	75137.9 -5026.6	3134	10.0	80050.0 -5045.7	3224	10.0	81132.0 -5035.2
2955	9.5	74147.9 -5019.4	3045	10.0	75141.4 -5031.4	3135	10.0	80053.2 -5015.4	3225	9.4	81135.6 -5003.4
2956	9.8	74149.2 -5041.1	3046	10.0	75144.6 -5052.5	3136	10.0	80102.4 -5033.8	3226	10.0	81145.8 -5016.0
2957	9.8	74149.9 -5044.3	3047	9.8	75149.7 -5016.3	3137	8.3	80110.0 -5020.4	3227	7.0	81147.2 -5004.0
2958	10.0	74150.2 -5028.0	3048	10.0	75155.8 -5059.0	3138	6.6	80112.1 -5014.0	3228	10.0	81153.8 -5031.6
2959	9.8	74202.2 -5017.4	3049	9.1	75209.9 -5022.6	3139	9.9	80123.9 -5033.6	3229	10.0	81204.8 -5020.0
2960	9.9	74206.4 -5006.7	3050	9.4	75210.0 -5001.5	3140	9.9	80125.4 -5045.3	3230	10.0	81210.6 -5017.8
2961	10.0	74207.5 -5046.4	3051	9.6	75210.9 -5050.4	3141	10.0	80129.5 -5032.8	3231	10.0	81217.4 -5042.6
2962	10.0	74211.0 -5041.4	3052	9.9	75225.7 -5054.4	3142	9.9	80129.7 -5002.4	3232	10.0	81220.8 -5056.1
2963	9.9	74229.4 -5048.0	3053	9.9	75228.4 -5028.3	3143	9.9	80144.8 -5004.3	3233	9.9	81240.0 -5041.1
2964	9.8	74243.0 -5005.3	3054	10.0	75229.8 -5055.0	3144	10.0	80147.0 -5040.8	3234	10.0	81241.4 -5006.6
2965	10.0	74248.4 -5008.8	3055	10.0	75232.1 -5038.5	3145	10.0	80152.9 -5045.8	3235	9.3	81242.4 -5030.6
2966	10.0	74251.0 -5057.6	3056	10.0	75233.5 -5039.6	3146	10.0	80200.2 -5029.3	3236	9.4	81246.4 -5029.0
2967	10.0	74255.9 -5040.4	3057	10.0	75234.5 -5000.3	3147	10.0	80203.6 -5038.8	3237	9.7	81307.8 -5008.9
2968	10.0	74307.7 -5038.0	3058	10.0	75247.7 -5034.0	3148	10.0	80213.6 -5012.4	3238	10.0	81308.9 -5010.1
2969	10.0	74310.6 -5034.0	3059	10.0	75251.9 -5029.6	3149	9.9	80221.4 -5052.3	3239	10.0	81321.8 -5037.6
2970	10.0	74313.0 -5053.0	3060	10.0	75315.2 -5006.6	3150	10.0	80225.2 -5009.4	3240	10.0	81325.2 -5051.6

-50 3241 8h13m

-50 3600 8h46m

3241	10.0	81326.9 -5003.2	3331	9.6	82205.5 -5015.6	3421	10.0	83232.9 -5018.3	3511	10.0	83933.5 -5008.0
3242	9.6	81329.4 -5013.2	3332	9.6	82210.0 -5015.6	3422	9.5	83234.4 -5047.0	3512	10.0	83934.0 -5042.8
3243	9.8	81334.6 -5057.6	3333	9.8	82214.0 -5004.1	3423	10.0	83239.9 -5009.0	3513	10.0	83943.3 -5024.0
3244	10.0	81342.4 -5010.2	3334	9.2	82214.4 -5049.0	3424	9.8	83245.6 -5047.8	3514	10.0	83943.3 -5019.0
3245	10.0	81357.7 -5037.0	3335	9.8	82220.2 -5053.5	3425	10.0	83251.2 -5032.8	3515	10.0	83949.0 -5058.2
3246	10.0	81400.8 -5035.0	3336	10.0	82229.8 -5032.6	3426	10.0	83252.1 -5021.8	3516	9.9	83953.9 -5017.0
3247	9.7	81405.2 -5014.9	3337	10.0	82230.3 -5034.0	3427	10.0	83254.4 -5022.6	3517	10.0	83957.8 -5015.6
3248	9.7	81417.8 -5006.0	3338	10.0	82232.2 -5024.5	3428	10.0	83257.8 -5029.3	3518	7.4	84000.7 -5012.0
3249	9.8	81418.0 -5004.5	3339	9.8	82233.8 -5053.4	3429	10.0	83300.0 -5005.5	3519	9.9	84002.6 -5026.6
3250	10.0	81423.0 -5034.3	3340	9.8	82245.5 -5016.6	3430	10.0	83317.4 -5037.3	3520	10.0	84003.1 -5028.7
3251	9.8	81430.6 -5040.0	3341	9.6	82246.0 -5028.8	3431	9.4	83317.8 -5022.0	3521	10.0	84011.9 -5026.6
3252	9.8	81432.6 -5053.9	3342	10.0	82246.7 -5005.4	3432	9.4	83336.7 -5034.4	3522	9.4	84015.4 -5002.3
3253	10.0	81449.8 -5033.1	3343	8.6	82254.2 -5059.1	3433	10.0	83337.6 -5003.5	3523	10.0	84019.2 -5018.8
3254	9.8	81450.6 -5005.5	3344	10.0	82258.6 -5002.6	3434	9.1	83340.3 -5049.6	3524	9.8	84019.4 -5004 5
3255	10.0	81455.0 -5003.5	3345	9.7	82304.9 -5030.9	3435	10.0	83348.4 -5008.4	3525	10.0	84020.8 -5009.9
3256	10.0	81506.8 -5021.2	3346	10.0	82305.6 -5011.7	3436	10.0	83350.5 -5021.1	3526	10.0	84021.9 -5015.8
3257	10.0	81507.0 -5050.5	3347	10.0	82307.8 -5050.0	3437	10.0	83351.8 -5025.3	3527	9.7	84022.6 -5000.6
3258	10.0	81523.6 -5008.8	3348	10.0	82314.2 -5002.0	3438	9.8	83356.0 -5052.8	3528	10.0	84030.8 -5024.4
3259	9.9	81523.8 -5042.5	3349	10.0	82319.5 -5025.9	3439	9.8	83405.4 -5004.8	3529	10.0	84048.3 -5020.4
3260	9.1	81528.6 -5042.9	3350	7.6	82323.9 -5042.9	3440	9.4	83412.4 -5052.2	3530	9.9	84049.9 -5000.5
3261	10.0	81538.6 -5045.7	3351	8.7	82324.2 -5019.0	3441	10.0	83414.6 -5041.0	3531	9.8	84051.9 -5028.0
3262	10.0	81543.4 -5019.0	3352	10.0	82325.3 -5013.4	3442	10.0	83415.2 -5043.8	3532	10.0	84058.7 -5032.1
3263	10.0	81546.8 -5011.6	3353	9.9	82325.8 -5018.5	3443	10.0	83420.2 -5022.8	3533	9.7	84103.7 -5006.5
3264	8.6	81547.0 -5017.6	3354	10.0	82326.5 -5019.7	3444	10.0	83423.8 -5043.0	3534	10.0	84108.5 -5038.8
3265	10.0	81548.7 -5049.7	3355	9.7	82345.4 -5027.4	3445	10.0	83423.9 -5020.0	3535	10.0	84109.8 -5033.6
3266	9.3	81604.8 -5016.4	3356	8.7	82357.0 -5007.6	3446	9.7	83430.5 -5002.0	3536	10.0	84112.0 -5010.3
3267	9.9	81606.2 -5026.7	3357	9.8	82406.8 -5004.3	3447	8.6	83430.7 -5004.2	3537	10.0	84127.8 -5009.5
3268	9.9	81615.4 -5031.2	3358	10.0	82415.7 -5009.7	3448	9.3	83437.5 -5041.8	3538	10.0	84131.2 -5041.2
3269	10.0	81619.0 -5042.0	3359	10.0	82419.1 -5025.3	3449	10.0	83439.2 -5058.8	3539	10.0	84136.7 -5009.8
3270	10.0	81627.8 -5024.0	3360	8.2	82426.3 -5049.3	3450	9.9	83444.9 -5027.6	3540	9.8	84137.8 -5027.0
3271	8.6	81627.9 -5029.4	3361	10.0	82439.9 -5001.4	3451	9.4	83453.4 -5028.6	3541	8.7	84139.6 -5017.8
3272	10.0	81641.3 -5004.8	3362	9.8	82442.7 -5058.7	3452	9.8	83458.2 -5032.2	3542	9.0	84142.3 -5016.6
3273	10.0	81643.3 -5000.3	3363	10.0	82444.2 -5059.3	3453	7.5	83500.6 -5049.8	3543	10.0	84146.2 -5008.2
3274	9.8	81643.5 -5054.5	3364	10.0	82504.9 -5047.7	3454	10.0	83522.0 -5008.6	3544	10.0	84148.1 -5041.7
3275	8.3	81643.5 -5034.2	3365	10.0	82509.2 -5038.8	3455	9.8	83526.0 -5059.0	3545	9.8	84148.5 -5036.0
3276	10.0	81652.9 -5047.1	3366	9.9	82512.9 -5002.3	3456	10.0	83526.9 -5024.2	3546	10.0	84153.2 -5004.6
3277	10.0	81655.5 -5007.6	3367	10.0	82523.6 -5019.4	3457	10.0	83528.2 -5002.2	3547	9.5	84201.0 -5030.8
3278	9.7	81702.8 -5009.0	3368	9.8	82530.8 -5045.7	3458	10.0	83528.6 -5051.8	3548	9.6	84201.9 -5015.1
3279	10.0	81710.0 -5026.9	3369	9.8	82533.4 -5048.0	3459	10.0	83538.2 -5025.9	3549	9.9	84202.4 -5032.6
3280	9.9	81728.2 -5022.0	3370	10.0	82535.9 -5048.8	3460	10.0	83551.0 -5055.8	3550	9.8	84205.5 -5004.2
3281	10.0	81728.7 -5004.5	3371	10.0	82543.1 -5044.3	3461	10.0	83551.4 -5058.3	3551	10.0	84207.0 -5053.7
3282	10.0	81731.6 -5020.9	3372	10.0	82547.3 -5042.9	3462	10.0	83554.8 -5008.8	3552	10.0	84210.3 -5055.2
3283	9.9	81745.9 -5038.0	3373	9.9	82548.0 -5031.1	3463	10.0	83556.8 -5010.0	3553	10.0	84211.3 -5056.0
3284	8.4	81748.4 -5059.5	3374	10.0	82602.7 -5011.4	3464	10.0	83600.6 -5015.0	3554	10.0	84213.4 -5024.9
3285	9.7	81749.8 -5021.2	3375	10.0	82604.2 -5011.7	3465	10.0	83606.8 -5039.2	3555	10.0	84213.7 -5008.5
3286	10.0	81751.0 -5047.5	3376	10.0	82621.8 -5045.3	3466	9.6	83611.5 -5055.6	3556	10.0	84222.8 -5024.5
3287	9.9	81756.2 -5053.0	3377	10.0	82632.8 -5049.8	3467	10.0	83620.9 -5034.4	3557	10.0	84225.8 -5031.0
3288	10.0	81806.8 -5039.4	3378	7.2	82634.9 -5042.8	3468	9.9	83625.7 -5055.2	3558	9.5	84225.8 -5040.5
3289	10.0	81808.6 -5019.0	3379	8.3	82636.2 -5032.9	3469	9.9	83630.8 -5046.1	3559	9.8	84227.9 -5048.9
3290	9.8	81820.4 -5020.9	3380	10.0	82639.6 -5031.3	3470	10.0	83631.0 -5019.0	3560	9.5	84230.0 -5005.4
3291	10.0	81828.9 -5009.5	3381	9.4	82641.1 -5002.5	3471	10.0	83635.3 -5026.6	3561	10.0	84250.4 -5043.6
3292	10.0	81830.6 -5053.9	3382	10.0	82654.6 -5029.5	3472	9.5	83640.8 -5011.4	3562	10.0	84259.3 -5038.6
3293	10.0	81833.4 -5052.8	3383	10.0	82655.4 -5017.7	3473	10.0	83648.8 -5056.0	3563	10.0	84300.4 -5007.2
3294	10.0	81840.2 -5030.0	3384	10.0	82656.2 -5020.0	3474	7.5	83649.3 -5034.2	3564	10.0	84304.8 -5021.4
3295	9.9	81842.3 -5031.9	3385	10.0	82705.5 -5010.7	3475	9.7	83658.2 -5032.3	3565	10.0	84306.0 -5023.8
3296	9.9	81845.3 -5031.5	3386	8.3	82711.0 -5026.0	3476	10.0	83658.6 -5040.9	3566	10.0	84314.7 -5018.2
3297	10.0	81847.4 -5018.4	3387	9.7	82718.7 -5028.7	3477	10.0	83659.2 -5039.8	3567	9.7	84329.8 -5007.2
3298	8.6	81910.0 -5057.9	3388	10.0	82741.7 -5021.5	3478	8.3	83659.6 -5035.7	3568	9.9	84330.9 -5001.0
3299	10.0	81910.4 -5022.1	3389	9.9	82743.8 -5027.0	3479	10.0	83703.9 -5012.5	3569	10.0	84342.4 -5009.4
3300	9.4	81911.4 -5032.4	3390	9.4	82745.2 -5009.8	3480	10.0	83704.9 -5045.8	3570	9.6	84353.9 -5026.0
3301	10.0	81912.7 -5043.0	3391	9.5	82813.9 -5058.3	3481	10.0	83715.1 -5053.2	3571	10.0	84356.5 -5010.4
3302	10.0	81915.3 -5009.1	3392	10.0	82827.6 -5025.3	3482	9.5	83720.8 -5002.6	3572	9.8	84403.8 -5043.6
3303	10.0	81917.4 -5049.0	3393	7.9	82834.0 -5032.7	3483	10.0	83722.6 -5056.6	3573	10.0	84416.0 -5048.7
3304	10.0	81917.8 -5006.8	3394	9.6	82904.5 -5046.9	3484	9.7	83725.2 -5001.2	3574	8.9	84415.4 -5026.5
3305	9.9	81922.2 -5015.4	3395	10.0	82926.2 -5009.2	3485	10.0	83725.2 -5041.8	3575	9.8	84421.6 -5059.4
3306	9.5	81929.6 -5057.6	3396	9.8	82927.9 -5007.3	3486	9.4	83726.4 -5011.7	3576	10.0	84423.6 -5019.4
3307	9.0	81949.2 -5013.6	3397	10.0	82929.7 -5033.2	3487	10.0	83732.4 -5017.5	3577	10.0	84424.0 -5057.6
3308	10.0	81953.6 -5055.5	3398	10.0	82931.2 -5003.0	3488	10.0	83741.6 -5053.0	3578	10.0	84427.8 -5005.7
3309	9.9	81958.7 -5009.4	3399	10.0	82947.0 -5014.4	3489	10.0	83748.4 -5036.8	3579	10.0	84429.0 -5007.4
3310	9.9	81959.9 -5037.9	3400	9.5	82949.6 -5024.9	3490	10.0	83749.8 -5042.8	3580	10.0	84434.2 -5002.2
3311	9.7	82001.9 -5003.4	3401	9.8	83000.0 -5030.9	3491	10.0	83756.7 -5021.6	3581	9.8	84437.2 -5051.6
3312	10.0	82004.4 -5034.2	3402	10.0	83005.8 -5005.4	3492	9.8	83759.4 -5008.8	3582	9.3	84447.6 -5045.0
3313	10.0	82010.4 -5022.6	3403	8.6	83011.2 -5016.9	3493	10.0	83800.8 -5023.9	3583	9.5	84448.8 -5031.9
3314	10.0	82019.8 -5042.9	3404	9.2	83029.6 -5022.5	3494	9.5	83804.2 -5004.6	3584	10.0	84453.8 -5056.2
3315	10.0	82024.4 -5017.1	3405	9.7	83037.3 -5051.2	3495	10.0	83809.8 -5044.8	3585	10.0	84456.6 -5053.6
3316	10.0	82024.6 -5013.1	3406	10.0	83040.8 -5047.0	3496	9.1	83810.2 -5021.6	3586	9.6	84458.4 -5043.3
3317	10.0	82033.2 -5036.6	3407	6.9	83046.9 -5039.8	3497	9.6	83816.9 -5048.7	3587	10.0	84502.0 -5027.4
3318	10.0	82041.8 -5035.4	3408	9.7	83100.8 -5003.2	3498	10.0	83823.4 -5036.8	3588	10.0	84503.8 -5047.4
3319	9.6	82042.0 -5057.6	3409	9.8	83102.6 -5004.9	3499	10.0	83833.5 -5046.2	3589	9.3	84514.9 -5030.0
3320	10.0	82100.0 -5002.2	3410	9.1	83104.2 -5013.9	3500	9.9	83842.6 -5055.6	3590	10.0	84519.7 -5005.0
3321	10.0	82105.2 -5039.4	3411	9.7	83108.3 -5005.6	3501	10.0	83843.8 -5058.6	3591	9.3	84519.8 -5052.7
3322	9.9	82106.2 -5049.4	3412	9.5	83109.0 -5018.2	3502	10.0	83844.5 -5044.8	3592	9.9	84521.6 -5053.7
3323	10.0	82115.5 -5016.6	3413	9.9	83117.6 -5023.8	3503	9.3	83846.6 -5040.0	3593	9.6	84523.0 -5034.8
3324	10.0	82129.9 -5012.1	3414	10.0	83131.0 -5028.5	3504	9.8	83849.8 -5017.4	3594	10.0	84523.6 -5021.4
3325	9.5	82138.2 -5043.4	3415	10.0	83142.2 -5014.1	3505	10.0	83850.2 -5059.8	3595	10.0	84534.0 -5038.7
3326	9.9	82143.8 -5011.6	3416	9.9	83204.1 -5005.0	3506	10.0	83852.8 -5035.8	3596	9.8	84537.4 -5031.5
3327	9.2	82149.2 -5030.6	3417	6.4	83208.5 -5032.0	3507	10.0	83905.5 -5012.7	3597	10.0	84538.0 -5013.0
3328	10.0	82156.6 -5010.2	3418	10.0	83211.5 -5005.5	3508	10.0	83925.8 -5043.8	3598	10.0	84543.8 -5056.2
3329	10.0	82158.8 -5027.3	3419	9.4	83219.8 -5040.0	3509	10.0	83928.5 -5008.1	3599	9.8	84552.9 -5033.6
3330	10.0	82204.4 -5034.4	3420	10.0	83231.4 -5004.0	3510	9.6	83928.5 -5038.7	3600	9.5	84603.3 -5045.6

-50 3601 8h46m

-50 3960 9h11m

3601	9.6	84613.8	-5028.7	3691	9.5	85232.1	-5020.0	3781	9.7	85840.5	-5015.3	3871	9.9	90415.9	-5026.7
3602	8.2	84616.2	-5007.5	3692	10.0	85233.0	-5032.0	3782	8.5	85841.8	-5019.7	3872	10.0	90419.4	-5009.9
3603	9.8	84623.6	-5037.9	3693	9.8	85233.9	-5004.3	3783	9.7	85848.9	-5013.5	3873	10.0	90423.5	-5000.4
3604	10.0	84624.4	-5001.8	3694	9.3	85234.2	-5002.6	3784	8.7	85901.1	-5004.4	3874	10.0	90424.2	-5034.2
3605	9.8	84625.7	-5038.8	3695	9.7	85241.2	-5056.1	3785	8.5	85908.9	-5039.9	3875	9.8	90426.9	-5037.6
3606	10.0	84639.6	-5021.8	3696	10.0	85248.4	-5036.7	3786	8.5	85921.1	-5047.9	3876	10.0	90438.0	-5022.6
3607	10.0	84645.1	-5004.4	3697	10.0	85249.8	-5029.6	3787	10.0	85923.4	-5046.8	3877	10.0	90448.7	-5050.2
3608	10.0	84656.2	-5038.6	3698	10.0	85256.4	-5033.3	3788	10.0	85925.9	-5009.5	3878	10.0	90458.7	-5042.7
3609	10.0	84657.7	-5059.7	3699	9.4	85258.0	-5000.2	3789	9.3	85929.6	-5012.7	3879	10.0	90459.1	-5040.4
3610	10.0	84705.6	-5021.6	3700	10.0	85259.4	-5011.5	3790	9.5	85934.4	-5040.0	3880	10.0	90514.8	-5030.0
3611	10.0	84710.7	-5031.3	3701	10.0	85301.8	-5004.8	3791	10.0	85936.0	-5057.2	3881	10.0	90518.4	-5020.2
3612	10.0	84711.5	-5043.0	3702	10.0	85302.8	-5032.7	3792	10.0	85938.9	-5055.2	3882	10.0	90520.8	-5007.0
3613	10.0	84718.8	-5055.6	3703	9.5	85305.3	-5053.5	3793	10.0	85940.0	-5035.2	3883	9.8	90521.1	-5022.3
3614	10.0	84719.4	-5044.6	3704	7.9	85312.9	-5035.3	3794	9.9	85943.0	-5024.2	3884	9.7	90521.5	-5034.9
3615	9.9	84722.7	-5054.6	3705	10.0	85320.8	-5006.5	3795	10.0	85947.7	-5049.0	3885	10.0	90534.2	-5052.2
3616	10.0	84730.7	-5007.8	3706	10.0	85321.0	-5012.9	3796	9.8	85958.5	-5032.6	3886	9.8	90535.0	-5036.9
3617	9.1	84731.9	-5018.7	3707	10.0	85324.3	-5004.8	3797	9.8	85958.6	-5014.5	3887	10.0	90535.7	-5039.1
3618	10.0	84734.7	-5040.8	3708	10.0	85326.0	-5038.5	3798	8.8	85959.2	-5057.3	3888	10.0	90537.8	-5014.4
3619	9.1	84737.5	-5049.6	3709	10.0	85328.0	-5030.0	3799	10.5	90001.2	-5057.0	3889	10.0	90540.5	-5045.3
3620	9.8	84738.6	-5051.6	3710	7.5	85331.1	-5016.1	3800	10.0	90007.7	-5029.3	3890	10.0	90543.8	-5050.7
3621	10.0	84743.7	-5021.8	3711	10.0	85333.3	-5019.6	3801	9.9	90012.0	-5007.3	3891	10.0	90546.2	-5052.4
3622	9.8	84747.7	-5037.6	3712	10.0	85339.8	-5037.0	3802	10.0	90015.0	-5006.7	3892	9.1	90555.7	-5024.0
3623	9.9	84748.9	-5026.0	3713	8.8	85342.0	-5039.1	3803	9.4	90019.7	-5029.1	3893	9.5	90556.6	-5006.9
3624	9.8	84748.9	-5042.0	3714	9.9	85342.8	-5001.8	3804	10.0	90026.1	-5056.5	3894	9.6	90603.6	-5006.1
3625	10.0	84752.8	-5004.9	3715	10.0	85344.0	-5040.2	3805	10.0	90027.5	-5046.8	3895	9.9	90603.9	-5058.3
3626	9.4	84758.9	-5019.8	3716	10.0	85348.0	-5030.8	3806	10.0	90029.7	-5049.9	3896	9.8	90611.7	-5028.3
3627	10.0	84801.3	-5021.8	3717	10.0	85351.0	-5033.4	3807	9.6	90034.9	-5036.0	3897	9.1	90617.7	-5029.2
3628	10.0	84801.6	-5027.5	3718	10.0	85358.8	-5051.2	3808	10.0	90044.1	-5027.0	3898	10.0	90621.0	-5038.8
3629	9.4	84803.0	-5021.3	3719	10.0	85407.2	-5023.2	3809	10.0	90051.4	-5028.0	3899	10.0	90624.7	-5028.8
3630	9.4	84807.8	-5023.2	3720	10.0	85409.1	-5006.0	3810	10.0	90052.8	-5059.8	3900	10.0	90629.7	-5047.0
3631	9.5	84809.6	-5041.1	3721	10.0	85409.3	-5009.8	3811	10.0	90053.6	-5057.6	3901	10.0	90636.8	-5023.6
3632	10.0	84826.7	-5058.2	3722	10.0	85410.5	-5024.0	3812	9.7	90101.4	-5023.0	3902	10.0	90637.8	-5012.1
3633	10.0	84834.9	-5011.5	3723	9.8	85410.9	-5001.7	3813	9.9	90112.5	-5018.4	3903	10.0	90638.0	-5004.5
3634	10.0	84835.9	-5034.0	3724	10.0	85413.0	-5031.2	3814	10.0	90114.6	-5001.4	3904	10.0	90653.8	-5022.5
3635	10.0	84838.5	-5028.1	3725	10.0	85415.2	-5004.1	3815	9.7	90119.6	-5038.0	3905	10.0	90656.7	-5025.0
3636	9.6	84844.5	-5040.6	3726	10.0	85431.3	-5011.5	3816	10.0	90120.0	-5011.9	3906	10.0	90659.9	-5032.8
3637	8.7	84847.3	-5057.4	3727	8.0	85432.6	-5019.4	3817	10.0	90122.3	-5018.2	3907	9.9	90713.6	-5009.1
3638	10.0	84848.9	-5024.7	3728	10.0	85433.1	-5009.4	3818	10.0	90123.1	-5006.0	3908	10.0	90718.4	-5058.2
3639	10.0	84849.8	-5039.3	3729	9.6	85441.6	-5041.9	3819	9.8	90128.4	-5028.5	3909	10.0	90720.6	-5054.4
3640	10.0	84854.7	-5019.8	3730	9.5	85447.3	-5045.7	3820	10.0	90129.2	-5016.7	3910	10.0	90724.7	-5011.0
3641	10.0	84901.2	-5010.6	3731	10.0	85449.3	-5055.2	3821	10.0	90130.3	-5052.5	3911	10.0	90732.1	-5047.1
3642	9.9	84909.3	-5006.1	3732	10.0	85456.9	-5027.4	3822	10.0	90133.1	-5034.0	3912	10.0	90732.8	-5010.4
3643	10.0	84921.4	-5000.1	3733	10.0	85504.5	-5035.2	3823	10.0	90139.7	-5048.1	3913	10.0	90736.0	-5051.2
3644	10.0	84926.8	-5053.2	3734	10.0	85505.9	-5007.0	3824	9.5	90141.0	-5034.0	3914	7.9	90736.5	-5024.3
3645	10.0	84927.6	-5038.6	3735	10.0	85509.0	-5053.2	3825	10.0	90141.1	-5045.6	3915	10.0	90740.2	-5008.0
3646	9.2	84930.0	-5039.6	3736	9.8	85509.7	-5006.4	3826	10.0	90143.1	-5005.2	3916	10.0	90741.1	-5041.5
3647	8.9	84931.9	-5048.0	3737	9.3	85509.7	-5012.6	3827	10.0	90144.8	-5000.6	3917	10.0	90742.0	-5042.2
3648	10.0	84942.1	-5037.5	3738	10.0	85514.2	-5044.3	3828	10.0	90146.1	-5014.9	3918	10.0	90742.2	-5044.2
3649	10.0	84943.9	-5008.9	3739	10.0	85519.5	-5004.8	3829	9.4	90146.5	-5004.3	3919	10.0	90743.5	-5016.0
3650	10.0	84946.4	-5047.6	3740	10.0	85519.9	-5040.8	3830	9.8	90147.6	-5035.8	3920	10.0	90744.5	-5030.4
3651	10.0	84948.6	-5002.0	3741	9.8	85522.9	-5054.2	3831	8.6	90149.4	-5057.8	3921	9.8	90817.1	-5030.4
3652	10.0	84949.6	-5054.0	3742	9.8	85526.6	-5055.4	3832	10.0	90155.2	-5042.4	3922	10.0	90819.7	-5038.2
3653	10.0	84952.2	-5006.6	3743	9.2	85534.1	-5040.5	3833	9.9	90155.5	-5053.0	3923	10.0	90819.9	-5039.1
3654	9.0	84956.1	-5011.8	3744	8.7	85535.7	-5022.6	3834	10.0	90203.5	-5015.9	3924	9.7	90823.6	-5048.2
3655	10.0	84959.7	-5031.6	3745	9.7	85535.8	-5056.2	3835	9.8	90207.5	-5050.3	3925	10.0	90829.3	-5054.1
3656	10.0	85010.8	-5036.6	3746	10.0	85544.6	-5045.9	3836	10.0	90209.9	-5037.3	3926	10.0	90832.6	-5042.0
3657	10.0	85016.7	-5049.2	3747	9.7	85547.8	-5059.8	3837	10.0	90211.6	-5006.6	3927	10.0	90906.4	-5057.8
3658	9.2	85019.8	-5040.4	3748	10.0	85551.8	-5055.0	3838	10.0	90224.2	-5033.7	3928	9.9	90909.0	-5046.8
3659	9.4	85021.6	-5020.3	3749	10.0	85551.8	-5006.0	3839	9.7	90238.7	-5033.3	3929	10.0	90909.7	-5005.2
3660	9.3	85028.9	-5039.4	3750	10.0	85558.0	-5051.7	3840	11.0	90241.5	-5059.1	3930	9.7	90912.8	-5052.3
3661	10.0	85030.5	-5019.7	3751	10.0	85559.2	-5020.4	3841	10.0	90249.1	-5002.0	3931	10.0	90916.4	-5055.4
3662	10.0	85032.3	-5011.5	3752	10.0	85602.8	-5043.8	3842	11.0	90249.7	-5016.0	3932	9.3	90919.9	-5014.8
3663	9.3	85039.8	-5020.9	3753	10.0	85620.8	-5029.4	3843	10.0	90255.9	-5014.8	3933	10.0	90921.2	-5023.3
3664	10.0	85040.8	-5017.6	3754	9.9	85629.8	-5038.2	3844	9.8	90256.7	-5027.3	3934	10.0	90922.7	-5014.2
3665	10.0	85050.8	-5004.7	3755	10.0	85631.4	-5017.6	3845	9.3	90257.0	-5032.3	3935	10.0	90929.3	-5035.6
3666	10.0	85051.6	-5035.6	3756	9.8	85647.9	-5055.0	3846	10.0	90300.7	-5033.9	3936	10.0	90932.5	-5057.2
3667	10.0	85053.4	-5039.0	3757	9.4	85649.9	-5028.3	3847	9.5	90302.5	-5017.9	3937	11.0	90937.0	-5015.1
3668	10.0	85053.4	-5040.6	3758	9.4	85651.9	-5018.4	3848	10.0	90305.8	-5019.5	3938	10.5	90944.8	-5015.2
3669	10.0	85056.9	-5031.7	3759	10.0	85654.0	-5008.3	3849	6.8	90313.4	-5042.5	3939	10.0	90947.4	-5014.0
3670	10.0	85059.3	-5005.9	3760	10.0	85657.8	-5023.0	3850	10.0	90314.5	-5047.7	3940	10.5	90949.0	-5001.5
3671	9.3	85101.8	-5023.2	3761	9.0	85702.3	-5001.5	3851	9.6	90317.8	-5016.9	3941	9.0	90949.6	-5022.0
3672	9.9	85105.0	-5033.4	3762	9.0	85703.9	-5038.4	3852	10.0	90323.3	-5004.6	3942	9.8	90951.6	-5027.8
3673	10.0	85107.5	-5020.6	3763	9.5	85712.0	-5059.7	3853	10.0	90327.0	-5047.1	3943	9.8	90951.8	-5009.8
3674	9.1	85108.8	-5006.9	3764	9.5	85721.4	-5014.5	3854	9.2	90332.4	-5038.2	3944	8.7	90956.5	-5005.4
3675	10.0	85110.3	-5029.6	3765	10.0	85723.9	-5015.3	3855	8.8	90336.2	-5008.2	3945	10.0	90957.0	-5051.0
3676	9.2	85118.4	-5006.5	3766	10.0	85733.4	-5027.3	3856	10.0	90336.7	-5039.4	3946	9.3	90959.9	-5040.1
3677	10.0	85123.5	-5055.2	3767	10.0	85737.5	-5014.3	3857	10.0	90338.7	-5044.3	3947	10.0	91009.5	-5003.7
3678	10.0	85129.8	-5002.0	3768	10.0	85739.2	-5013.5	3858	10.0	90340.3	-5055.7	3948	10.0	91009.5	-5018.3
3679	10.0	85134.5	-5002.9	3769	10.0	85739.9	-5025.0	3859	10.0	90344.9	-5044.3	3949	9.9	91012.5	-5052.2
3680	10.0	85136.5	-5059.3	3770	10.0	85747.2	-5040.9	3860	10.0	90348.3	-5019.6	3950	9.8	91023.6	-5021.4
3681	10.0	85137.8	-5042.2	3771	10.0	85750.4	-5051.4	3861	10.0	90350.2	-5030.5	3951	9.9	91026.3	-5022.8
3682	10.0	85144.4	-5031.4	3772	10.0	85750.8	-5028.3	3862	10.6	90350.7	-5049.6	3952	10.0	91042.5	-5029.0
3683	10.0	85145.0	-5031.0	3773	10.0	85800.6	-5050.9	3863	10.0	90351.6	-5026.3	3953	9.5	91047.2	-5024.8
3684	10.0	85145.4	-5053.0	3774	10.0	85805.9	-5015.7	3864	10.0	90400.0	-5009.3	3954	10.0	91054.5	-5032.6
3685	8.5	85155.4	-5022.5	3775	10.0	85816.2	-5022.0	3865	10.0	90400.5	-5011.6	3955	10.0	91055.2	-5005.8
3686	9.9	85201.5	-5035.5	3776	9.6	85818.5	-5035.5	3866	10.2	90403.3	-5049.4	3956	10.0	91102.0	-5001.6
3687	10.0	85208.5	-5048.0	3777	10.0	85818.6	-5007.4	3867	10.0	90404.7	-5020.0	3957	10.0	91104.0	-5022.7
3688	10.0	85212.6	-5011.6	3778	9.7	85823.6	-5046.4	3868	9.6	90405.9	-5006.6	3958	10.0	91104.3	-5041.0
3689	10.0	85222.4	-5003.1	3779	10.0	85827.8	-5008.9	3869	8.9	90407.4	-5017.6	3959	9.7	91111.7	-5052.1
3690	10.0	85224.5	-5019.8	3780	9.6	85838.9	-5000.8	3870	8.2	90414.9	-5056.0	3960	10.0	91118.9	-5016.0

-50 3961 9h11m

-50 4320 9h33m

3961	10.0	91132.2 -5039.9	4051	10.0	91705.2 -5027.0	4141	10.0	92140.0 -5022.2	4231	10.0	92719.7 -5031.5
3962	9.9	91146.7 -5037.2	4052	9.9	91706.8 -5020.8	4142	10.0	92142.0 -5036.9	4232	10.0	92719.9 -5038.6
3963	9.2	91148.2 -5049.2	4053	9.8	91711.9 -5038.0	4143	10.0	92144.8 -5013.7	4233	10.0	92727.9 -5052.1
3964	10.0	91150.8 -5007.9	4054	10.0	91714.2 -5048.5	4144	10.0	92153.7 -5010.7	4234	10.0	92730.6 -5028.3
3965	10.0	91158.0 -5031.0	4055	8.4	91720.5 -5052.5	4145	10.0	92200.4 -5028.9	4235	10.0	92736.5 -5006.0
3966	10.0	91202.3 -5008.6	4056	9.5	91726.2 -5032.9	4146	10.0	92200.5 -5005.5	4236	10.0	92742.2 -5009.9
3967	10.0	91216.0 -5008.9	4057	10.0	91726.8 -5044.8	4147	8.2	92213.0 -5037.8	4237	10.0	92742.8 -5032.3
3968	10.0	91217.3 -5011.2	4058	10.0	91730.5 -5002.8	4148	9.2	92216.5 -5056.9	4238	10.0	92743.3 -5059.0
3969	10.0	91220.7 -5010.2	4059	10.0	91733.4 -5028.5	4149	10.0	92222.0 -5056.3	4239	10.0	92749.4 -5019.0
3970	10.0	91228.1 -5018.4	4060	9.9	91733.7 -5001.2	4150	10.0	92225.0 -5053.8	4240	10.0	92754.8 -5005.6
3971	9.8	91228.3 -5024.8	4061	9.1	91733.9 -5054.2	4151	10.0	92225.5 -5000.9	4241	9.8	92800.5 -5049.7
3972	9.1	91229.6 -5025.2	4062	10.0	91733.9 -5040.7	4152	10.0	92232.7 -5000.4	4242	9.6	92803.4 -5024.6
3973	9.4	91234.6 -5001.7	4063	10.0	91734.9 -5041.1	4153	10.0	92233.2 -5026.9	4243	10.0	92804.7 -5042.6
3974	10.0	91236.9 -5044.1	4064	10.0	91739.0 -5042.9	4154	10.0	92238.3 -5002.2	4244	10.0	92805.8 -5006.6
3975	10.0	91240.2 -5025.6	4065	10.0	91740.2 -5053.1	4155	10.0	92238.3 -5023.2	4245	10.0	92808.5 -5000.3
3976	10.0	91241.0 -5059.0	4066	9.9	91745.4 -5039.0	4156	10.0	92240.4 -5023.6	4246	10.0	92809.3 -5054.6
3977	10.0	91244.3 -5041.6	4067	10.0	91748.0 -5021.8	4157	9.8	92242.0 -5004.2	4247	10.0	92820.7 -5008.3
3978	10.0	91253.3 -5056.4	4068	10.0	91749.8 -5027.8	4158	10.0	92243.2 -5008.2	4248	10.0	92823.2 -5028.3
3979	7.8	91253.5 -5055.0	4069	10.0	91752.0 -5047.3	4159	10.0	92250.4 -5053.0	4249	9.3	92824.2 -5052.6
3980	9.6	91255.6 -5038.5	4070	10.0	91752.3 -5033.5	4160	9.5	92253.1 -5004.3	4250	10.0	92826.0 -5014.2
3981	10.5	91257.3 -5019.7	4071	10.0	91754.4 -5052.0	4161	10.0	92257.4 -5051.7	4251	9.4	92828.3 -5051.4
3982	10.5	91258.3 -5031.9	4072	10.0	91759.6 -5000.9	4162	9.9	92257.5 -5012.2	4252	10.0	92829.2 -5041.5
3983	10.5	91259.3 -5041.2	4073	10.0	91759.7 -5039.8	4163	10.0	92258.8 -5003.6	4253	10.0	92836.6 -5011.6
3984	9.8	91300.3 -5006.2	4074	10.0	91805.0 -5024.6	4164	9.8	92307.3 -5048.9	4254	10.0	92840.8 -5049.9
3985	10.0	91301.8 -5004.0	4075	9.9	91808.5 -5024.0	4165	9.5	92309.5 -5056.1	4255	10.0	92848.9 -5023.0
3986	10.0	91307.7 -5007.6	4076	10.0	91813.7 -5023.5	4166	10.0	92309.7 -5022.7	4256	10.0	92856.4 -5013.3
3987	9.9	91311.8 -5018.4	4077	10.0	91814.9 -5020.2	4167	10.0	92312.4 -5009.7	4257	10.0	92904.7 -5007.1
3988	10.0	91311.8 -5048.8	4078	10.0	91818.6 -5015.3	4168	9.6	92316.2 -5031.5	4258	10.0	92906.2 -5004.7
3989	10.0	91312.3 -5046.2	4079	9.8	91819.5 -5038.4	4169	10.0	92321.8 -5020.4	4259	10.0	92907.7 -5009.0
3990	7.6	91315.4 -5003.0	4080	10.0	91824.7 -5045.2	4170	9.5	92326.8 -5011.0	4260	10.0	92908.4 -5015.8
3991	10.0	91317.8 -5042.3	4081	10.0	91836.2 -5058.7	4171	9.9	92329.5 -5045.3	4261	10.0	92913.5 -5058.7
3992	10.2	91318.3 -5010.3	4082	10.0	91837.8 -5011.3	4172	9.8	92331.0 -5034.2	4262	9.9	92918.5 -5054.0
3993	9.9	91319.2 -5019.4	4083	10.0	91842.1 -5048.8	4173	10.0	92341.7 -5036.8	4263	10.0	92919.5 -5018.3
3994	9.6	91321.5 -5012.2	4084	10.0	91842.3 -5038.0	4174	10.0	92346.6 -5051.9	4264	10.0	92922.3 -5046.7
3995	9.6	91322.0 -5025.8	4085	10.0	91843.4 -5057.9	4175	10.0	92349.2 -5048.9	4265	10.0	92934.6 -5002.3
3996	9.6	91337.7 -5013.4	4086	9.9	91849.4 -5031.5	4176	10.0	92357.3 -5030.9	4266	10.0	92935.0 -5007.7
3997	9.9	91340.2 -5033.7	4087	9.0	91854.4 -5002.2	4177	10.0	92359.2 -5026.5	4267	10.0	92936.5 -5056.7
3998	9.8	91351.4 -5015.7	4088	10.0	91859.2 -5011.0	4178	9.9	92401.7 -5005.4	4268	10.0	92936.8 -5014.7
3999	10.0	91352.3 -5046.0	4089	10.0	91900.0 -5002.5	4179	10.0	92407.5 -5053.2	4269	10.0	92945.1 -5022.5
4000	10.0	91356.2 -5016.3	4090	10.0	91904.8 -5023.9	4180	10.0	92410.7 -5001.8	4270	5.4	92949.4 -5042.0
4001	5.8	91356.9 -5031.6	4091	9.7	91907.7 -5059.3	4181	10.0	92415.9 -5020.6	4271	8.9	92954.6 -5002.8
4002	10.0	91403.6 -5054.8	4092	10.0	91908.9 -5002.9	4182	10.0	92416.5 -5033.6	4272	10.0	92956.7 -5029.3
4003	10.0	91405.0 -5055.3	4093	10.0	91914.5 -5015.6	4183	10.0	92417.3 -5003.8	4273	10.0	93000.9 -5059.0
4004	9.5	91407.7 -5033.1	4094	10.0	91925.1 -5019.1	4184	10.0	92420.0 -5039.9	4274	10.0	93014.2 -5043.5
4005	9.8	91413.8 -5041.0	4095	10.0	91926.2 -5035.3	4185	10.0	92420.6 -5036.8	4275	10.0	93016.9 -5033.3
4006	10.0	91415.4 -5005.5	4096	10.0	91930.0 -5054.1	4186	9.9	92422.9 -5011.4	4276	8.5	93026.2 -5000.3
4007	10.0	91416.8 -5038.0	4097	9.8	91935.3 -5006.8	4187	9.9	92423.3 -5050.2	4277	9.4	93034.3 -5005.8
4008	10.0	91416.8 -5002.9	4098	10.0	91936.6 -5038.8	4188	10.0	92429.0 -5018.8	4278	9.2	93034.8 -5002.0
4009	10.0	91421.2 -5043.5	4099	10.0	91937.3 -5027.5	4189	9.3	92431.6 -5021.4	4279	10.0	93039.6 -5015.3
4010	9.2	91421.8 -5004.4	4100	10.0	91938.7 -5027.9	4190	10.0	92452.8 -5056.0	4280	10.0	93039.6 -5037.5
4011	10.0	91429.2 -5028.3	4101	9.5	91940.0 -5047.4	4191	10.0	92454.1 -5059.8	4281	10.0	93044.2 -5050.7
4012	9.7	91448.1 -5002.3	4102	10.0	91941.8 -5004.2	4192	10.0	92459.5 -5018.4	4282	9.1	93047.5 -5037.6
4013	9.2	91449.3 -5013.0	4103	10.0	91943.0 -5051.7	4193	10.0	92459.8 -5038.7	4283	10.0	93100.2 -5036.6
4014	10.0	91451.4 -5048.6	4104	9.9	91945.3 -5012.6	4194	10.0	92504.3 -5048.8	4284	10.0	93108.7 -5006.5
4015	10.0	91459.3 -5034.8	4105	10.0	91945.3 -5014.9	4195	9.3	92510.7 -5005.9	4285	10.0	93109.5 -5008.5
4016	10.0	91504.6 -5056.0	4106	9.7	91949.3 -5054.5	4196	10.0	92514.5 -5032.2	4286	10.0	93109.8 -5023.0
4017	9.7	91508.9 -5011.8	4107	10.0	91950.2 -5000.9	4197	7.3	92518.0 -5003.6	4287	10.0	93113.3 -5022.2
4018	9.9	91509.4 -5058.1	4108	10.0	92003.6 -5040.2	4198	9.9	92520.2 -5006.7	4288	9.6	93114.9 -5001.2
4019	9.9	91510.8 -5009.3	4109	9.2	92004.3 -5052.0	4199	10.0	92525.6 -5053.3	4289	10.0	93115.3 -5058.0
4020	10.0	91520.3 -5010.7	4110	10.0	92006.6 -5001.2	4200	10.0	92526.0 -5029.8	4290	10.0	93118.5 -5059.5
4021	10.0	91521.7 -5013.8	4111	10.0	92007.8 -5011.6	4201	9.9	92526.6 -5033.7	4291	10.0	93127.6 -5016.8
4022	10.0	91523.6 -5024.0	4112	9.9	92009.6 -5018.0	4202	10.0	92533.2 -5041.7	4292	9.9	93130.0 -5015.6
4023	10.0	91523.6 -5056.0	4113	10.0	92011.7 -5045.9	4203	9.8	92544.3 -5022.7	4293	9.4	93133.9 -5003.2
4024	10.0	91523.8 -5042.4	4114	10.0	92013.9 -5054.9	4204	5.9	92550.3 -5058.2	4294	9.8	93134.4 -5031.5
4025	9.8	91529.5 -5037.0	4115	10.0	92014.2 -5025.7	4205	9.7	92551.2 -5006.4	4295	10.0	93134.6 -5001.0
4026	9.2	91544.0 -5001.3	4116	10.0	92019.6 -5055.8	4206	10.0	92603.9 -5003.1	4296	10.0	93138.1 -5013.3
4027	10.0	91546.9 -5003.5	4117	10.0	92021.4 -5051.8	4207	10.0	92604.0 -5045.3	4297	10.0	93142.5 -5050.3
4028	10.0	91549.4 -5054.0	4118	10.0	92028.4 -5024.2	4208	10.0	92608.8 -5051.8	4298	10.0	93150.0 -5024.6
4029	10.0	91559.5 -5016.0	4119	10.0	92030.1 -5052.8	4209	9.9	92616.6 -5020.4	4299	7.6	93158.0 -5057.2
4030	10.0	91600.3 -5046.4	4120	10.0	92033.2 -5057.5	4210	10.0	92620.7 -5027.5	4300	10.0	93158.1 -5004.0
4031	10.0	91600.4 -5022.9	4121	10.0	92035.5 -5021.7	4211	10.0	92624.1 -5039.8	4301	9.9	93158.2 -5001.2
4032	10.0	91601.5 -5039.8	4122	10.0	92037.3 -5044.0	4212	10.0	92634.1 -5034.2	4302	10.0	93158.7 -5039.7
4033	9.9	91602.6 -5022.0	4123	9.9	92042.8 -5014.4	4213	10.0	92635.7 -5031.3	4303	10.0	93200.0 -5012.6
4034	10.0	91605.2 -5025.6	4124	10.0	92044.7 -5057.7	4214	10.0	92636.5 -5006.1	4304	10.0	93204.1 -5028.6
4035	10.0	91610.6 -5006.2	4125	10.0	92051.9 -5016.6	4215	9.9	92637.7 -5052.4	4305	10.0	93216.3 -5028.4
4036	9.8	91611.4 -5021.8	4126	10.0	92053.8 -5026.7	4216	10.0	92641.7 -5018.0	4306	10.0	93219.4 -5003.7
4037	8.9	91619.4 -5015.8	4127	10.0	92104.2 -5056.2	4217	9.8	92645.6 -5030.8	4307	9.9	93233.5 -5007.0
4038	10.0	91621.1 -5038.3	4128	10.0	92104.3 -5018.0	4218	10.0	92648.4 -5023.6	4308	10.0	93235.2 -5048.6
4039	9.9	91623.0 -5026.0	4129	10.0	92105.6 -5045.7	4219	9.9	92650.8 -5009.5	4309	10.0	93237.6 -5023.6
4040	10.0	91626.2 -5023.8	4130	10.0	92106.2 -5025.9	4220	9.8	92654.8 -5044.7	4310	10.0	93238.8 -5055.6
4041	9.3	91626.9 -5023.2	4131	10.0	92113.6 -5052.6	4221	10.0	92655.3 -5024.7	4311	10.0	93240.2 -5056.2
4042	9.8	91628.0 -5058.9	4132	9.9	92117.7 -5003.5	4222	10.0	92656.2 -5055.7	4312	10.0	93241.0 -5012.5
4043	10.5	91628.0 -5026.7	4133	10.0	92126.3 -5057.3	4223	9.4	92701.6 -5047.8	4313	10.0	93247.6 -5041.6
4044	8.7	91628.2 -5010.3	4134	10.0	92128.8 -5016.4	4224	10.0	92704.7 -5020.6	4314	10.0	93248.7 -5026.0
4045	9.7	91633.3 -5051.0	4135	10.0	92129.4 -5009.7	4225	9.8	92705.6 -5002.5	4315	10.0	93251.0 -5045.3
4046	9.8	91647.2 -5042.4	4136	10.0	92129.6 -5007.8	4226	9.8	92706.7 -5012.9	4316	9.8	93251.0 -5037.7
4047	10.0	91651.2 -5048.3	4137	10.0	92131.8 -5007.6	4227	9.9	92707.8 -5039.9	4317	9.4	93251.2 -5032.0
4048	10.0	91657.4 -5015.8	4138	9.9	92132.5 -5038.3	4228	10.0	92708.0 -5011.6	4318	9.8	93256.2 -5041.0
4049	10.0	91701.5 -5030.0	4139	10.0	92134.5 -5010.5	4229	9.9	92716.0 -5033.1	4319	10.0	93303.3 -5015.7
4050	10.0	91702.2 -5041.8	4140	10.0	92138.8 -5042.8	4230	8.4	92717.2 -5042.0	4320	9.0	93303.5 -5054.0

-50 4321 9h33m

-50 4680 9h52m

4321	9.5	93311.2 -5001.4	4411	9.4	93811.2 -5030.9	4501	10.0	94227.4 -5058.6	4591	10.0	94746.9 -5031.8
4322	10.0	93313.4 -5055.6	4412	10.0	93820.7 -5006.1	4502	11.0	94229.5 -5000.4	4592	10.0	94750.8 -5004.5
4323	9.9	93316.6 -5014.0	4413	10.0	93827.9 -5010.4	4503	10.5	94240.0 -5054.4	4593	10.0	94752.3 -5016.3
4324	10.0	93318.7 -5034.6	4414	10.0	93836.5 -5045.7	4504	10.0	94244.5 -5041.8	4594	10.8	94759.7 -5001.8
4325	9.9	93323.1 -5037.3	4415	10.0	93846.4 -5028.6	4505	9.9	94245.0 -5012.6	4595	9.9	94800.0 -5011.4
4326	10.0	93325.4 -5053.6	4416	10.0	93848.7 -5014.9	4506	10.0	94246.5 -5035.9	4596	9.9	94807.5 -5048.9
4327	10.0	93325.7 -5018.4	4417	10.0	93855.7 -5022.4	4507	9.9	94247.1 -5012.8	4597	10.0	94807.8 -5015.1
4328	9.7	93329.0 -5059.1	4418	10.0	93855.7 -5049.4	4508	10.0	94256.0 -5055.6	4598	9.3	94813.2 -5029.4
4329	9.8	93332.7 -5024.6	4419	10.0	93857.3 -5016.0	4509	10.0	94259.3 -5019.6	4599	10.0	94814.7 -5000.3
4330	9.6	93334.6 -5041.0	4420	6.8	93901.0 -5039.4	4510	10.0	94259.5 -5048.2	4600	10.0	94814.8 -5001.1
4331	10.0	93337.2 -5057.6	4421	10.0	93903.7 -5005.5	4511	10.0	94301.3 -5043.6	4601	9.2	94817.7 -5027.1
4332	10.0	93341.0 -5018.8	4422	10.0	93903.8 -5011.0	4512	10.0	94302.0 -5037.6	4602	10.0	94821.6 -5002.4
4333	10.0	93341.8 -5013.2	4423	10.0	93908.1 -5001.3	4513	10.0	94303.5 -5002.9	4603	8.4	94823.2 -5054.5
4334	9.7	93344.8 -5006.1	4424	10.0	93908.3 -5008.0	4514	10.0	94303.8 -5033.4	4604	10.0	94823.5 -5044.7
4335	9.2	93347.2 -5034.2	4425	9.0	93908.7 -5057.4	4515	10.0	94307.5 -5035.6	4605	10.0	94824.7 -5047.2
4336	9.5	93348.8 -5039.1	4426	10.0	93910.8 -5024.6	4516	10.0	94309.5 -5054.2	4606	10.0	94826.2 -5002.0
4337	10.0	93355.4 -5021.6	4427	10.0	93917.0 -5019.0	4517	10.0	94317.3 -5017.6	4607	10.0	94831.0 -5036.6
4338	9.5	93359.9 -5028.0	4428	10.0	93923.2 -5006.1	4518	10.0	94318.4 -5036.4	4608	9.0	94836.0 -5020.6
4339	9.3	93405.9 -5014.3	4429	9.9	93929.7 -5002.2	4519	10.0	94319.5 -5017.1	4609	10.8	94839.2 -5047.3
4340	10.0	93406.5 -5055.6	4430	10.0	93930.0 -5041.0	4520	10.8	94321.0 -5017.4	4610	10.0	94841.3 -5021.4
4341	10.0	93408.9 -5058.8	4431	10.0	93933.4 -5016.4	4521	10.0	94329.5 -5020.0	4611	10.0	94844.4 -5048.2
4342	10.0	93412.2 -5032.1	4432	8.0	93936.5 -5047.6	4522	10.0	94333.8 -5030.4	4612	10.0	94846.0 -5039.4
4343	10.0	93413.4 -5038.4	4433	9.4	93948.9 -5055.7	4523	10.0	94336.6 -5036.0	4613	9.6	94850.3 -5055.0
4344	10.0	93417.1 -5020.2	4434	9.3	93950.4 -5043.9	4524	10.0	94340.0 -5015.4	4614	10.0	94851.8 -5034.9
4345	9.1	93422.0 -5059.4	4435	11.0	93956.0 -5037.4	4525	9.4	94340.0 -5042.5	4615	9.5	94854.8 -5048.8
4346	10.0	93425.3 -5024.8	4436	10.0	93958.5 -5056.5	4526	9.9	94340.8 -5058.0	4616	10.8	94856.2 -5051.1
4347	9.7	93428.6 -5031.5	4437	9.6	93959.7 -5059.6	4527	8.5	94349.4 -5022.8	4617	10.0	94858.4 -5025.6
4348	10.0	93429.8 -5022.8	4438	9.1	94000.2 -5040.7	4528	9.8	94358.5 -5031.9	4618	9.5	94858.6 -5002.0
4349	10.0	93430.3 -5031.0	4439	10.0	94003.7 -5020.9	4529	10.0	94359.6 -5006.8	4619	10.8	94859.7 -5050.6
4350	10.0	93431.4 -5020.3	4440	8.8	94006.3 -5015.2	4530	10.0	94403.6 -5010.5	4620	10.8	94901.2 -5003.8
4351	9.5	93432.0 -5058.9	4441	10.0	94014.4 -5005.2	4531	10.0	94408.2 -5043.7	4621	10.2	94911.2 -5048.0
4352	10.0	93432.3 -5005.4	4442	10.0	94014.7 -5020.8	4532	8.9	94410.2 -5025.0	4622	6.2	94915.3 -5033.4
4353	8.5	93438.2 -5016.7	4443	10.0	94015.5 -5027.0	4533	9.9	94410.5 -5023.8	4623	9.9	94928.2 -5028.2
4354	10.0	93440.0 -5009.8	4444	10.0	94017.3 -5059.9	4534	10.0	94410.9 -5033.2	4624	9.9	94939.9 -5015.4
4355	10.5	93447.3 -5023.4	4445	10.0	94020.0 -5048.3	4535	9.9	94411.0 -5024.3	4625	9.9	94942.1 -5016.4
4356	10.0	93456.9 -5004.2	4446	10.0	94021.0 -5045.2	4536	9.7	94414.1 -5058.0	4626	10.5	94947.7 -5019.2
4357	10.0	93459.8 -5024.0	4447	9.9	94022.8 -5035.8	4537	9.5	94415.8 -5045.7	4627	10.0	94949.0 -5024.2
4358	10.0	93459.9 -5011.2	4448	10.0	94023.3 -5007.4	4538	9.9	94418.0 -5055.0	4628	10.0	94949.5 -5010.0
4359	10.0	93501.8 -5059.9	4449	9.9	94023.5 -5012.0	4539	9.8	94422.3 -5030.8	4629	10.0	94950.2 -5021.8
4360	10.0	93506.6 -5046.3	4450	10.0	94024.0 -5011.0	4540	10.0	94423.6 -5019.4	4630	10.8	94950.2 -5015.0
4361	10.0	93508.3 -5014.8	4451	9.8	94024.4 -5014.9	4541	9.8	94432.4 -5038.8	4631	10.8	94954.2 -5021.7
4362	10.0	93509.8 -5014.2	4452	9.8	94028.7 -5000.4	4542	10.5	94434.5 -5044.3	4632	9.8	94958.5 -5016.6
4363	10.0	93518.0 -5022.5	4453	10.0	94031.6 -5050.3	4543	10.0	94435.0 -5056.1	4633	10.6	95001.2 -5017.3
4364	10.0	93518.4 -5050.5	4454	10.3	94032.0 -5006.2	4544	9.8	94435.7 -5034.4	4634	10.0	95001.2 -5057.3
4365	9.3	93520.9 -5020.8	4455	10.0	94033.3 -5037.1	4545	10.0	94437.1 -5006.4	4635	9.4	95004.6 -5056.9
4366	10.0	93521.9 -5052.3	4456	9.3	94034.3 -5005.6	4546	10.0	94438.5 -5034.7	4636	9.9	95008.7 -5024.2
4367	8.9	93523.0 -5055.6	4457	10.0	94035.4 -5040.9	4547	10.0	94439.0 -5008.3	4637	10.6	95010.2 -5019.0
4368	10.0	93529.8 -5048.0	4458	10.7	94040.5 -5010.3	4548	10.8	94439.5 -5017.8	4638	9.9	95023.0 -5051.0
4369	10.0	93532.3 -5005.3	4459	9.1	94041.5 -5010.2	4549	8.0	94447.2 -5004.6	4639	8.8	95023.6 -5024.4
4370	10.0	93536.8 -5024.8	4460	10.0	94041.6 -5041.9	4550	10.0	94454.4 -5045.6	4640	9.0	95023.8 -5013.8
4371	10.0	93539.2 -5010.2	4461	10.5	94047.7 -5015.6	4551	10.0	94458.4 -5044.2	4641	9.8	95024.8 -5005.0
4372	10.0	93548.8 -5053.8	4462	9.9	94049.7 -5057.6	4552	11.0	94459.0 -5036.8	4642	10.8	95027.2 -5019.7
4373	10.0	93549.1 -5000.9	4463	10.0	94050.0 -5041.4	4553	10.0	94459.8 -5040.2	4643	10.0	95034.2 -5016.0
4374	10.0	93554.3 -5015.7	4464	10.0	94051.4 -5018.9	4554	10.0	94500.6 -5007.4	4644	10.0	95035.2 -5022.2
4375	10.0	93558.0 -5043.4	4465	9.8	94053.6 -5035.6	4555	10.0	94507.0 -5031.0	4645	10.0	95049.0 -5038.0
4376	10.0	93600.0 -5013.3	4466	10.0	94054.1 -5029.4	4556	10.0	94512.9 -5046.6	4646	10.0	95049.8 -5023.0
4377	10.0	93600.4 -5047.8	4467	10.0	94055.8 -5010.3	4557	10.0	94514.6 -5022.1	4647	10.5	95051.7 -5052.6
4378	10.0	93600.7 -5045.6	4468	10.5	94056.0 -5049.5	4558	10.0	94519.8 -5039.7	4648	9.8	95051.9 -5032.0
4379	10.5	93600.8 -5020.0	4469	10.0	94057.8 -5026.2	4559	10.0	94520.0 -5007.5	4649	10.0	95056.6 -5056.2
4380	10.0	93604.1 -5023.1	4470	10.0	94102.3 -5003.0	4560	9.9	94525.8 -5036.9	4650	10.0	95104.8 -5024.2
4381	10.0	93611.0 -5037.6	4471	10.0	94111.0 -5047.9	4561	10.8	94527.1 -5013.9	4651	10.0	95109.8 -5025.0
4382	9.8	93611.7 -5002.8	4472	10.0	94113.3 -5040.4	4562	10.0	94528.8 -5008.0	4652	10.0	95114.0 -5023.4
4383	10.0	93611.8 -5048.6	4473	9.7	94117.6 -5006.8	4563	7.9	94530.0 -5002.5	4653	10.0	95116.2 -5035.9
4384	10.0	93613.0 -5049.6	4474	10.0	94118.5 -5037.2	4564	10.0	94535.0 -5055.4	4654	10.0	95116.8 -5012.2
4385	10.0	93617.4 -5045.5	4475	10.5	94119.5 -5020.4	4565	10.7	94540.2 -5008.0	4655	10.0	95128.0 -5032.4
4386	9.9	93618.8 -5028.3	4476	10.0	94122.5 -5034.3	4566	10.8	94549.2 -5036.8	4656	10.0	95133.3 -5026.4
4387	9.9	93620.6 -5001.2	4477	10.0	94122.8 -5031.6	4567	10.0	94555.7 -5002.6	4657	10.0	95135.7 -5041.2
4388	9.9	93624.3 -5000.4	4478	10.5	94123.5 -5021.0	4568	10.0	94557.1 -5035.6	4658	9.8	95136.5 -5029.0
4389	8.8	93645.2 -5021.9	4479	10.0	94124.5 -5056.2	4569	9.9	94600.0 -5044.2	4659	9.2	95136.5 -5040.2
4390	10.0	93647.7 -5019.5	4480	9.6	94124.8 -5012.1	4570	9.9	94611.7 -5056.3	4660	9.7	95140.2 -5042.6
4391	8.6	93650.0 -5035.3	4481	8.3	94130.6 -5017.6	4571	10.0	94618.5 -5015.2	4661	10.0	95143.3 -5055.2
4392	10.0	93651.2 -5008.3	4482	9.9	94141.0 -5010.2	4572	8.8	94620.4 -5055.3	4662	6.7	95146.2 -5044.4
4393	10.0	93655.3 -5055.2	4483	10.0	94146.4 -5010.3	4573	10.0	94620.6 -5020.8	4663	10.6	95146.7 -5054.9
4394	10.0	93659.6 -5004.9	4484	10.0	94147.8 -5046.2	4574	10.0	94636.6 -5003.4	4664	10.5	95202.2 -5016.3
4395	10.0	93701.6 -5003.0	4485	10.0	94149.1 -5040.8	4575	10.0	94639.5 -5005.7	4665	10.0	95202.8 -5023.0
4396	10.0	93706.0 -5046.3	4486	10.0	94150.0 -5049.9	4576	10.0	94640.1 -5028.6	4666	10.0	95205.1 -5003.6
4397	10.0	93708.6 -5003.4	4487	10.0	94152.0 -5053.2	4577	10.0	94643.0 -5051.2	4667	10.0	95212.5 -5058.5
4398	9.7	93712.2 -5057.4	4488	9.3	94154.7 -5047.4	4578	9.9	94645.6 -5044.6	4668	9.6	95213.0 -5011.3
4399	8.9	93718.2 -5057.5	4489	9.9	94155.1 -5021.2	4579	10.0	94655.6 -5023.1	4669	10.6	95213.4 -5023.0
4400	9.9	93720.4 -5018.2	4490	10.0	94156.0 -5008.0	4580	10.0	94702.3 -5005.8	4670	10.0	95213.8 -5040.9
4401	10.0	93734.2 -5046.5	4491	10.0	94158.5 -5033.2	4581	10.8	94705.2 -5002.2	4671	10.0	95215.7 -5015.2
4402	10.0	93739.4 -5051.5	4492	10.0	94159.6 -5016.9	4582	9.7	94709.8 -5015.4	4672	10.0	95220.8 -5009.4
4403	10.0	93743.4 -5041.3	4493	10.0	94200.0 -5028.6	4583	9.9	94711.1 -5018.1	4673	9.5	95226.6 -5030.7
4404	9.3	93745.4 -5028.9	4494	10.0	94203.0 -5042.8	4584	10.0	94721.0 -5030.7	4674	10.5	95228.7 -5006.0
4405	8.9	93759.9 -5035.6	4495	9.0	94206.2 -5047.8	4585	10.0	94727.3 -5049.2	4675	9.9	95234.8 -5043.3
4406	10.0	93801.2 -5024.4	4496	9.9	94213.2 -5056.0	4586	9.9	94730.9 -5026.7	4676	9.9	95236.9 -5059.0
4407	9.6	93803.5 -5022.3	4497	10.0	94215.0 -5034.4	4587	10.0	94728.7 -5007.9	4677	10.0	95237.9 -5004.0
4408	10.0	93803.7 -5005.8	4498	10.0	94222.6 -5043.8	4588	10.0	94739.3 -5022.1	4678	10.0	95243.0 -5051.2
4409	10.0	93808.7 -5039.0	4499	11.0	94225.0 -5019.0	4589	10.0	94741.0 -5031.2	4679	9.5	95247.3 -5006.4
4410	9.4	93809.0 -5010.0	4500	10.0	94226.1 -5055.4	4590	10.0	94749.5 -5054.0	4680	10.0	95248.3 -5054.0

-50 4681 9h52m

-50 5040 10h13m

4681	10.0	95251.9	-5048.7	4771	10.8	95911.1	-5018.8	4861	9.9	100511.7	-5040.4	4951	10.0	101000.2	-5026.2
4682	9.4	95254.2	-5024.0	4772	10.0	95911.4	-5042.0	4862	9.9	100515.8	-5030.4	4952	10.0	101000.7	-5017.4
4683	10.0	95255.4	-5009.6	4773	10.7	95912.1	-5028.5	4863	9.7	100518.0	-5034.9	4953	10.0	101000.8	-5059.0
4684	10.0	95311.1	-5002.1	4774	10.0	95914.4	-5045.0	4864	10.0	100526.2	-5057.0	4954	10.0	101001.2	-5047.0
4685	10.0	95311.6	-5006.2	4775	10.0	95918.7	-5049.4	4865	10.0	100527.3	-5009.0	4955	10.0	101002.8	-5025.0
4686	10.0	95313.0	-5003.0	4776	10.0	95925.7	-5015.6	4866	10.0	100536.5	-5004.2	4956	9.8	101015.7	-5003.4
4687	10.0	95313.1	-5011.0	4777	10.0	95929.6	-5027.6	4867	10.0	100537.6	-5006.4	4957	10.0	101017.8	-5017.5
4688	10.0	95315.3	-5008.4	4778	9.0	95935.1	-5014.4	4868	8.6	100539.4	-5033.0	4958	10.0	101018.6	-5005.5
4689	9.7	95319.7	-5041.0	4779	10.0	95936.1	-5026.3	4869	10.0	100540.8	-5014.0	4959	10.0	101023.1	-5020.0
4690	9.8	95321.1	-5013.6	4780	10.0	95939.4	-5037.7	4870	10.0	100545.8	-5004.1	4960	10.0	101024.3	-5036.9
4691	10.0	95326.6	-5035.3	4781	10.0	95939.8	-5021.9	4871	10.0	100553.8	-5056.4	4961	10.0	101038.0	-5005.2
4692	9.1	95331.6	-5027.2	4782	10.0	95942.0	-5013.9	4872	9.9	100555.1	-5011.8	4962	10.0	101038.6	-5006.0
4693	9.9	95335.6	-5058.0	4783	10.0	95943.6	-5023.4	4873	10.0	100558.5	-5019.8	4963	10.0	101039.4	-5004.4
4694	10.0	95340.7	-5006.6	4784	9.9	95949.8	-5026.5	4874	9.8	100559.6	-5025.4	4964	10.0	101045.3	-5053.9
4695	10.0	95340.7	-5000.8	4785	10.7	95952.1	-5047.0	4875	10.0	100604.7	-5019.7	4965	10.0	101046.9	-5044.9
4696	9.7	95341.6	-5038.0	4786	9.5	95953.8	-5048.1	4876	10.0	100607.7	-5003.3	4966	7.8	101049.1	-5038.1
4697	9.5	95342.5	-5032.2	4787	9.3	95955.6	-5042.0	4877	10.0	100610.6	-5008.8	4967	10.0	101054.6	-5016.8
4698	10.0	95346.9	-5052.4	4788	10.0	100000.0	-5000.8	4878	8.3	100614.0	-5012.8	4968	10.0	101055.3	-5032.2
4699	10.5	95354.1	-5050.5	4789	10.0	100016.6	-5013.1	4879	10.0	100615.3	-5042.7	4969	10.0	101057.9	-5017.6
4700	10.0	95354.5	-5035.4	4790	9.9	100016.7	-5010.5	4880	8.7	100620.8	-5023.0	4970	10.0	101058.0	-5028.2
4701	9.0	95358.4	-5023.8	4791	6.5	100019.3	-5042.2	4881	10.0	100623.3	-5038.0	4971	9.3	101059.4	-5042.0
4702	10.0	95359.2	-5055.7	4792	10.0	100026.0	-5051.5	4882	9.0	100627.5	-5040.1	4972	10.0	101106.5	-5012.9
4703	10.0	95401.4	-5007.8	4793	10.0	100037.0	-5027.0	4883	10.0	100633.9	-5032.0	4973	10.0	101112.3	-5032.7
4704	10.5	95403.6	-5051.4	4794	9.9	100037.9	-5031.9	4884	10.0	100638.5	-5039.3	4974	10.0	101114.9	-5036.0
4705	9.9	95406.6	-5046.7	4795	10.0	100038.8	-5016.4	4885	10.0	100643.3	-5011.4	4975	10.0	101119.6	-5031.5
4706	10.4	95413.1	-5043.4	4796	10.0	100046.0	-5023.7	4886	10.0	100646.2	-5043.2	4976	10.0	101122.0	-5010.4
4707	10.0	95414.1	-5006.0	4797	10.0	100046.3	-5006.1	4887	10.0	100649.1	-5033.4	4977	10.0	101122.1	-5038.7
4708	10.0	95416.1	-5018.5	4798	10.0	100048.5	-5059.4	4888	10.0	100656.8	-5004.6	4978	10.0	101123.5	-5019.9
4709	10.8	95416.1	-5021.2	4799	9.8	100054.9	-5046.2	4889	10.0	100659.8	-5044.4	4979	10.0	101124.6	-5038.8
4710	10.8	95416.6	-5025.8	4800	10.0	100103.5	-5029.8	4890	10.0	100700.6	-5011.2	4980	10.0	101126.0	-5045.7
4711	10.0	95417.6	-5026.7	4801	10.0	100105.6	-5056.0	4891	10.0	100701.0	-5056.0	4981	10.0	101130.0	-5002.0
4712	10.0	95424.8	-5055.0	4802	10.0	100106.7	-5001.8	4892	9.9	100702.1	-5053.3	4982	10.0	101130.3	-5006.0
4713	10.0	95428.4	-5016.6	4803	9.7	100107.6	-5037.0	4893	10.0	100704.9	-5028.7	4983	9.9	101133.6	-5005.9
4714	10.0	95437.8	-5009.2	4804	10.0	100116.5	-5047.4	4894	10.0	100706.9	-5027.7	4984	10.0	101134.8	-5018.2
4715	10.0	95441.2	-5000.2	4805	10.0	100129.3	-5001.2	4895	10.0	100708.0	-5055.0	4985	10.0	101138.5	-5016.7
4716	10.0	95444.6	-5026.0	4806	8.6	100130.9	-5016.4	4896	10.0	100708.7	-5033.4	4986	10.0	101140.0	-5024.6
4717	10.0	95451.0	-5013.5	4807	10.0	100134.6	-5033.6	4897	10.0	100710.7	-5047.2	4987	10.0	101141.5	-5044.2
4718	10.0	95452.0	-5001.9	4808	10.0	100150.9	-5031.8	4898	10.0	100711.4	-5055.3	4988	10.0	101141.7	-5035.6
4719	10.0	95456.3	-5057.8	4809	10.0	100152.8	-5034.7	4899	10.0	100719.7	-5050.4	4989	10.0	101146.9	-5055.0
4720	9.8	95504.9	-5051.2	4810	10.0	100153.1	-5059.0	4900	10.0	100725.1	-5049.4	4990	6.9	101148.4	-5034.9
4721	10.0	95511.0	-5042.6	4811	9.8	100154.3	-5033.3	4901	10.0	100728.0	-5037.4	4991	10.0	101150.0	-5026.1
4722	10.0	95530.9	-5000.9	4812	10.0	100204.3	-5003.4	4902	10.0	100729.6	-5002.6	4992	10.0	101150.9	-5056.4
4723	10.0	95531.0	-5035.2	4813	7.3	100207.1	-5028.1	4903	10.0	100731.9	-5056.9	4993	10.0	101151.5	-5014.3
4724	10.0	95534.2	-5045.3	4814	10.0	100211.2	-5046.1	4904	10.0	100734.6	-5021.2	4994	10.0	101155.1	-5029.0
4725	10.0	95534.4	-5057.0	4815	10.0	100217.6	-5028.2	4905	10.0	100734.9	-5039.1	4995	9.8	101157.6	-5023.4
4726	10.0	95535.6	-5036.6	4816	9.8	100223.0	-5043.3	4906	10.0	100734.9	-5040.4	4996	9.8	101159.6	-5004.7
4727	9.9	95544.7	-5019.2	4817	10.0	100232.3	-5015.6	4907	10.0	100742.1	-5010.0	4997	9.9	101200.1	-5029.3
4728	10.0	95550.7	-5037.2	4818	9.8	100237.0	-5038.7	4908	10.0	100742.1	-5026.0	4998	10.0	101201.3	-5032.7
4729	8.9	95554.3	-5029.4	4819	10.0	100238.5	-5025.4	4909	10.0	100743.8	-5030.2	4999	10.0	101201.9	-5010.3
4730	9.2	95557.5	-5019.6	4820	10.0	100239.1	-5001.4	4910	9.1	100745.5	-5046.0	5000	10.0	101202.9	-5003.3
4731	10.6	95603.1	-5046.2	4821	10.0	100243.2	-5036.7	4911	9.8	100752.8	-5042.6	5001	9.2	101204.0	-5055.6
4732	10.0	95609.4	-5020.4	4822	10.0	100245.5	-5055.8	4912	9.0	100753.9	-5048.0	5002	9.1	101206.6	-5054.7
4733	9.5	95611.4	-5001.6	4823	10.0	100258.2	-5051.0	4913	10.0	100803.8	-5021.5	5003	10.0	101211.9	-5018.0
4734	9.6	95613.9	-5002.0	4824	8.7	100258.3	-5024.3	4914	10.0	100806.9	-5018.0	5004	10.0	101214.8	-5052.5
4735	10.0	95616.4	-5014.6	4825	10.0	100302.6	-5002.7	4915	9.5	100808.8	-5042.0	5005	10.0	101216.1	-5021.0
4736	9.8	95618.1	-5017.9	4826	10.0	100308.8	-5031.2	4916	9.4	100811.2	-5007.6	5006	10.0	101217.9	-5054.2
4737	10.6	95622.1	-5001.8	4827	10.0	100314.2	-5041.4	4917	10.0	100811.4	-5008.6	5007	10.0	101236.2	-5026.0
4738	9.9	95633.6	-5028.0	4828	10.0	100326.3	-5035.0	4918	9.9	100816.3	-5039.0	5008	10.0	101239.2	-5052.3
4739	10.8	95635.9	-5059.0	4829	10.0	100326.4	-5040.4	4919	8.8	100816.4	-5028.8	5009	10.0	101239.6	-5054.7
4740	8.9	95639.1	-5041.2	4830	9.9	100327.1	-5034.6	4920	10.0	100817.8	-5055.7	5010	10.0	101239.8	-5003.9
4741	9.8	95643.2	-5021.9	4831	9.2	100337.8	-5054.4	4921	10.0	100823.2	-5028.8	5011	10.0	101243.1	-5030.7
4742	10.0	95643.3	-5031.9	4832	10.0	100339.9	-5049.7	4922	9.3	100828.8	-5016.9	5012	10.0	101246.6	-5038.6
4743	10.0	95647.3	-5021.8	4833	10.0	100344.7	-5020.7	4923	8.6	100830.2	-5017.4	5013	9.2	101249.3	-5028.7
4744	9.9	95647.6	-5037.6	4834	9.6	100353.8	-5023.7	4924	5.8	100833.7	-5036.9	5014	10.0	101251.8	-5021.0
4745	10.0	95649.6	-5005.0	4835	9.6	100355.7	-5042.6	4925	10.0	100841.1	-5039.9	5015	9.0	101252.2	-5017.7
4746	10.0	95652.6	-5056.6	4836	8.9	100359.1	-5011.2	4926	10.0	100842.9	-5004.5	5016	10.0	101256.2	-5034.8
4747	10.0	95653.6	-5006.4	4837	9.8	100400.1	-5041.8	4927	10.0	100844.6	-5020.9	5017	10.0	101256.4	-5024.8
4748	10.5	95701.1	-5044.4	4838	10.0	100404.3	-5006.0	4928	10.0	100848.9	-5052.9	5018	10.0	101259.4	-5030.9
4749	10.0	95709.1	-5042.4	4839	10.0	100405.6	-5009.0	4929	10.0	100849.3	-5056.8	5019	10.0	101305.4	-5055.7
4750	8.5	95711.0	-5009.6	4840	10.0	100418.7	-5022.8	4930	10.0	100856.9	-5020.2	5020	10.0	101308.6	-5004.8
4751	9.8	95712.4	-5014.0	4841	10.0	100418.8	-5036.2	4931	10.0	100859.9	-5046.0	5021	10.0	101309.9	-5059.6
4752	9.7	95714.8	-5037.3	4842	10.0	100425.9	-5032.5	4932	10.0	100859.8	-5013.6	5022	10.0	101313.9	-5043.4
4753	9.5	95721.5	-5037.2	4843	9.2	100427.5	-5052.7	4933	10.0	100915.5	-5035.3	5023	10.0	101316.4	-5001.6
4754	10.0	95722.5	-5011.8	4844	9.7	100428.4	-5021.7	4934	10.0	100917.5	-5055.3	5024	8.2	101317.3	-5011.9
4755	9.9	95726.1	-5018.8	4845	10.0	100428.8	-5055.0	4935	10.0	100918.7	-5040.4	5025	10.0	101317.7	-5008.3
4756	10.0	95728.2	-5009.8	4846	10.0	100429.5	-5011.0	4936	10.0	100921.7	-5001.7	5026	10.0	101318.9	-5018.3
4757	10.0	95729.2	-5027.2	4847	8.5	100429.9	-5001.6	4937	10.0	100923.5	-5033.3	5027	10.0	101320.6	-5016.6
4758	9.8	95736.6	-5049.6	4848	10.0	100430.4	-5046.4	4938	9.2	100924.3	-5030.0	5028	10.0	101321.8	-5053.8
4759	10.0	95741.2	-5003.6	4849	10.0	100434.0	-5009.9	4939	10.0	100927.7	-5005.9	5029	10.0	101322.0	-5041.4
4760	10.0	95745.8	-5000.1	4850	9.2	100434.6	-5040.4	4940	10.0	100930.2	-5057.2	5030	10.0	101322.6	-5056.5
4761	10.0	95756.0	-5014.0	4851	10.0	100435.7	-5039.0	4941	10.0	100935.5	-5051.8	5031	9.9	101327.5	-5003.6
4762	10.0	95757.3	-5012.0	4852	10.0	100438.6	-5035.5	4942	9.8	100936.6	-5004.4	5032	10.0	101329.9	-5004.0
4763	9.9	95757.3	-5009.4	4853	10.0	100439.8	-5011.7	4943	10.0	100942.1	-5008.5	5033	10.0	101336.0	-5009.9
4764	10.0	95822.7	-5019.9	4854	10.0	100443.2	-5018.5	4944	10.0	100942.9	-5038.0	5034	10.0	101338.6	-5010.0
4765	10.0	95826.7	-5012.4	4855	9.9	100445.3	-5031.8	4945	10.0	100946.2	-5036.7	5035	10.0	101339.6	-5022.0
4766	10.0	95853.6	-5053.1	4856	9.8	100500.1	-5030.8	4946	10.0	100951.3	-5010.7	5036	10.0	101350.3	-5009.6
4767	8.7	95859.3	-5028.4	4857	10.0	100503.6	-5017.6	4947	10.0	100953.7	-5024.0	5037	10.0	101351.6	-5014.0
4768	10.0	95902.1	-5002.6	4858	10.0	100503.6	-5010.4	4948	10.0	100954.2	-5030.0	5038	9.4	101351.6	-5004.0
4769	10.0	95903.6	-5004.4	4859	10.0	100507.8	-5059.3	4949	10.0	100955.2	-5006.3	5039	10.0	101354.3	-5034.8
4770	10.0	95905.3	-5029.8	4860	9.8	100511.1	-5038.6	4950	10.0	100958.0	-5005.0	5040	10.0	101355.3	-5035.6

-50 5041 10h13m

-50 5400 10h40m

5041	10.0	101359.0	-5010.0	5131	10.0	102015.7	-5013.0	5221	10.0	102735.8	-5008.4	5311	10.0	103348.0	-5030.6
5042	10.0	101359.5	-5007.6	5132	10.0	102016.5	-5023.4	5222	9.7	102736.6	-5038.9	5312	9.0	103349.2	-5037.4
5043	10.0	101401.8	-5039.6	5133	9.9	102018.3	-5013.0	5223	10.0	102738.0	-5009.3	5313	10.0	103359.2	-5017.5
5044	10.0	101401.8	-5000.8	5134	9.6	102019.8	-5004.0	5224	9.7	102744.3	-5048.7	5314	10.0	103402.7	-5015.6
5045	10.0	101404.7	-5040.0	5135	10.0	102027.7	-5034.7	5225	10.0	102746.4	-5004.6	5315	10.0	103403.7	-5051.8
5046	7.2	101406.8	-5005.4	5136	10.0	102029.5	-5031.0	5226	10.0	102749.4	-5037.0	5316	10.0	103406.2	-5034.3
5047	10.0	101411.6	-5039.7	5137	10.0	102030.5	-5024.8	5227	10.0	102751.7	-5032.3	5317	10.0	103408.7	-5007.0
5048	10.0	101416.7	-5038.3	5138	10.0	102039.1	-5008.8	5228	10.0	102752.0	-5019.7	5318	9.0	103412.2	-5038.8
5049	10.0	101420.7	-5055.6	5139	10.0	102046.6	-5039.9	5229	9.9	102756.1	-5023.8	5319	9.9	103414.9	-5010.4
5050	10.0	101434.5	-5037.7	5140	10.0	102048.8	-5009.5	5230	8.3	102757.8	-5053.3	5320	10.0	103414.9	-5015.0
5051	9.8	101441.5	-5024.8	5141	10.0	102057.8	-5058.7	5231	10.0	102816.4	-5043.2	5321	9.5	103429.8	-5044.2
5052	10.0	101442.8	-5023.4	5142	10.0	102059.6	-5042.5	5232	10.0	102818.2	-5010.6	5322	9.2	103430.6	-5028.2
5053	10.0	101453.7	-5049.7	5143	10.0	102106.1	-5059.7	5233	10.0	102835.7	-5039.7	5323	10.0	103433.2	-5006.2
5054	10.0	101458.2	-5026.7	5144	9.8	102128.8	-5008.9	5234	9.4	102844.2	-5027.1	5324	10.0	103437.6	-5014.8
5055	7.2	101458.8	-5056.4	5145	10.0	102129.5	-5032.2	5235	8.7	102845.2	-5026.6	5325	9.3	103438.5	-5024.5
5056	10.0	101502.4	-5041.7	5146	10.0	102134.9	-5032.7	5236	9.9	102849.7	-5030.5	5326	9.5	103438.5	-5001.5
5057	10.0	101502.4	-5030 0	5147	10.0	102145.3	-5030.4	5237	9.9	102854.6	-5027.4	5327	10.0	103440.7	-5008.3
5058	10.0	101504.0	-5017.5	5148	8.5	102147.2	-5046.3	5238	10.0	102857.9	-5046.7	5328	10.0	103442.7	-5033.2
5059	9.4	101505.6	-5000.5	5149	9.5	102149.1	-5021.2	5239	10.0	102859.0	-5022.1	5329	10.0	103452.0	-5054.7
5060	10.0	101507.1	-5026.2	5150	10.0	102152.3	-5053.7	5240	10.0	102859.0	-5024.7	5330	9.9	103516.2	-5014.8
5061	10.0	101511.0	-5012.4	5151	10.0	102156.0	-5057.7	5241	10.0	102902.2	-5024.4	5331	10.0	103516.8	-5010.2
5062	9.1	101511.5	-5008.3	5152	10.0	102200.4	-5024.7	5242	10.0	102907.0	-5033.7	5332	8.8	103524.5	-5020.2
5063	10.0	101525.3	-5002.9	5153	10.0	102206.5	-5018.2	5243	10.0	102917.9	-5006.0	5333	10.0	103530.2	-5055.3
5064	10.0	101530.9	-5009.0	5154	10.0	102206.7	-5048.9	5244	10.0	102920.0	-5051.9	5334	9.8	103532.8	-5048.4
5065	7.7	101534.0	-5049.3	5155	9.9	102206.7	-5010.9	5245	10.0	102920.4	-5056.7	5335	10.0	103535.1	-5027.0
5066	9.4	101537.8	-5030.9	5156	8.4	102210.1	-5053.9	5246	10.0	102925.8	-5028.8	5336	9.9	103536.0	-5025.8
5067	9.9	101554.9	-5034.3	5157	9.0	102210.3	-5001.0	5247	10.0	102925.9	-5031.7	5337	10.0	103536.4	-5030.4
5068	10.0	101602.4	-5035.5	5158	10.0	102228.3	-5034.4	5248	10.0	102940.2	-5026.5	5338	10.0	103542.8	-5007.9
5069	8.8	101607.2	-5048.3	5159	10.0	102235.3	-5025.1	5249	10.0	102943.6	-5049.9	5339	10.0	103548.8	-5041.1
5070	10.0	101609.3	-5000.6	5160	10.0	102236.0	-5059.9	5250	10.0	102951.0	-5022.9	5340	10.0	103555.7	-5044.4
5071	9.6	101615.8	-5046.7	5161	10.0	102236.9	-5006.9	5251	10.0	102953.5	-5020.8	5341	9.6	103556.5	-5035.6
5072	10.0	101617.2	-5044.8	5162	8.3	102239.6	-5057.2	5252	10.0	102953.6	-5023.9	5342	10.0	103559.7	-5013.5
5073	9.7	101617.2	-5048.7	5163	9.7	102243.4	-5059.5	5253	10.0	102953.9	-5000.3	5343	10.0	103601.4	-5031.0
5074	9.9	101618.6	-5029.4	5164	9.7	102247.9	-5037.9	5254	9.7	102958.4	-5056.5	5344	9.9	103603.8	-5030.2
5075	10.0	101622.2	-5026.0	5165	10.0	102254.3	-5036.7	5255	9.9	103004.8	-5009.3	5345	10.0	103615.8	-5015.6
5076	10.0	101626.8	-5043.7	5166	10.0	102256.7	-5049.0	5256	10.0	103008.7	-5010.6	5346	10.0	103620.5	-5017.0
5077	10.0	101627.4	-5003.0	5167	10.0	102300.6	-5025.8	5257	10.0	103009.2	-5012.8	5347	10.0	103620.7	-5052.7
5078	9.0	101634.8	-5036.7	5168	10.0	102302.7	-5015.4	5258	10.0	103024.4	-5049.9	5348	9.9	103628.4	-5015.6
5079	10.0	101635.3	-5012.8	5169	10.0	102309.3	-5056.9	5259	10.0	103025.6	-5006.6	5349	10.0	103628.7	-5006.8
5080	10.0	101640.9	-5026.2	5170	10.0	102309.3	-5032.2	5260	10.0	103033.1	-5004.7	5350	9.0	103646.8	-5005.9
5081	8.7	101642.0	-5028.2	5171	10.0	102312.3	-5037.0	5261	10.0	103038.6	-5011.6	5351	9.7	103647.0	-5005.0
5082	9.6	101646.8	-5031.0	5172	10.0	102314.9	-5030.7	5262	10.0	103041.4	-5036.9	5352	10.0	103655.2	-5042.9
5083	10.0	101648.0	-5008.8	5173	10.0	102315.2	-5034.7	5263	9.9	103042.4	-5038.2	5353	9.3	103658.7	-5054.4
5084	10.0	101654.2	-5025.5	5174	10.0	102315.8	-5019.6	5264	8.0	103043.8	-5046.7	5354	9.6	103705.2	-5028.2
5085	9.8	101654.9	-5009.7	5175	10.0	102320.0	-5054.7	5265	10.0	103054.6	-5052.3	5355	10.0	103715.0	-5011.0
5086	10.0	101655.3	-5026.4	5176	8.6	102327.5	-5043.2	5266	10.0	103057.2	-5020.4	5356	10.0	103716.2	-5029.4
5087	10.0	101656.3	-5041.9	5177	8.1	102330.0	-5026.0	5267	10.0	103058.2	-5043.4	5357	10.0	103716.5	-5041.3
5088	9.4	101702.8	-5008.3	5178	10.0	102338.3	-5031.7	5268	10.0	103058.6	-5022.5	5358	10.0	103719.7	-5021.0
5089	10.0	101716.6	-5004.1	5179	10.0	102349.3	-5010.7	5269	10.0	103101.5	-5026.4	5359	10.0	103723.7	-5050.8
5090	10.0	101720.4	-5058.2	5180	10.0	102349.7	-5026.7	5270	10.0	103101.5	-5029.5	5360	9.2	103724.0	-5004.7
5091	9.2	101727.4	-5026.8	5181	10.0	102351.3	-5009.3	5271	10.0	103101.7	-5006.2	5361	10.0	103726.3	-5043.8
5092	9.9	101731.0	-5019.2	5182	10.0	102353.6	-5019.0	5272	10.0	103113.0	-5014.3	5362	10.0	103727.8	-5025.6
5093	9.4	101732.1	-5051.7	5183	10.0	102357.6	-5047.2	5273	9.9	103116.5	-5036.0	5363	10.0	103735.4	-5058.8
5094	9.7	101735.4	-5047.7	5184	9.9	102402.8	-5000.8	5274	9.9	103119.6	-5045.6	5364	9.9	103739.6	-5033.4
5095	9.8	101736.0	-5009.2	5185	10.0	102403.2	-5034.7	5275	10.0	103133.1	-5059.0	5365	10.0	103742.8	-5048.7
5096	10.0	101739.1	-5015.3	5186	10.0	102406.1	-5012.7	5276	10.0	103138.2	-5045.7	5366	10.0	103745.2	-5033.4
5097	8.2	101745.3	-5058.8	5187	10.0	102410.6	-5054.7	5277	9.2	103139.7	-5001.8	5367	9.5	103749.7	-5002.2
5098	10.0	101751.9	-5020.8	5188	10.0	102419.6	-5000.5	5278	10.0	103144.7	-5052.4	5368	9.4	103756.4	-5046.0
5099	10.0	101752.8	-5016.3	5189	10.0	102427.8	-5049.9	5279	10.0	103145.8	-5034.5	5369	10.0	103756.6	-5027.4
5100	10.0	101758.4	-5031.3	5190	9.4	102430.3	-5036.4	5280	10.0	103148.7	-5014.9	5370	10.0	103801.7	-5013.4
5101	9.9	101806.4	-5004.9	5191	9.8	102437.2	-5042.9	5281	7.8	103149.0	-5013.7	5371	10.0	103803.4	-5009.2
5102	10.0	101812.0	-5008.3	5192	10.0	102439.9	-5007.9	5282	10.0	103150.1	-5006.0	5372	9.9	103809.6	-5053.5
5103	10.0	101814.0	-5050.7	5193	10.0	102447.4	-5009.1	5283	9.2	103150.7	-5002.7	5373	9.9	103810.0	-5054.2
5104	9.9	101827.9	-5023.0	5194	10.0	102448.6	-5033.9	5284	10.0	103158.2	-5045.5	5374	10.0	103815.0	-5035.5
5105	10.0	101832.0	-5003.9	5195	10.0	102453.5	-5040.7	5285	10.0	103159.6	-5038.7	5375	9.4	103824.2	-5054.3
5106	10.0	101833.8	-5046.9	5196	10.0	102459.9	-5054.6	5286	10.0	103202.4	-5017.5	5376	9.7	103828.5	-5013.7
5107	10.0	101840.2	-5054.9	5197	10.0	102504.9	-5000.8	5287	10.0	103206.2	-5041.8	5377	10.0	103830.9	-5054.0
5108	9.8	101845.8	-5050.7	5198	10.0	102505.6	-5012.4	5288	10.0	103211.8	-5019.4	5378	10.0	103834.0	-5003.6
5109	10.0	101857.3	-5018.0	5199	10.0	102521.8	-5032.7	5289	10.0	103215.7	-5045.0	5379	10.0	103846.8	-5021.5
5110	10.0	101903.7	-5056.3	5200	9.5	102524.7	-5019.8	5290	9.8	103219.1	-5015.6	5380	10.0	103854.2	-5041.2
5111	10.0	101904.4	-5059.7	5201	10.0	102526.6	-5031.7	5291	10.0	103220.0	-5035.0	5381	10.0	103855.3	-5037.3
5112	10.0	101906.0	-5004.8	5202	9.7	102527.9	-5020.3	5292	10.0	103224.6	-5053.5	5382	10.0	103856.8	-5001.7
5113	10.0	101906.3	-5052.5	5203	10.0	102533.6	-5050.2	5293	10.0	103238.6	-5053.4	5383	10.0	103900.5	-5034.3
5114	9.4	101906.5	-5023.0	5204	9.2	102541.0	-5025.8	5294	9.8	103240.8	-5028.2	5384	10.0	103906.5	-5014.2
5115	10.0	101906.7	-5009.3	5205	10.0	102542.5	-5036.5	5295	10.0	103241.2	-5012.7	5385	10.0	103907.6	-5048.2
5116	9.8	101924.0	-5019.2	5206	10.0	102549.8	-5054.7	5296	9.8	103242.2	-5028.8	5386	10.0	103918.0	-5024.2
5117	10.0	101935.2	-5030.2	5207	10.0	102552.5	-5028.3	5297	10.0	103245.0	-5041.2	5387	9.9	103918.7	-5033.3
5118	10.0	101935.8	-5027.0	5208	9.5	102557.0	-5009.8	5298	10.0	103245.8	-5029.9	5388	9.8	103923.5	-5053.0
5119	10.0	101936.7	-5013.8	5209	10.0	102604.5	-5035.3	5299	10.0	103245.9	-5004.9	5389	10.0	103930.9	-5055.7
5120	10.0	101940.6	-5058.7	5210	9.6	102604.8	-5030.3	5300	9.3	103247.3	-5002.5	5390	8.1	103932.4	-5013.7
5121	10.0	101941.3	-5009.9	5211	9.9	102611.3	-5026.4	5301	10.0	103259.9	-5026.0	5391	10.0	103934.4	-5007.0
5122	10.0	101948.8	-5025.7	5212	10.0	102615.0	-5009.2	5302	10.0	103300.6	-5032.8	5392	9.5	103935.3	-5053.3
5123	10.0	101950.2	-5054.9	5213	10.0	102617.7	-5012.1	5303	9.9	103308.2	-5023.2	5393	10.0	103949.7	-5008.5
5124	10.0	101955.2	-5022.9	5214	8.4	102625.9	-5057.7	5304	10.0	103314.6	-5058.8	5394	9.6	104011.8	-5030.5
5125	10.0	102005.0	-5013.8	5215	10.0	102630.0	-5006.8	5305	10.0	103322.8	-5028.2	5395	10.0	104012.2	-5043.2
5126	10.0	102005.3	-5011.7	5216	10.0	102658.2	-5008.4	5306	8.6	103332.9	-5018.4	5396	10.0	104012.3	-5031.6
5127	10.0	102007.6	-5003.9	5217	9.7	102658.6	-5007.4	5307	10.0	103334.2	-5030.8	5397	9.8	104013.8	-5036.4
5128	10.0	102008.3	-5046.0	5218	10.0	102706.8	-5055.7	5308	10.0	103336.7	-5002.6	5398	8.3	104014.8	-5051.4
5129	9.6	102014.2	-5046.7	5219	10.0	102724.0	-5049.9	5309	10.0	103337.1	-5057.7	5399	10.0	104016.2	-5036.4
5130	10.0	102014.9	-5045.5	5220	10.0	102731.6	-5013.6	5310	10.0	103339.5	-5023.8	5400	8.6	104024.4	-5051.2

-50 5401 10h40m

-50 5760 11h04m

5401	10.0	104029.6	-5014.9	5491	9.7	104848.3	-5030.0	5581	10.0	105450.1	-5049.3
5402	10.0	104039.7	-5054.2	5492	10.0	104849.0	-5016.2	5582	10.0	105503.0	-5044.8
5403	10.0	104047.0	-5026.3	5493	9.4	104851.1	-5047.2	5583	10.0	105505.8	-5000.3
5404	10.0	104047.2	-5047.1	5494	9.6	104901.2	-5027.4	5584	9.5	105507.5	-5003.0
5405	9.4	104049.9	-5044.3	5495	9.6	104903.7	-5029.6	5585	9.3	105508.1	-5058.5
5406	10.0	104051.5	-5057.0	5496	9.7	104905.1	-5023.4	5586	9.3	105510.3	-5006.2
5407	10.0	104052.5	-5020.5	5497	10.0	104909.0	-5023.1	5587	10.0	105519.1	-5053.4
5408	8.6	104102.5	-5031.8	5498	9.9	104909.2	-5013.6	5588	10.0	105529.7	-5037.2
5409	9.6	104104.4	-5034.9	5499	10.0	104910.2	-5009.5	5589	10.0	105529.9	-5023.4
5410	9.4	104107.5	-5017.3	5500	9.8	104916.2	-5019.6	5590	10.0	105533.4	-5059.4
5411	10.0	104109.2	-5008.4	5501	10.0	104916.9	-5005.3	5591	10.0	105536.7	-5008.4
5412	8.0	104120.3	-5023.6	5502	10.0	104920.0	-5013.1	5592	10.0	105539.8	-5042.9
5413	10.0	104128.8	-5047.8	5503	9.2	104920.0	-5034.2	5593	9.7	105539.9	-5054.6
5414	10.0	104131.7	-5018.0	5504	9.9	104923.7	-5026.2	5594	10.0	105541.5	-5000.7
5415	10.0	104134.5	-5042.3	5505	10.0	104927.0	-5006.5	5595	10.0	105543.7	-5014.5
5416	10.0	104155.2	-5013.0	5506	10.0	104927.5	-5059.8	5596	10.0	105550.2	-5027.7
5417	10.0	104201.2	-5039.4	5507	10.0	104947.2	-5046.8	5597	9.7	105550.7	-5030.9
5418	10.0	104207.1	-5027.4	5508	9.9	104953.2	-5052.3	5598	10.0	105550.7	-5038.7
5419	10.0	104207.9	-5058.4	5509	9.6	104957.2	-5038.2	5599	10.0	105551.7	-5023.0
5420	10.0	104214.3	-5053.2	5510	10.0	104958.8	-5053.4	5600	10.0	105556.9	-5041.4
5421	10.0	104226.1	-5045.8	5511	9.8	105004.0	-5010.2	5601	10.0	105603.4	-5031.9
5422	9.6	104232.7	-5025.4	5512	9.7	105005.6	-5017.4	5602	10.0	105608.9	-5046.3
5423	9.8	104243.9	-5033.0	5513	9.9	105010.3	-5057.3	5603	9.8	105609.1	-5029.8
5424	10.0	104247.6	-5056.3	5514	10.0	105012.8	-5003.6	5604	10.0	105610.6	-5003.6
5425	9.4	104253.2	-5015.7	5515	10.0	105024.0	-5019.0	5605	10.0	105610.7	-5014.5
5426	9.5	104257.1	-5014.6	5516	10.0	105029.8	-5016.2	5606	10.0	105616.8	-5008.3
5427	9.9	104257.7	-5027.6	5517	9.7	105034.6	-5053.3	5607	9.7	105617.5	-5035.4
5428	10.0	104259.8	-5046.0	5518	10.0	105040.2	-5005.6	5608	10.0	105620.0	-5028.2
5429	10.0	104300.9	-5011.3	5519	9.1	105043.5	-5038.8	5609	10.0	105624.2	-5046.3
5430	10.0	104304.6	-5046.2	5520	9.9	105046.7	-5037.3	5610	9.9	105627.9	-5028.3
5431	10.0	104305.0	-5050.3	5521	9.1	105051.5	-5039.3	5611	10.0	105629.8	-5040.4
5432	10.0	104308.3	-5049.8	5522	10.0	105056.8	-5003.8	5612	10.0	105631.9	-5048.4
5433	9.7	104314.1	-5039.0	5523	10.0	105056.8	-5012.3	5613	10.0	105638.0	-5054.4
5434	9.8	104316.2	-5005.7	5524	10.0	105059.2	-5014.2	5614	10.0	105641.0	-5009.4
5435	10.0	104330.5	-5050.4	5525	9.6	105107.1	-5057.8	5615	10.0	105643.5	-5049.3
5436	9.1	104335.7	-5052.1	5526	10.0	105108.2	-5021.6	5616	10.0	105648.2	-5025.2
5437	9.8	104339.0	-5034.0	5527	10.0	105109.8	-5057.8	5617	10.0	105650.4	-5024.2
5438	10.0	104347.4	-5046.3	5528	10.0	105122.0	-5036.8	5618	10.0	105656.9	-5018.2
5439	10.0	104348.9	-5058.2	5529	9.6	105131.6	-5043.4	5619	8.3	105702.8	-5055.8
5440	9.5	104351.7	-5046.1	5530	10.0	105132.4	-5044.6	5620	9.9	105703.5	-5003.6
5441	10.0	104357.2	-5002.2	5531	10.0	105135.9	-5015.3	5621	9.7	105706.8	-5054.5
5442	9.8	104402.6	-5035.4	5532	9.9	105136.6	-5029.3	5622	10.0	105708.7	-5013.6
5443	9.6	104404.8	-5030.2	5533	9.7	105137.1	-5001.2	5623	10.0	105709.7	-5051.0
5444	9.5	104413.0	-5048.8	5534	6.4	105142.0	-5005.8	5624	10.0	105710.0	-5052.9
5445	8.5	104418.5	-5024.5	5535	10.0	105147.6	-5048.5	5625	10.0	105718.2	-5019.3
5446	9.7	104422.5	-5012.0	5536	10.0	105147.9	-5057.2	5626	9.8	105731.7	-5053.0
5447	10.0	104422.6	-5000.0	5537	10.0	105152.9	-5017.8	5627	10.0	105732.2	-5041.5
5448	10.0	104427.8	-5041.2	5538	9.6	105157.6	-5026.4	5628	7.7	105740.8	-5019.1
5449	9.8	104430.2	-5014.8	5539	10.0	105157.9	-5013.8	5629	9.8	105747.7	-5001.8
5450	9.6	104430.5	-5044.0	5540	10.0	105159.1	-5003.3	5630	10.0	105748.7	-5010.3
5451	9.9	104442.9	-5048.2	5541	9.2	105202.3	-5024.4	5631	10.0	105750.0	-5013.3
5452	10.0	104447.4	-5006.2	5542	10.0	105202.7	-5045.6	5632	10.0	105756.9	-5054.3
5453	10.0	104456.6	-5037.5	5543	9.9	105207.5	-5044.3	5633	10.0	105758.3	-5057.9
5454	10.0	104509.3	-5020.9	5544	10.0	105210.2	-5059.9	5634	10.0	105758.5	-5056.0
5455	9.8	104511.0	-5044.3	5545	9.4	105210.3	-5020.4	5635	10.0	105801.0	-5048.4
5456	9.7	104514.4	-5006.0	5546	10.0	105227.7	-5025.5	5636	10.0	105801.6	-5030.6
5457	10.0	104517.0	-5043.1	5547	9.5	105230.6	-5023.6	5637	10.0	105803.6	-5034.7
5458	10.0	104517.2	-5050.8	5548	9.8	105237.2	-5029.9	5638	10.0	105804.9	-5036.4
5459	10.0	104517.8	-5013.9	5549	9.3	105244.4	-5036.8	5639	10.0	105806.9	-5030.8
5460	10.0	104520.9	-5035.5	5550	9.8	105247.7	-5052.0	5640	9.5	105810.7	-5042.3
5461	9.9	104528.6	-5018.5	5551	9.6	105248.0	-5007.3	5641	7.1	105813.8	-5040.8
5462	10.0	104537.9	-5037.0	5552	10.0	105254.4	-5015.2	5642	10.0	105816.0	-5042.4
5463	8.2	104539.6	-5045.8	5553	10.0	105255.7	-5024.7	5643	9.7	105817.8	-5028.5
5464	10.0	104541.4	-5056.8	5554	9.9	105304.2	-5012.0	5644	9.4	105818.0	-5013.0
5465	9.9	104600.7	-5008.6	5555	9.8	105307.1	-5005.7	5645	7.6	105819.4	-5021.4
5466	10.0	104606.7	-5035.2	5556	10.0	105315.5	-5021.6	5646	9.6	105832.6	-5024.4
5467	9.1	104610.7	-5031.0	5557	9.9	105324.2	-5016.6	5647	10.0	105833.1	-5039.8
5468	10.0	104612.5	-5040.4	5558	10.0	105325.5	-5038.8	5648	10.0	105835.7	-5029.4
5469	10.0	104639.0	-5017.2	5559	10.0	105328.5	-5003.5	5649	10.0	105837.0	-5048.4
5470	10.0	104639.6	-5030.2	5560	10.0	105331.9	-5035.3	5650	10.0	105840.7	-5006.1
5471	10.0	104640.5	-5006.0	5561	10.0	105332.5	-5012.0	5651	9.9	105843.0	-5017.0
5472	9.9	104644.6	-5019.7	5562	10.0	105333.3	-5010.7	5652	10.0	105844.8	-5002.2
5473	10.0	104656.6	-5056.3	5563	9.8	105334.7	-5053.0	5653	10.0	105852.1	-5055.7
5474	10.0	104657.7	-5006.4	5564	10.0	105337.9	-5017.0	5654	9.9	105855.1	-5052.4
5475	9.5	104709.8	-5007.8	5565	10.0	105340.4	-5005.3	5655	8.9	105859.0	-5032.7
5476	9.9	104709.9	-5000.6	5566	10.0	105352.7	-5010.6	5656	9.9	105903.0	-5014.0
5477	9.9	104716.9	-5027.2	5567	9.8	105357.3	-5017.3	5657	10.0	105905.3	-5050.3
5478	10.0	104721.2	-5059.3	5568	10.0	105404.1	-5021.6	5658	9.7	105906.1	-5029.4
5479	10.0	104723.9	-5054.3	5569	10.0	105405.5	-5044.5	5659	9.6	105907.2	-5000.7
5480	9.9	104727.9	-5017.2	5570	9.6	105408.6	-5002.6	5660	9.9	105911.0	-5022.4
5481	10.0	104729.7	-5031.7	5571	10.0	105411.0	-5002.0	5661	9.9	105913.3	-5028.4
5482	9.7	104737.7	-5048.4	5572	10.0	105414.7	-5039.3	5662	9.9	105918.0	-5044.3
5483	9.8	104746.4	-5002.8	5573	9.8	105415.9	-5024.4	5663	10.0	105918.9	-5045.4
5484	10.0	104747.8	-5035.3	5574	10.0	105425.2	-5004.4	5664	10.0	105919.7	-5049.2
5485	9.9	104808.8	-5001.6	5575	9.6	105430.9	-5059.6	5665	10.0	105921.8	-5053.8
5486	10.0	104811.3	-5019.5	5576	10.0	105431.7	-5021.3	5666	9.7	105922.5	-5010.0
5487	7.5	104818.8	-5050.2	5577	9.6	105432.4	-5019.0	5667	10.0	105929.1	-5032.8
5488	8.6	104824.7	-5046.0	5578	10.0	105439.6	-5036.4	5668	10.0	105930.4	-5035.6
5489	10.0	104837.1	-5041.3	5579	10.0	105448.5	-5026.7	5669	10.0	105933.0	-5010.2
5490	9.7	104845.8	-5049.7	5580	10.0	105449.2	-5012.0	5670	10.0	105935.3	-5013.3
5671	10.0	105948.0	-5009.8								
5672	9.3	105948.8	-5035.6								
5673	10.0	105953.7	-5042.5								
5674	9.7	105959.9	-5001.1								
5675	9.9	110001.4	-5051.5								
5676	10.0	110002.9	-5029.9								
5677	10.0	110006.4	-5040.3								
5678	10.0	110008.6	-5054.9								
5679	10.0	110008.7	-5014.7								
5680	10.0	110016.2	-5011.8								
5681	10.0	110019.9	-5044.7								
5682	9.7	110022.5	-5044.4								
5683	9.9	110026.2	-5057.4								
5684	10.0	110028.2	-5027.0								
5685	9.9	110031.0	-5023.8								
5686	6.6	110032.1	-5032.2								
5687	10.0	110033.4	-5002.2								
5688	10.0	110036.6	-5022.1								
5689	10.0	110036.6	-5024.3								
5690	10.0	110039.6	-5043.3								
5691	8.3	110045.3	-5056.0								
5692	10.0	110048.4	-5034.0								
5693	6.5	110054.0	-5016.7								
5694	10.0	110054.1	-5057.2								
5695	10.0	110054.2	-5038.0								
5696	9.9	110056.0	-5011.3								
5697	10.0	110056.7	-5045.0								
5698	10.0	110105.3	-5029.4								
5699	10.0	110109.0	-5045.7								
5700	10.0	110111.1	-5059.7								
5701	10.0	110113.4	-5017.4								
5702	10.0	110115.4	-5037.4								
5703	10.0	110117.6	-5046.0								
5704	9.9	110122.0	-5013.6								
5705	10.0	110127.9	-5012.3								
5706	10.0	110129.3	-5059.4								
5707	10.0	110130.7	-5021.0								
5708	10.0	110130.9	-5007.5								
5709	10.0	110132.6	-5051.3								
5710	10.0	110134.6	-5050.0								
5711	10.0	110136.6	-5026.1								
5712	10.0	110136.6	-5021.6								
5713	10.0	110138.9	-5033.8								
5714	10.0	110139.6	-5003.6								
5715	10.0	110147.2	-5059.4								
5716	9.9	110149.6	-5000.4								
5717	10.0	110155.8	-5044.1								
5718	10.0	110159.8	-5026.7								
5719	10.0	110202.3	-5021.7								
5720	10.0	110207.9	-5053.2								
5721	10.0	110215.9	-5047.8								
5722	10.0	110216.8	-5025.6								
5723	10.0	110221.1	-5030.7								
5724	9.8	110222.0	-5026.6								
5725	9.9	110222.4	-5032.0								
5726	10.0	110223.9	-5007.8								
5727	10.0	110224.6	-5059.3								
5728	9.9	110228.6	-5051.3								
5729	10.0	110229.0	-5019.9								
5730	10.0	110233.9	-5026.4								
5731	10.0	110250.0	-5015.0								
5732	10.0	110252.1	-5026.2								
5733	9.4	110252.4	-5028.6								
5734	10.0	110254.5	-5050.3								
5735	10.0	110300.0	-5056.3								
5736	10.0	110301.5	-5010.6								
5737	10.0	110301.6	-5054.7								
5738	10.0	110308.2	-5016.6								
5739	9.9	110309.7	-5008.2								
5740	10.0	110321.1	-5023.8								
5741	10.0	110328.8	-5029.4								
5742	9.9	110329.9	-5033.2								
5743	9.4	110344.4	-5056.7								
5744	10.0	110352.6	-5039.0								
5745	10.0	110354.5	-5029.8								
5746	9.9	110358.4	-5018.0								
5747	9.9	110359.7	-5044.7								
5748	10.0	110403.0	-5004.4								
5749	10.0	110406.6	-5054.4								
5750	10.0	110406.2	-5005.0								
5751	10.0	110407.2	-5048.4								
5752	10.0	110409.5	-5032.9								
5753	9.9	110424.2	-5054.7								
5754	10.0	110424.8	-5046.3								
5755	10.0	110427.0	-5032.4								
5756	10.0	110428.0	-5042.8								
5757	10.0	110429.3	-5030.5								
5758	9.9	110433.4	-5001.5								
5759	9.0	110438.0	-5038.3								
5760	10.0	110441.2	-5047.2								

-50 5761 11h04m

-50 6120 11h27m

5761	10.0	110444.4	-5045.2	5851	7.9	111108.0	-5014.8	5941	9.8	111619.5	-5046.7	6031	9.6	112208.4	-5054.7
5762	10.0	110444.4	-5020.2	5852	10.0	111109.2	-5007.3	5942	10.0	111623.3	-5024.4	6032	8.4	112210.0	-5010.0
5763	10.0	110447.1	-5002.3	5853	9.5	111109.6	-5004.0	5943	9.3	111626.6	-5034.8	6033	10.0	112210.6	-5031.3
5764	10.0	110452.2	-5025.8	5854	9.8	111111.4	-5003.2	5944	10.0	111628.5	-5023.3	6034	10.0	112218.4	-5025.2
5765	10.0	110453.2	-5019.2	5855	9.2	111116.4	-5025.2	5945	10.0	111637.8	-5014.3	6035	9.7	112221.8	-5059.3
5766	10.0	110459.3	-5056.0	5856	10.0	111118.8	-5049.4	5946	10.0	111639.0	-5019.2	6036	9.9	112228.3	-5038.7
5767	9.3	110514.2	-5026.5	5857	10.0	111129.0	-5048.8	5947	10.0	111645.2	-5047.8	6037	9.6	112232.0	-5056.7
5768	10.0	110520.8	-5015.3	5858	10.0	111132.9	-5005.0	5948	9.9	111651.0	-5053.2	6038	9.6	112233.0	-5055.0
5769	10.0	110522.0	-5025.0	5859	8.6	111133.4	-5043.3	5949	10.0	111652.3	-5052.4	6039	9.9	112236.0	-5020.9
5770	10.0	110523.0	-5007.4	5860	10.0	111136.6	-5047.3	5950	10.0	111658.1	-5006.4	6040	10.0	112240.3	-5045.8
5771	10.0	110526.3	-5033.4	5861	10.0	111136.9	-5025.4	5951	10.0	111659.8	-5051.0	6041	9.8	112244.6	-5006.6
5772	10.0	110528.2	-5056.0	5862	10.0	111137.9	-5030.0	5952	10.0	111700.4	-5027.1	6042	9.9	112248.7	-5018.2
5773	10.0	110529.0	-5029.4	5863	10.0	111139.4	-5035.9	5953	7.0	111706.8	-5006.1	6043	9.9	112248.8	-5025.0
5774	9.4	110530.4	-5045.7	5864	10.0	111141.3	-5041.4	5954	9.9	111711.6	-5010.4	6044	10.0	112250.4	-5035.8
5775	10.0	110530.9	-5033.8	5865	10.0	111147.8	-5053.4	5955	10.0	111712.0	-5019.8	6045	10.0	112251.4	-5052.3
5776	10.0	110539.2	-5026.3	5866	10.0	111149.3	-5031.9	5956	10.0	111712.1	-5042.4	6046	10.0	112253.6	-5038.0
5777	10.0	110552.8	-5042.7	5867	9.8	111152.8	-5035.4	5957	9.8	111715.6	-5013.8	6047	9.8	112254.5	-5024.6
5778	9.9	110605.7	-5043.7	5868	9.9	111159.4	-5004.1	5958	10.0	111717.6	-5004.2	6048	9.5	112258.3	-5057.4
5779	10.0	110608.9	-5007.7	5869	10.0	111205.9	-5003.0	5959	9.3	111721.4	-5031.0	6049	10.0	112303.0	-5034.2
5780	10.0	110610.8	-5057.4	5870	9.9	111207.3	-5024.5	5960	10.0	111723.0	-5059.9	6050	9.9	112316.0	-5022.2
5781	10.0	110613.4	-5041.6	5871	10.0	111210.8	-5046.9	5961	9.7	111723.8	-5051.4	6051	9.7	112319.7	-5039.4
5782	10.0	110617.3	-5022.3	5872	10.0	111216.0	-5057.0	5962	9.9	111726.1	-5003.1	6052	8.6	112327.0	-5037.9
5783	10.0	110618.6	-5024.6	5873	9.4	111216.4	-5012.6	5963	10.0	111727.0	-5031.6	6053	10.0	112330.8	-5041.6
5784	9.4	110622.3	-5045.4	5874	10.0	111218.4	-5024.0	5964	10.0	111727.6	-5009.2	6054	10.0	112332.6	-5044.7
5785	10.0	110641.5	-5031.2	5875	9.9	111221.7	-5058.3	5965	10.0	111732.4	-5039.4	6055	9.6	112332.8	-5005.6
5786	8.1	110642.0	-5051.4	5876	9.7	111223.6	-5002.5	5966	10.0	111744.6	-5030.4	6056	10.0	112344.4	-5056.3
5787	10.0	110702.7	-5011.0	5877	9.9	111226.8	-5047.2	5967	10.0	111746.5	-5056.0	6057	10.0	112349.7	-5054.4
5788	10.0	110708.0	-5053.9	5878	9.9	111231.9	-5026.7	5968	10.0	111747.9	-5044.8	6058	9.9	112351.5	-5019.6
5789	9.8	110711.8	-5028.3	5879	9.9	111239.8	-5006.5	5969	10.0	111749.7	-5051.9	6059	10.0	112352.6	-5052.8
5790	10.0	110713.8	-5042.4	5880	10.0	111246.4	-5055.0	5970	10.0	111750.4	-5059.0	6060	7.6	112358.4	-5058.7
5791	10.0	110714.0	-5033.8	5881	10.0	111250.9	-5007.2	5971	10.0	111756.2	-5057.6	6061	10.0	112359.4	-5026.8
5792	10.0	110717.6	-5014.9	5882	10.0	111251.6	-5038.3	5972	10.0	111757.0	-5038.8	6062	9.4	112405.6	-5038.0
5793	9.8	110718.4	-5008.3	5883	9.4	111256.8	-5029.7	5973	10.0	111757.9	-5004.2	6063	10.0	112409.6	-5055.7
5794	10.0	110723.6	-5057.7	5884	10.0	111257.0	-5007.6	5974	9.4	111759.6	-5037.4	6064	9.7	112410.0	-5023.1
5795	10.0	110731.7	-5023.8	5885	10.0	111257.7	-5044.9	5975	10.0	111801.2	-5045.3	6065	9.9	112414.8	-5027.6
5796	10.0	110731.8	-5019.4	5886	10.0	111304.2	-5003.9	5976	10.0	111802.9	-5046.4	6066	10.0	112415.1	-5031.0
5797	10.0	110732.2	-5023.3	5887	9.1	111308.2	-5023.2	5977	10.0	111817.1	-5003.7	6067	10.0	112421.0	-5004.6
5798	9.7	110737.8	-5034.7	5888	10.0	111308.6	-5051.3	5978	9.7	111819.7	-5039.4	6068	9.9	112422.3	-5045.7
5799	10.0	110740.7	-5014.2	5889	9.8	111308.8	-5000.7	5979	10.0	111822.2	-5024.2	6069	9.8	112422.6	-5036.2
5800	10.0	110744.2	-5002.0	5890	10.0	111310.0	-5009.5	5980	9.2	111824.9	-5029.6	6070	9.9	112433.3	-5029.0
5801	10.0	110758.2	-5038.7	5891	10.0	111317.4	-5014.8	5981	10.0	111825.6	-5040.4	6071	9.9	112440.1	-5034.4
5802	10.0	110759.0	-5007.5	5892	9.4	111320.0	-5003.4	5982	10.5	111826.8	-5033.1	6072	10.0	112444.2	-5045.3
5803	10.0	110803.8	-5053.3	5893	10.0	111322.4	-5001.4	5983	10.0	111829.3	-5011.2	6073	10.0	112446.6	-5015.4
5804	10.0	110805.2	-5012.0	5894	10.0	111337.5	-5034.9	5984	10.0	111832.5	-5032.3	6074	9.8	112447.7	-5020.9
5805	10.0	110806.1	-5025.5	5895	10.0	111339.0	-5008.5	5985	9.7	111835.3	-5004.2	6075	9.8	112455.8	-5021.9
5806	10.0	110810.0	-5035.4	5896	10.0	111343.2	-5036.9	5986	9.8	111839.0	-5013.0	6076	8.1	112457.9	-5015.1
5807	9.8	110817.2	-5054.3	5897	10.0	111346.8	-5056.4	5987	10.0	111842.6	-5019.2	6077	10.0	112502.6	-5012.4
5808	8.7	110822.9	-5037.4	5898	10.0	111348.0	-5013.4	5988	9.4	111844.3	-5033.9	6078	9.8	112508.8	-5034.7
5809	10.0	110834.7	-5005.8	5899	10.0	111348.3	-5058.3	5989	9.8	111852.0	-5022.0	6079	10.0	112508.8	-5006.4
5810	10.0	110841.4	-5029.8	5900	10.0	111350.5	-5011.0	5990	10.0	111855.6	-5044.2	6080	10.0	112513.9	-5050.4
5811	10.0	110844.1	-5050.7	5901	10.0	111352.6	-5048.0	5991	9.9	111859.5	-5020.0	6081	9.8	112517.6	-5051.0
5812	9.9	110844.9	-5008.4	5902	9.9	111359.0	-5043.4	5992	10.0	111901.3	-5000.4	6082	10.0	112518.5	-5045.1
5813	10.0	110847.4	-5034.3	5903	9.1	111408.5	-5010.8	5993	9.9	111904.6	-5055.7	6083	10.0	112522.2	-5021.9
5814	10.0	110848.6	-5044.9	5904	9.0	111411.7	-5008.5	5994	10.0	111906.5	-5032.7	6084	10.0	112522.8	-5033.1
5815	10.0	110849.0	-5045.9	5905	10.0	111411.9	-5027.8	5995	10.0	111923.1	-5041.9	6085	10.0	112525.2	-5017.7
5816	9.9	110852.5	-5051.7	5906	10.0	111418.5	-5030.3	5996	10.0	111927.2	-5049.2	6086	9.6	112532.9	-5009.9
5817	9.2	110854.8	-5023.8	5907	9.4	111419.0	-5049.2	5997	9.5	111935.7	-5055.7	6087	9.8	112535.8	-5024.6
5818	9.6	110900.8	-5001.8	5908	10.0	111429.8	-5034.3	5998	10.0	111937.8	-5058.3	6088	10.0	112541.3	-5018.1
5819	9.9	110906.5	-5002.3	5909	10.0	111432.8	-5034.4	5999	9.8	111942.0	-5011.5	6089	10.0	112546.1	-5044.7
5820	10.0	110907.1	-5035.6	5910	10.0	111438.0	-5039.4	6000	9.9	111942.4	-5059.4	6090	8.8	112549.6	-5058.1
5821	9.9	110909.5	-5057.7	5911	10.0	111441.4	-5046.0	6001	10.0	111948.6	-5014.0	6091	10.0	112554.0	-5051.3
5822	10.0	110909.6	-5022.7	5912	9.8	111450.5	-5051.8	6002	9.8	111950.8	-5042.4	6092	10.0	112554.2	-5004.9
5823	9.4	110913.2	-5008.0	5913	10.0	111502.3	-5026.3	6003	10.0	112006.2	-5052.9	6093	10.0	112556.9	-5054.3
5824	9.6	110916.0	-5030.4	5914	10.0	111505.4	-5003.4	6004	9.2	112021.4	-5040.3	6094	10.0	112559.9	-5019.6
5825	10.0	110920.0	-5057.6	5915	10.0	111505.7	-5006.6	6005	10.0	112022.8	-5050.8	6095	10.0	112600.0	-5004.6
5826	10.0	110923.1	-5032.6	5916	9.8	111506.5	-5040.7	6006	10.0	112023.5	-5046.2	6096	9.8	112602.8	-5002.0
5827	10.0	110925.0	-5013.6	5917	10.0	111506.9	-5028.2	6007	10.0	112026.2	-5055.4	6097	10.0	112605.8	-5031.0
5828	8.5	110928.8	-5039.5	5918	10.0	111510.7	-5004.8	6008	9.2	112031.0	-5057.3	6098	9.9	112608.8	-5000.6
5829	9.9	110932.1	-5006.0	5919	9.8	111520.4	-5021.0	6009	10.0	112034.3	-5000.5	6099	10.0	112609.6	-5008.4
5830	10.0	110933.7	-5056.2	5920	10.0	111529.6	-5008.0	6010	10.0	112042.4	-5021.3	6100	10.0	112609.7	-5003.9
5831	10.0	110936.2	-5054.3	5921	10.0	111531.0	-5035.8	6011	8.8	112047.7	-5028.4	6101	10.0	112610.0	-5014.2
5832	9.7	110943.9	-5036.7	5922	10.0	111531.0	-5022.8	6012	9.3	112056.8	-5001.3	6102	10.0	112612.1	-5057.3
5833	9.7	110952.0	-5052.6	5923	10.0	111533.8	-5023.4	6013	9.0	112059.0	-5001.8	6103	9.1	112625.8	-5014.4
5834	10.0	110955.0	-5042.4	5924	9.3	111534.9	-5030.0	6014	10.0	112059.9	-5037.0	6104	9.7	112628.6	-5002.0
5835	10.0	110955.7	-5000.6	5925	10.0	111538.4	-5027.3	6015	10.0	112101.5	-5013.0	6105	10.0	112636.1	-5038.3
5836	10.0	110956.4	-5005.6	5926	9.8	111541.4	-5043.4	6016	9.9	112102.0	-5020.9	6106	10.0	112636.3	-5042.8
5837	10.0	111007.3	-5049.5	5927	9.8	111542.6	-5030.4	6017	10.0	112110.3	-5005.4	6107	10.8	112636.6	-5046.1
5838	10.0	111013.8	-5017.6	5928	10.0	111543.6	-5055.8	6018	10.0	112110.4	-5043.3	6108	10.0	112639.6	-5050.2
5839	10.0	111023.6	-5047.3	5929	10.0	111545.9	-5035.9	6019	9.8	112112.1	-5025.2	6109	9.9	112639.9	-5022.0
5840	10.0	111026.9	-5000.1	5930	9.8	111551.6	-5047.3	6020	9.5	112112.6	-5038.2	6110	9.5	112640.8	-5046.4
5841	9.8	111031.9	-5051.6	5931	10.0	111553.5	-5052.1	6021	10.0	112116.6	-5010.4	6111	10.0	112641.8	-5000.8
5842	10.0	111035.1	-5053.4	5932	10.0	111554.5	-5012.8	6022	10.0	112125.1	-5051.3	6112	10.0	112645.6	-5025.4
5843	10.0	111036.6	-5030.2	5933	10.0	111557.9	-5049.0	6023	9.1	112130.1	-5025.3	6113	8.5	112655.4	-5015.1
5844	10.0	111049.0	-5049.7	5934	10.0	111601.8	-5018.6	6024	9.9	112130.6	-5029.0	6114	9.8	112701.6	-5025.4
5845	9.9	111049.4	-5036.8	5935	10.0	111607.0	-5034.8	6025	10.0	112132.5	-5055.9	6115	10.0	112702.3	-5026.2
5846	10.0	111051.1	-5053.4	5936	10.0	111610.0	-5010.3	6026	10.0	112144.8	-5027.8	6116	10.0	112703.8	-5036.0
5847	10.0	111053.4	-5022.7	5937	10.0	111612.4	-5014.0	6027	10.0	112148.5	-5014.8	6117	10.0	112705.5	-5053.0
5848	10.0	111101.2	-5030.6	5938	10.0	111612.6	-5016.4	6028	9.4	112149.3	-5008.6	6118	9.5	112706.9	-5003.3
5849	9.8	111102.7	-5055.1	5939	9.9	111619.0	-5004.8	6029	10.0	112159.2	-5014.4	6119	9.7	112717.9	-5015.7
5850	9.8	111103.6	-5026.2	5940	10.0	111619.0	-5010.0	6030	9.3	112207.1	-5055.8	6120	10.0	112718.3	-5050.8

-50 6121 11h27m

-50 6480 11h49m

6121	8.3	112721.5	-5040.3	6211	10.0	113308.7	-5035.4	6301	9.9	113809.0	-5024.8	6391	10.0	114340.8	-5022.8
6122	8.2	112721.4	-5013.4	6212	10.0	113310.0	-5052.8	6302	10.0	113812.3	-5040.6	6392	10.0	114345.0	-5058.3
6123	10.0	112725.9	-5007.0	6213	10.0	113310.6	-5017.5	6303	9.8	113812.8	-5042.2	6393	10.0	114351.3	-5034.1
6124	10.0	112733.1	-5054.3	6214	9.8	113315.7	-5054.9	6304	9.9	113813.1	-5037.6	6394	9.0	114404.2	-5046.8
6125	9.9	112735.7	-5029.1	6215	9.4	113316.0	-5019.0	6305	10.0	113814.5	-5011.0	6395	10.0	114410.5	-5009.3
6126	9.7	112738.3	-5009.4	6216	10.0	113320.1	-5004.3	6306	9.7	113816.7	-5046.6	6396	10.0	114414.6	-5034.2
6127	10.0	112750.9	-5013.0	6217	7.6	113320.3	-5043.9	6307	9.8	113817.2	-5041.4	6397	9.0	114418.5	-5015.0
6128	10.0	112759.5	-5018.9	6218	10.0	113321.0	-5021.3	6308	10.0	113818.0	-5011.4	6398	11.0	114420.4	-5014.3
6129	10.0	112759.9	-5003.2	6219	9.8	113328.6	-5049.2	6309	10.0	113818.0	-5037.6	6399	9.1	114423.0	-5015.9
6130	10.0	112802.6	-5025.4	6220	8.5	113332.3	-5059.7	6310	10.0	113822.9	-5015.8	6400	10.0	114426.9	-5019.3
6131	10.0	112808.8	-5024.9	6221	10.5	113338.1	-5042.7	6311	10.0	113823.0	-5005.2	6401	10.0	114428.9	-5039.4
6132	9.9	112812.5	-5037.0	6222	10.0	113339.8	-5051.2	6312	8.7	113824.6	-5003.8	6402	10.0	114430.5	-5055.7
6133	10.0	112812.5	-5042.7	6223	10.0	113357.5	-5028.3	6313	9.9	113829.0	-5010.0	6403	10.0	114436.6	-5036.5
6134	10.0	112813.0	-5039.9	6224	10.0	113359.1	-5001.6	6314	9.9	113831.0	-5054.0	6404	10.0	114441.1	-5037.4
6135	9.6	112813.6	-5031.4	6225	10.0	113411.5	-5014.8	6315	8.9	113833.6	-5003.8	6405	10.0	114444.7	-5006.6
6136	10.0	112822.3	-5059.3	6226	9.9	113413.2	-5013.6	6316	10.0	113836.0	-5041.9	6406	9.4	114452.5	-5026.7
6137	9.9	112823.0	-5055.4	6227	9.0	113421.8	-5048.7	6317	9.7	113840.6	-5024.5	6407	9.8	114501.6	-5047.8
6138	9.7	112831.0	-5043.0	6228	10.0	113422.8	-5009.3	6318	7.6	113850.3	-5052.6	6408	9.9	114513.5	-5009.1
6139	10.0	112832.0	-5018.2	6229	9.9	113424.4	-5035.0	6319	10.0	113853.8	-5015.6	6409	10.0	114518.0	-5053.1
6140	10.0	112832.1	-5002.1	6230	8.9	113424.6	-5050.0	6320	10.0	113854.0	-5039.3	6410	10.0	114521.3	-5010.0
6141	10.0	112837.7	-5019.9	6231	10.0	113428.4	-5028.2	6321	10.0	113856.7	-5036.4	6411	8.9	114521.4	-5059.6
6142	9.6	112840.6	-5043.8	6232	10.0	113428.7	-5030.0	6322	10.0	113904.7	-5002.0	6412	9.6	114521.9	-5001.8
6143	10.0	112846.4	-5036.3	6233	9.5	113428.8	-5017.3	6323	10.0	113907.8	-5029.9	6413	10.0	114522.9	-5000.6
6144	9.9	112857.9	-5024.0	6234	10.0	113432.7	-5030.2	6324	10.0	113916.4	-5002.0	6414	9.8	114523.0	-5012.6
6145	10.0	112858.3	-5023.0	6235	10.0	113433.0	-5028.0	6325	10.0	113916.7	-5023.4	6415	8.5	114531.3	-5047.5
6146	9.8	112859.8	-5014.3	6236	10.0	113441.8	-5046.2	6326	9.8	113920.7	-5030.8	6416	9.9	114533.6	-5016.3
6147	10.0	112904.7	-5029.4	6237	10.0	113443.8	-5032.3	6327	10.0	113923.3	-5053.6	6417	9.9	114533.8	-5028.9
6148	10.0	112905.0	-5016.4	6238	9.8	113456.9	-5002.0	6328	10.0	113927.8	-5028.8	6418	10.0	114534.3	-5033.0
6149	10.0	112908.7	-5036.8	6239	10.0	113500.6	-5010.7	6329	10.0	113934.1	-5013.9	6419	9.5	114543.4	-5036.0
6150	9.6	112919.8	-5003.2	6240	10.0	113502.0	-5044.3	6330	10.0	113936.7	-5002.6	6420	10.0	114543.8	-5039.5
6151	10.0	112921.6	-5050.3	6241	10.0	113504.4	-5017.2	6331	10.0	113937.3	-5031.0	6421	10.0	114546.8	-5042.7
6152	10.0	112923.7	-5015.6	6242	10.0	113517.7	-5009.8	6332	10.0	113943.0	-5059.2	6422	10.0	114551.6	-5054.5
6153	10.0	112923.7	-5042.8	6243	9.9	113518.3	-5005.0	6333	10.0	113948.6	-5039.2	6423	10.0	114553.8	-5031.3
6154	7.8	112928.1	-5036.4	6244	10.0	113520.8	-5009.2	6334	9.9	113950.5	-5038.4	6424	10.0	114554.6	-5000.3
6155	10.0	112933.3	-5025.9	6245	10.0	113522.2	-5021.0	6335	10.0	113952.6	-5051.0	6425	9.4	114556.9	-5059.5
6156	9.8	112934.6	-5050.4	6246	9.9	113527.6	-5046.4	6336	10.0	113953.0	-5057.0	6426	10.0	114557.3	-5014.0
6157	9.8	112938.5	-5043.0	6247	10.0	113527.8	-5011.0	6337	10.0	113953.6	-5015.4	6427	9.1	114603.8	-5019.9
6158	8.2	112938.7	-5002.0	6248	10.0	113530.1	-5051.3	6338	10.0	113957.5	-5033.3	6428	7.1	114603.8	-5037.2
6159	9.5	112945.5	-5034.4	6249	10.0	113533.4	-5058.0	6339	10.0	114000.0	-5020.6	6429	9.9	114607.6	-5013.7
6160	9.8	112945.6	-5035.8	6250	10.0	113533.8	-5031.3	6340	10.0	114003.3	-5020.0	6430	10.0	114608.6	-5013.3
6161	9.6	112946.6	-5027.5	6251	10.0	113535.8	-5024.2	6341	10.0	114004.5	-5019.2	6431	10.0	114611.6	-5041.7
6162	10.0	112948.8	-5054.0	6252	9.5	113536.3	-5005.2	6342	9.7	114014.8	-5009.0	6432	9.9	114613.6	-5050.1
6163	10.0	112950.4	-5011.9	6253	10.0	113537.6	-5022.9	6343	9.2	114015.7	-5051.4	6433	10.0	114616.1	-5058.2
6164	10.0	112955.0	-5034.7	6254	10.0	113539.6	-5031.6	6344	10.0	114017.0	-5031.3	6434	11.0	114623.9	-5043.9
6165	9.6	112959.6	-5025.5	6255	10.0	113544.6	-5050.8	6345	10.0	114017.2	-5024.2	6435	11.0	114628.6	-5032.1
6166	7.9	112959.6	-5003.2	6256	9.9	113550.5	-5032.2	6346	10.0	114022.4	-5054.0	6436	10.0	114631.0	-5047.2
6167	9.8	113009.7	-5031.4	6257	9.9	113553.9	-5040.6	6347	9.9	114029.6	-5008.3	6437	9.3	114639.5	-5023.7
6168	10.0	113012.6	-5030.9	6258	10.0	113557.9	-5057.3	6348	10.0	114044.7	-5016.5	6438	9.4	114643.8	-5005.8
6169	10.0	113029.9	-5011.2	6259	10.0	113601.3	-5052.9	6349	10.0	114055.0	-5004.2	6439	9.8	114645.6	-5033.8
6170	9.4	113030.3	-5014.6	6260	10.0	113602.7	-5011.2	6350	10.0	114056.4	-5050.3	6440	10.0	114646.8	-5039.8
6171	10.0	113035.0	-5041.3	6261	10.0	113605.7	-5027.5	6351	10.0	114057.1	-5026.2	6441	10.0	114648.5	-5012.0
6172	10.0	113038.6	-5024.7	6262	10.0	113606.2	-5016.4	6352	10.0	114103.7	-5056.6	6442	9.7	114655.9	-5010.0
6173	10.0	113042.1	-5059.6	6263	10.0	113606.4	-5044.2	6353	9.8	114105.5	-5057.8	6443	10.0	114659.8	-5028.6
6174	9.9	113046.6	-5050.5	6264	10.0	113607.2	-5020.3	6354	10.0	114106.0	-5034.4	6444	9.7	114659.8	-5027.3
6175	10.0	113050.6	-5014.6	6265	10.0	113614.9	-5052.3	6355	8.3	114119.7	-5044.2	6445	10.0	114705.3	-5058.5
6176	10.0	113054.8	-5026.9	6266	10.0	113615.3	-5035.3	6356	10.0	114123.5	-5017.6	6446	8.4	114712.3	-5000.2
6177	9.0	113057.1	-5034.2	6267	10.0	113617.0	-5033.8	6357	10.0	114132.5	-5006.1	6447	9.4	114717.0	-5034.1
6178	9.2	113059.2	-5014.0	6268	10.0	113617.2	-5012.2	6358	10.0	114135.4	-5018.2	6448	10.0	114719.6	-5007.8
6179	9.8	113103.9	-5041.3	6269	10.0	113624.6	-5014.2	6359	10.0	114138.6	-5030.8	6449	10.0	114719.7	-5042.1
6180	10.0	113111.2	-5051.3	6270	10.0	113627.2	-5036.4	6360	10.0	114138.9	-5014.6	6450	10.0	114726.8	-5051.4
6181	11.0	113113.1	-5017.9	6271	10.0	113628.8	-5019.0	6361	10.0	114140.8	-5011.2	6451	10.0	114732.7	-5029.3
6182	9.5	113115.1	-5041.2	6272	9.2	113629.7	-5054.4	6362	10.0	114141.5	-5050.2	6452	9.8	114741.8	-5004.2
6183	10.0	113119.6	-5007.0	6273	10.0	113630.9	-5034.0	6363	10.5	114144.6	-5038.1	6453	10.0	114742.0	-5022.2
6184	10.0	113122.0	-5009.0	6274	9.4	113631.0	-5004.0	6364	10.0	114157.3	-5041.4	6454	9.6	114743.4	-5001.8
6185	9.9	113127.8	-5024.6	6275	10.0	113633.0	-5008.0	6365	9.8	114203.4	-5052.9	6455	10.0	114744.6	-5044.9
6186	9.4	113132.2	-5048.3	6276	10.0	113635.4	-5009.3	6366	10.0	114207.4	-5053.7	6456	9.7	114746.0	-5059.2
6187	10.0	113136.6	-5027.2	6277	10.0	113639.8	-5056.4	6367	10.0	114211.1	-5029.3	6457	10.0	114754.4	-5017.0
6188	9.3	113138.1	-5036.4	6278	9.0	113645.7	-5039.0	6368	10.0	114223.9	-5018.6	6458	10.0	114756.5	-5039.1
6189	10.0	113147.0	-5016.3	6279	10.0	113649.9	-5004.6	6369	10.0	114231.8	-5038.0	6459	10.0	114758.0	-5031.7
6190	9.9	113150.7	-5024.9	6280	10.0	113651.1	-5019.7	6370	10.0	114235.2	-5001.8	6460	10.0	114807.8	-5046.0
6191	10.0	113151.8	-5004.4	6281	9.9	113658.0	-5044.4	6371	10.0	114238.0	-5005.6	6461	10.0	114810.2	-5054.5
6192	10.0	113153.4	-5021.3	6282	10.0	113658.5	-5021.2	6372	10.0	114239.4	-5007.9	6462	9.9	114811.4	-5041.9
6193	10.0	113156.3	-5054.5	6283	10.0	113659.7	-5044.1	6373	10.0	114247.2	-5009.9	6463	10.0	114816.4	-5058.2
6194	9.8	113201.5	-5037.0	6284	10.0	113701.0	-5011.4	6374	10.0	114248.1	-5033.4	6464	10.0	114819.6	-5029.2
6195	10.0	113201.6	-5029.2	6285	9.9	113703.4	-5031.6	6375	7.9	114248.1	-5042.6	6465	10.0	114827.7	-5033.3
6196	9.0	113210.3	-5052.7	6286	9.6	113704.4	-5011.3	6376	10.0	114248.2	-5029.1	6466	10.0	114836.5	-5001.0
6197	10.0	113228.6	-5051.3	6287	9.2	113705.0	-5026.0	6377	10.0	114257.5	-5017.8	6467	10.0	114837.9	-5001.6
6198	10.0	113229.8	-5045.6	6288	10.0	113717.4	-5045.2	6378	10.0	114303.7	-5042.4	6468	10.0	114840.6	-5047.8
6199	10.0	113230.8	-5025.3	6289	10.0	113723.8	-5009.3	6379	10.0	114309.3	-5029.3	6469	10.0	114841.6	-5048.4
6200	10.0	113231.8	-5002.0	6290	9.1	113725.1	-5014.0	6380	9.9	114314.2	-5008.0	6470	10.0	114843.2	-5000.1
6201	9.6	113232.8	-5034.4	6291	10.0	113729.6	-5024.0	6381	9.9	114314.6	-5028.0	6471	10.0	114849.4	-5020.0
6202	9.4	113233.1	-5031.2	6292	9.9	113739.2	-5010.6	6382	10.0	114314.7	-5028.5	6472	10.0	114852.6	-5024.7
6203	9.9	113234.4	-5047.7	6293	10.0	113739.6	-5011.8	6383	9.5	114316.2	-5007.5	6473	10.0	114858.1	-5006.9
6204	10.0	113240.7	-5047.4	6294	10.0	113739.7	-5051.0	6384	9.5	114318.3	-5025.0	6474	10.0	114900.5	-5029.6
6205	10.0	113243.0	-5027.1	6295	10.0	113740.6	-5037.0	6385	8.2	114321.8	-5004.2	6475	10.0	114902.2	-5006.2
6206	10.0	113256.4	-5023.8	6296	9.9	113752.8	-5016.3	6386	10.0	114328.2	-5050.1	6476	10.0	114907.3	-5031.8
6207	10.0	113257.7	-5033.4	6297	9.5	113753.8	-5034.2	6387	7.1	114333.0	-5001.6	6477	10.0	114908.1	-5034.9
6208	10.0	113258.4	-5046.7	6298	10.0	113755.5	-5059.2	6388	8.7	114333.1	-5026.3	6478	9.3	114910.9	-5046.8
6209	10.0	113301.9	-5017.3	6299	9.9	113755.9	-5058.3	6389	10.0	114334.7	-5030.3	6479	10.0	114913.8	-5036.1
6210	10.0	113304.0	-5003.8	6300	10.0	113808.7	-5025.4	6390	11.0	114338.7	-5032.3	6480	10.0	114917.0	-5015.6

6481	9.6	114917.2	-5058.6	6571	10.0	115410.8	-5024.6	6661	10.0	115944.3	-5054.9	6751	9.9	120501.2	-5000.2
6482	10.0	114918.9	-5037.8	6572	10.0	115413.8	-5018.8	6662	10.0	115944.3	-5041.1	6752	6.7	120502.6	-5039.4
6483	10.0	114921.3	-5033.4	6573	9.9	115415.9	-5014.0	6663	9.9	115952.5	-5035.2	6753	10.0	120502.8	-5013.5
6484	10.0	114924.8	-5007.0	6574	9.7	115420.0	-5024.8	6664	10.0	115953.2	-5022.2	6754	10.0	120503.0	-5006.2
6485	10.0	114927.7	-5038.4	6575	10.0	115426.0	-5017.0	6665	9.9	115955.4	-5050.9	6755	9.9	120503.1	-5033.1
6486	9.9	114929.4	-5048.9	6576	10.0	115427.7	-5008.4	6666	10.0	115958.6	-5005.4	6756	10.0	120504.8	-5057.1
6487	10.0	114930.8	-5037.8	6577	10.0	115435.2	-5021.0	6667	10.0	120000.8	-5033.2	6757	10.0	120506.1	-5059.9
6488	10.0	114931.2	-5007.3	6578	10.0	115436.8	-5020.9	6668	10.0	120002.9	-5008.1	6758	7.7	120516.0	-5015.8
6489	8.8	114932.6	-5011.6	6579	10.0	115442.7	-5051.9	6669	9.9	120003.8	-5026.4	6759	10.0	120518.4	-5002.4
6490	10.0	114933.2	-5024.8	6580	10.0	115446.6	-5005.3	6670	10.0	120003.9	-5055.9	6760	10.0	120523.4	-5051.6
6491	8.8	114935.9	-5016.3	6581	10.0	115446.6	-5001.2	6671	9.7	120006.3	-5019.0	6761	8.7	120523.7	-5043.0
6492	10.0	114943.2	-5046.9	6582	10.0	115447.0	-5038.6	6672	10.0	120006.5	-5046.6	6762	10.0	120525.9	-5009.0
6493	10.0	114959.7	-5044.1	6583	10.0	115452.4	-5057.2	6673	9.6	120011.6	-5025.5	6763	8.6	120527.7	-5004.7
6494	10.0	115005.7	-5039.0	6584	10.0	115501.7	-5016.6	6674	10.0	120020.1	-5036.5	6764	10.0	120530.6	-5019.0
6495	10.0	115005.8	-5031.3	6585	10.0	115502.3	-5058.2	6675	10.0	120022.7	-5038.9	6765	10.0	120531.8	-5006.2
6496	10.0	115006.6	-5056.8	6586	9.9	115502.3	-5057.2	6676	10.0	120042.8	-5037.0	6766	9.9	120534.2	-5023.6
6497	10.0	115007.0	-5019.0	6587	10.0	115503.6	-5004.5	6677	9.9	120100.8	-5014.0	6767	10.0	120535.1	-5007.0
6498	9.8	115009.7	-5026.6	6588	9.9	115511.7	-5012.8	6678	10.0	120103.0	-5003.3	6768	10.0	120536.3	-5059.0
6499	9.8	115013.8	-5043.8	6589	10.0	115518.2	-5007.0	6679	9.9	120103.0	-5001.2	6769	9.8	120539.8	-5008.0
6500	9.1	115014.2	-5004.0	6590	9.9	115519.7	-5049.5	6680	8.5	120103.8	-5036.2	6770	10.0	120546.6	-5005.8
6501	8.9	115016.9	-5051.0	6591	10.0	115526.0	-5031.2	6681	10.0	120107.0	-5028.1	6771	10.0	120550.6	-5041.0
6502	10.0	115020.3	-5041.9	6592	10.0	115527.1	-5042.6	6682	9.8	120109.5	-5030.1	6772	10.0	120550.6	-5029.7
6503	9.5	115026.2	-5032.9	6593	9.3	115531.5	-5048.5	6683	10.0	120111.7	-5028.1	6773	10.0	120557.7	-5013.5
6504	10.0	115030.2	-5032.4	6594	10.0	115539.9	-5035.0	6684	9.0	120125.0	-5013.9	6774	10.0	120600.3	-5042.5
6505	10.0	115030.6	-5052.0	6595	10.0	115543.4	-5014.0	6685	10.0	120126.0	-5029.0	6775	10.0	120607.2	-5049.3
6506	10.0	115031.3	-5011.6	6596	10.0	115547.0	-5055.3	6686	9.6	120135.7	-5017.5	6776	10.0	120611.5	-5005.9
6507	8.8	115043.2	-5054.4	6597	10.0	115602.9	-5003.6	6687	9.8	120136.2	-5028.9	6777	10.0	120616.7	-5048.0
6508	10.0	115043.9	-5038.0	6598	10.0	115604.0	-5050.1	6688	6.4	120137.2	-5004.1	6778	9.7	120618.1	-5014.8
6509	10.0	115053.2	-5019.2	6599	10.0	115614.3	-5027.0	6689	10.0	120141.0	-5059.4	6779	9.7	120621.2	-5038.1
6510	10.0	115056.5	-5048.0	6600	9.9	115617.3	-5022.3	6690	10.5	120141.7	-5042.1	6780	9.7	120622.0	-5039.5
6511	10.0	115057.9	-5028.9	6601	10.0	115618.0	-5051.1	6691	9.6	120143.0	-5016.8	6781	10.0	120624.0	-5045.8
6512	10.0	115058.8	-5029.7	6602	9.9	115618.6	-5054.2	6692	10.0	120146.4	-5022.0	6782	10.0	120628.4	-5015.9
6513	10.0	115059.5	-5038.8	6603	9.8	115620.8	-5052.2	6693	10.0	120147.8	-5039.2	6783	9.9	120632.6	-5054.5
6514	9.6	115104.8	-5044.1	6604	9.8	115622.8	-5038.4	6694	10.0	120149.0	-5033.4	6784	10.0	120633.6	-5003.4
6515	9.6	115107.0	-5050.3	6605	10.0	115628.9	-5044.0	6695	9.8	120149.5	-5032.5	6785	10.0	120637.2	-5031.1
6516	10.0	115107.1	-5001.0	6606	9.8	115630.8	-5037.8	6696	10.0	120149.9	-5026.5	6786	9.4	120637.7	-5003.8
6517	10.0	115108.1	-5002.2	6607	9.9	115630.8	-5059.9	6697	2.8	120153.5	-5001.8	6787	11.0	120640.6	-5027.2
6518	9.7	115111.6	-5048.9	6608	9.9	115632.0	-5014.9	6698	10.0	120154.8	-5045.6	6788	10.0	120642.2	-5058.3
6519	10.0	115127.0	-5030.4	6609	10.0	115635.8	-5020.1	6699	10.0	120200.6	-5039.0	6789	10.0	120649.8	-5006.0
6520	10.0	115128.2	-5035.8	6610	10.0	115640.5	-5048.4	6700	9.9	120201.0	-5004.6	6790	10.0	120651.2	-5024.3
6521	10.0	115131.4	-5041.4	6611	10.0	115642.6	-5009.3	6701	10.0	120204.5	-5038.8	6791	10.0	120654.4	-5031.5
6522	10.0	115132.9	-5031.1	6612	9.9	115646.9	-5003.8	6702	9.2	120209.0	-5021.2	6792	9.9	120656.6	-5027.2
6523	10.0	115134.4	-5028.0	6613	10.0	115648.8	-5019.7	6703	8.0	120210.5	-5050.5	6793	10.0	120657.4	-5025.4
6524	10.0	115140.2	-5005.0	6614	10.0	115651.3	-5047.6	6704	11.0	120211.5	-5049.2	6794	11.0	120705.6	-5038.4
6525	9.9	115140.5	-5048.4	6615	10.0	115655.8	-5000.0	6705	9.9	120218.9	-5025.3	6795	9.9	120706.0	-5006.9
6526	9.9	115148.9	-5037.4	6616	10.0	115655.8	-5000.6	6706	10.0	120221.0	-5044.4	6796	10.0	120715.1	-5027.0
6527	10.0	115149.4	-5001.2	6617	9.7	115701.7	-5051.5	6707	10.0	120224.6	-5002.6	6797	9.9	120720.0	-5028.6
6528	10.0	115150.1	-5048.0	6618	10.0	115709.7	-5045.2	6708	10.0	120232.5	-5038.8	6798	9.6	120724.9	-5041.9
6529	10.0	115152.0	-5000.4	6619	9.9	115710.5	-5036.5	6709	10.0	120237.0	-5056.6	6799	10.0	120725.0	-5027.4
6530	9.9	115152.9	-5022.0	6620	10.0	115711.6	-5018.2	6710	9.0	120237.9	-5027.0	6800	10.0	120728.0	-5046.2
6531	9.7	115153.9	-5026.1	6621	10.0	115728.6	-5008.2	6711	10.0	120240.2	-5029.0	6801	9.9	120728.6	-5048.6
6532	9.7	115154.0	-5002.0	6622	8.1	115731.8	-5006.8	6712	9.7	120240.8	-5007.5	6802	8.5	120731.6	-5037.0
6533	8.5	115159.3	-5049.1	6623	10.0	115731.8	-5008.8	6713	9.9	120242.3	-5057.0	6803	10.0	120731.6	-5020.3
6534	10.0	115202.2	-5003.6	6624	10.0	115731.9	-5037.6	6714	9.9	120243.9	-5042.9	6804	10.0	120733.4	-5055.9
6535	10.0	115207.2	-5008.4	6625	9.5	115738.3	-5018.0	6715	9.0	120256.6	-5045.1	6805	11.0	120734.6	-5021.2
6536	10.0	115211.0	-5012.0	6626	10.0	115740.1	-5029.6	6716	11.0	120257.1	-5027.4	6806	10.0	120736.8	-5007.2
6537	10.0	115211.6	-5014.4	6627	10.8	115741.3	-5017.6	6717	10.0	120257.2	-5059.3	6807	9.9	120742.6	-5052.9
6538	10.0	115212.7	-5033.2	6628	10.0	115746.8	-5019.7	6718	9.6	120257.2	-5045.1	6808	10.0	120743.8	-5016.5
6539	10.0	115215.1	-5039.2	6629	10.0	115750.3	-5024.6	6719	10.0	120301.7	-5027.0	6809	8.5	120746.3	-5022.5
6540	10.0	115216.1	-5030.0	6630	7.4	115752.4	-5046.6	6720	10.0	120305.3	-5048.1	6810	8.5	120746.3	-5037.0
6541	9.9	115218.6	-5019.0	6631	10.0	115754.4	-5029.5	6721	9.8	120309.0	-5036.5	6811	9.6	120749.4	-5048.4
6542	10.0	115222.0	-5039.2	6632	10.0	115759.9	-5025.6	6722	10.0	120311.6	-5042.8	6812	11.0	120751.6	-5030.0
6543	10.0	115223.3	-5055.8	6633	10.0	115810.1	-5036.4	6723	10.0	120311.6	-5005.2	6813	10.0	120754.5	-5002.3
6544	10.0	115228.0	-5008.6	6634	8.8	115813.7	-5040.2	6724	11.0	120315.5	-5027.0	6814	8.0	120757.6	-5050.5
6545	10.0	115228.8	-5044.4	6635	8.9	115826.6	-5009.5	6725	10.0	120319.7	-5027.8	6815	9.8	120800.8	-5028.6
6546	9.6	115232.8	-5026.6	6636	10.0	115827.3	-5014.0	6726	10.0	120328.6	-5036.6	6816	9.6	120801.3	-5051.5
6547	10.0	115240.4	-5010.0	6637	10.0	115831.4	-5008.0	6727	10.0	120329.6	-5039.1	6817	9.3	120803.0	-5004.7
6548	10.0	115243.2	-5020.9	6638	9.8	115832.6	-5029.0	6728	10.0	120334.8	-5052.0	6818	11.0	120808.6	-5051.2
6549	10.0	115245.4	-5034.0	6639	10.0	115833.0	-5006.4	6729	9.9	120336.9	-5056.8	6819	10.0	120810.8	-5013.8
6550	10.0	115252.9	-5011.5	6640	10.0	115833.2	-5038.6	6730	10.0	120337.3	-5004.6	6820	10.0	120813.8	-5030.0
6551	10.0	115253.2	-5047.1	6641	7.5	115838.4	-5029.7	6731	9.9	120339.4	-5023.2	6821	9.8	120822.0	-5005.5
6552	9.8	115255.1	-5025.6	6642	9.8	115843.2	-5027.1	6732	9.9	120341.6	-5056.0	6822	10.0	120840.5	-5017.1
6553	10.0	115303.5	-5046.4	6643	10.0	115851.1	-5018.3	6733	10.0	120346.3	-5031.0	6823	10.0	120849.6	-5017.0
6554	8.8	115313.6	-5057.5	6644	10.0	115856.6	-5034.5	6734	10.0	120349.0	-5022.0	6824	10.0	120849.8	-5030.0
6555	10.0	115314.0	-5015.6	6645	9.9	115858.5	-5019.0	6735	10.0	120350.8	-5050.2	6825	10.0	120853.3	-5005.2
6556	9.8	115314.5	-5011.0	6646	10.0	115859.4	-5028.3	6736	10.0	120358.0	-5016.2	6826	10.0	120854.6	-5013.0
6557	9.3	115318.0	-5057.8	6647	10.0	115859.7	-5001.0	6737	10.0	120400.9	-5059.0	6827	10.0	120859.2	-5034.9
6558	9.9	115320.5	-5009.0	6648	8.9	115900.4	-5046.0	6738	10.0	120402.8	-5044.1	6828	10.0	120900.5	-5005.1
6559	10.0	115322.6	-5030.5	6649	9.1	115901.3	-5058.2	6739	9.9	120407.9	-5016.6	6829	10.0	120902.7	-5025.9
6560	10.0	115328.3	-5019.8	6650	10.0	115904.0	-5011.6	6740	10.0	120411.9	-5025.9	6830	9.5	120904.7	-5027.9
6561	10.0	115328.7	-5029.1	6651	10.0	115911.9	-5008.0	6741	10.0	120412.2	-5020.6	6831	10.0	120906.7	-5053.9
6562	10.0	115331.8	-5030.6	6652	10.0	115912.8	-5019.0	6742	10.0	120422.3	-5045.4	6832	10.0	120907.6	-5012.0
6563	10.0	115336.5	-5059.5	6653	10.0	115921.2	-5007.6	6743	10.0	120432.4	-5038.2	6833	10.0	120909.1	-5000.5
6564	10.0	115339.0	-5005.8	6654	10.0	115921.3	-5016.2	6744	9.9	120434.4	-5004.2	6834	9.8	120911.8	-5011.0
6565	10.0	115340.7	-5025.1	6655	9.3	115921.9	-5018.6	6745	10.0	120439.8	-5006.5	6835	8.9	120912.2	-5024.7
6566	9.2	115347.0	-5003.6	6656	10.0	115926.0	-5009.4	6746	10.0	120441.0	-5054.0	6836	11.0	120915.1	-5025.5
6567	10.0	115353.4	-5058.0	6657	10.0	115926.6	-5023.1	6747	10.0	120447.5	-5001.0	6837	10.0	120918.9	-5037.6
6568	10.0	115356.5	-5032.3	6658	10.0	115938.6	-5032.0	6748	10.0	120451.0	-5013.9	6838	9.3	120927.3	-5059.9
6569	10.0	115401.4	-5047.9	6659	10.0	115939.9	-5040.0	6749	10.0	120452.6	-5035.9	6839	10.0	120929.2	-5056.8
6570	10.0	115410.8	-5021.0	6660	10.0	115941.6	-5048.0	6750	10.0	120457.0	-5017.6	6840	10.0	120930.1	-5017.6

-50 6841 12h09m

-50 7200 12h35m

6841	10.0	120935.1	-5035.9	6931	8.8	121545.2	-5019.8	7021	9.9	122248.1	-5034.1
6842	10.0	120936.1	-5052.1	6932	10.0	121547.3	-5032.8	7022	10.0	122252.6	-5006.2
6843	10.0	120943.2	-5031.3	6933	9.8	121550.5	-5013.4	7023	10.0	122300.6	-5036.2
6844	10.0	120950.6	-5009.2	6934	8.3	121555.0	-5006.6	7024	10.0	122300.6	-5006.3
6845	10.0	120954.2	-5014.8	6935	10.0	121608.9	-5037.5	7025	9.8	122304.4	-5056.1
6846	10.0	120954.7	-5027.2	6936	10.0	121613.9	-5056.0	7026	10.0	122308.6	-5044.2
6847	10.0	120959.0	-5022.5	6937	9.9	121627.9	-5043.1	7027	9.9	122311.6	-5005.2
6848	10.0	121004.3	-5039.8	6938	10.0	121633.1	-5054.0	7028	10.0	122317.7	-5035.9
6849	10.0	121009.6	-5048.0	6939	10.0	121633.8	-5001.8	7029	10.0	122323.2	-5044.1
6850	10.0	121010.9	-5006.8	6940	10.0	121642.8	-5000.5	7030	10.0	122325.3	-5035.2
6851	10.0	121015.9	-5005.0	6941	8.2	121646.9	-5034.1	7031	9.9	122325.8	-5052.0
6852	9.4	121015.9	-5053.7	6942	10.0	121652.2	-5008.6	7032	9.7	122327.4	-5003.8
6853	10.0	121017.5	-5017.9	6943	10.0	121657.9	-5001.2	7033	10.0	122333.2	-5055.6
6854	10.0	121023.6	-5058.6	6944	10.0	121715.9	-5006.0	7034	10.0	122333.9	-5037.4
6855	9.9	121024.9	-5022.9	6945	10.0	121716.1	-5043.1	7035	10.0	122353.4	-5038.3
6856	9.7	121030.6	-5029.1	6946	9.8	121723.2	-5056.9	7036	9.1	122357.4	-5025.1
6857	10.0	121035.6	-5033.2	6947	9.9	121724.5	-5056.8	7037	10.0	122358.3	-5048.2
6858	10.0	121039.3	-5020.2	6948	9.4	121725.5	-5044.1	7038	9.9	122400.4	-5043.6
6859	10.0	121044.0	-5047.1	6949	10.0	121732.2	-5011.9	7039	10.0	122403.6	-5049.0
6860	10.0	121044.7	-5027.8	6950	10.0	121734.2	-5057.3	7040	9.9	122406.5	-5054.0
6861	9.8	121045.2	-5005.0	6951	10.0	121737.0	-5017.0	7041	10.0	122419.0	-5006.1
6862	10.0	121051.3	-5040.6	6952	10.0	121740.6	-5017.9	7042	10.0	122419.9	-5059.9
6863	9.9	121054.1	-5020.8	6953	9.3	121752.8	-5009.6	7043	10.0	122427.5	-5020.2
6864	10.0	121054.7	-5010.8	6954	11.0	121757.4	-5043.1	7044	9.6	122433.8	-5002.2
6865	10.0	121059.3	-5000.6	6955	10.0	121807.6	-5010.4	7045	10.0	122436.1	-5015.9
6866	9.9	121101.5	-5059.5	6956	10.0	121813.8	-5022.9	7046	9.5	122440.0	-5016.2
6867	9.4	121105.3	-5047.9	6957	10.0	121823.8	-5009.8	7047	9.6	122442.0	-5027.9
6868	10.0	121116.5	-5026.2	6958	10.0	121825.8	-5008.4	7048	10.0	122442.8	-5030.9
6869	10.0	121119.3	-5043.2	6959	10.0	121838.6	-5033.0	7049	10.0	122446.6	-5042.5
6870	10.0	121124.3	-5029.1	6960	9.8	121843.6	-5013.8	7050	10.0	122450.6	-5056.5
6871	10.0	121125.9	-5005.2	6961	9.8	121848.2	-5019.0	7051	10.0	122458.7	-5029.9
6872	10.0	121133.4	-5014.0	6962	9.8	121849.3	-5009.0	7052	10.0	122501.2	-5001.4
6873	10.0	121139.2	-5031.7	6963	9.9	121852.5	-5050.6	7053	9.9	122502.5	-5058.6
6874	7.9	121143.0	-5033.0	6964	9.9	121854.0	-5006.0	7054	9.8	122521.8	-5058.6
6875	9.3	121148.3	-5028.5	6965	10.0	121859.5	-5030.9	7055	9.8	122524.2	-5008.6
6876	9.7	121148.6	-5024.8	6966	9.4	121908.5	-5054.5	7056	10.0	122525.6	-5021.8
6877	9.4	121200.8	-5048.0	6967	10.0	121918.0	-5012.4	7057	10.0	122530.0	-5015.9
6878	10.0	121203.5	-5041.2	6968	10.0	121930.9	-5012.2	7058	9.4	122530.9	-5040.6
6879	10.0	121204.7	-5021.4	6969	10.0	121932.8	-5028.8	7059	9.7	122532.5	-5000.2
6880	10.0	121207.5	-5055.0	6970	10.0	121934.0	-5027.4	7060	8.6	122534.5	-5032.2
6881	9.9	121209.7	-5016.0	6971	9.1	121934.4	-5040.1	7061	10.0	122539.6	-5004.6
6882	10.0	121213.8	-5026.8	6972	10.0	121938.7	-5004.6	7062	9.9	122540.0	-5017.3
6883	10.0	121214.8	-5034.8	6973	10.0	121941.2	-5016.8	7063	8.6	122542.0	-5045.2
6884	10.0	121216.5	-5050.0	6974	9.8	121942.8	-5023.3	7064	11.0	122543.0	-5038.5
6885	10.0	121217.4	-5052.3	6975	5.7	121947.5	-5045.1	7065	10.0	122547.5	-5026.0
6886	10.0	121220.8	-5002.0	6976	10.0	121949.4	-5005.5	7066	10.0	122549.0	-5050.0
6887	10.0	121222.2	-5022.3	6977	10.0	121950.4	-5027.4	7067	10.0	122559.4	-5021.0
6888	9.9	121226.9	-5018.9	6978	10.0	121952.1	-5036.9	7068	9.5	122602.2	-5030.0
6889	9.7	121227.7	-5005.6	6979	10.0	122011.3	-5003.0	7069	9.8	122604.2	-5041.2
6890	10.0	121230.2	-5036.7	6980	10.0	122013.9	-5044.5	7070	10.0	122609.5	-5025.4
6891	9.9	121234.4	-5053.1	6981	10.0	122018.5	-5018.6	707	9.5	122612.0	-5040.0
6892	9.2	121239.2	-5003.2	6982	10.0	122021.6	-5018.7	707	10.0	122618.3	-5008.8
6893	10.0	121244.3	-5014.8	6983	10.0	122021.9	-5013.9	707	9.8	122622.6	-5019.4
6894	10.0	121250.8	-5023.3	6984	10.0	122022.9	-5005.8	7074	9.4	122627.2	-5034.5
6895	10.0	121258.2	-5041.4	6985	10.0	122024.4	-5049.0	7075	10.0	122634.8	-5028.5
6896	10.0	121302.3	-5045.1	6986	10.0	122024.5	-5057.6	7076	11.0	122640.2	-5027.8
6897	9.8	121306.4	-5001.5	6987	10.0	122026.0	-5040.8	7077	10.0	122646.9	-5028.2
6898	9.7	121308.5	-5015.4	6988	9.9	122028.1	-5058.6	7078	10.0	122647.4	-5008.0
6899	10.0	121313.0	-5038.0	6989	10.0	122030.0	-5055.6	7079	10.0	122651.5	-5027.6
6900	9.7	121316.2	-5023.9	6990	9.8	122032.9	-5021.6	7080	10.0	122656.5	-5033.2
6901	10.0	121317.4	-5042.5	6991	10.0	122035.7	-5017.8	7081	10.0	122704.1	-5011.4
6902	10.0	121318.0	-5055.6	6992	10.0	122037.8	-5023.9	7082	10.0	122709.2	-5000.8
6903	10.0	121320.8	-5036.8	6993	8.8	122040.9	-5058.5	7083	10.0	122711.2	-5040.9
6904	10.0	121328.0	-5015.1	6994	10.0	122047.5	-5057.1	7084	9.9	122715.3	-5016.8
6905	9.9	121335.1	-5019.8	6995	10.0	122048.8	-5045.5	7085	10.0	122721.8	-5026.4
6906	7.7	121340.7	-5031.2	6996	10.0	122051.5	-5000.2	7086	10.0	122728.4	-5048.8
6907	9.3	121349.9	-5005.1	6997	10.0	122052.2	-5034.1	7087	10.0	122729.8	-5035.9
6908	9.8	121358.6	-5042.0	6998	10.0	122054.0	-5023.6	7088	9.3	122733.3	-5057.6
6909	10.0	121402.7	-5048.5	6999	10.0	122102.4	-5008.1	7089	10.0	122733.7	-5032.6
6910	9.7	121411.7	-5027.6	7000	10.0	122104.7	-5018.4	7090	10.0	122736.8	-5043.6
6911	10.0	121416.8	-5038.0	7001	10.0	122106.6	-5036.1	7091	10.0	122739.6	-5005.0
6912	10.0	121420.5	-5053.1	7002	10.0	122107.3	-5001.5	7092	10.0	122740.8	-5011.8
6913	10.0	121426.4	-5026.4	7003	10.0	122108.3	-5008.2	7093	10.0	122743.7	-5022.8
6914	10.0	121429.7	-5052.9	7004	10.0	122111.0	-5044.5	7094	9.2	122744.4	-5037.2
6915	9.9	121432.4	-5028.4	7005	10.0	122113.1	-5035.9	7095	10.0	122746.3	-5043.2
6916	10.0	121439.5	-5024.9	7006	10.0	122118.7	-5020.0	7096	9.9	122748.4	-5001.6
6917	9.6	121445.4	-5016.4	7007	9.9	122128.4	-5054.2	7097	9.1	122751.5	-5014.6
6918	10.0	121459.1	-5055.2	7008	10.0	122139.6	-5025.7	7098	9.9	122754.1	-5048.9
6919	8.4	121502.3	-5050.4	7009	10.0	122151.9	-5057.2	7099	10.0	122804.8	-5047.6
6920	10.0	121507.0	-5050.1	7010	9.8	122152.0	-5017.0	7100	9.6	122812.0	-5024.3
6921	10.0	121508.8	-5058.0	7011	9.5	122154.5	-5020.0	7101	10.0	122821.8	-5024.5
6922	10.0	121510.3	-5034.0	7012	9.4	122201.2	-5024.9	7102	8.5	122825.6	-5059.2
6923	10.0	121510.7	-5059.1	7013	10.0	122213.1	-5049.0	7103	10.0	122827.9	-5025.4
6924	10.0	121515.2	-5053.0	7014	10.0	122213.3	-5043.0	7104	9.8	122833.0	-5010.0
6925	10.0	121522.4	-5049.0	7015	10.0	122215.6	-5044.3	7105	10.0	122834.6	-5029.0
6926	8.5	121523.7	-5041.3	7016	9.7	122223.2	-5048.0	7106	10.0	122845.0	-5004.8
6927	10.0	121525.6	-5009.7	7017	9.9	122225.1	-5034.1	7107	10.0	122849.9	-5030.9
6928	9.5	121538.7	-5026.6	7018	10.0	122232.0	-5021.9	7108	9.8	122858.0	-5055.6
6929	9.6	121541.9	-5039.6	7019	10.0	122234.9	-5036.9	7109	10.0	122901.6	-5037.5
6930	10.0	121543.8	-5021.9	7020	10.0	122239.8	-5050.9	7110	10.0	122905.6	-5021.4
7111	10.0	122910.8	-5017.8								
7112	10.0	122910.9	-5016.4								
7113	9.6	122913.9	-5005.4								
7114	10.0	122915.5	-5045.0								
7115	10.0	122930.6	-5011.2								
7116	10.0	122935.9	-5038.9								
7117	10.0	122945.1	-5034.9								
7118	10.0	122949.2	-5054.2								
7119	10.0	122955.6	-5022.2								
7120	9.9	122958.1	-5007.2								
7121	9.8	122959.8	-5047.4								
7122	9.9	122959.9	-5016.9								
7123	10.0	123001.3	-5047.1								
7124	9.8	123002.1	-5015.8								
7125	9.7	123004.2	-5025.6								
7126	9.6	123004.8	-5041.2								
7127	10.0	123010.5	-5056.8								
7128	10.0	123011.3	-5006.0								
7129	9.9	123012.6	-5038.0								
7130	10.0	123012.6	-5044.2								
7131	9.2	123014.8	-5047.4								
7132	10.0	123016.7	-5009.2								
7133	10.0	123024.2	-5057.9								
7134	9.3	123030.6	-5009.2								
7135	10.0	123031.6	-5020.5								
7136	10.0	123032.5	-5013.8								
7137	10.0	123036.2	-5025.9								
7138	10.0	123038.8	-5058.6								
7139	10.0	123044.6	-5049.8								
7140	10.0	123045.4	-5019.6								
7141	10.0	123048.2	-5010.9								
7142	10.0	123049.2	-5058.0								
7143	9.7	123107.1	-5040.0								
7144	10.0	123115.2	-5015.8								
7145	10.0	123115.4	-5057.2								
7146	9.9	123115.5	-5030.9								
7147	10.0	123117.6	-5038.9								
7148	9.7	123123.0	-5008.4								
7149	10.0	123126.0	-5011.8								
7150	10.0	123137.0	-5004.8								
7151	10.0	123139.5	-5058.6								
7152	10.0	123148.1	-5042.6								
7153	8.0	123154.4	-5031.6								
7154	9.8	123201.4	-5007.8								
7155	9.9	123202.8	-5016.0								
7156	10.0	123207.1	-5004.6								
7157	9.3	123210.5	-5050.5								
7158	10.0	123214.2	-5017.3								
7159	10.0	123217.9	-5015.8								
7160	10.0	123221.4	-5041.8								
7161	10.0	123222.4	-5040.0								
7162	10.0	123227.5	-5020.8								
7163	10.0	123227.8	-5055.9								
7164	9.2	123231.2	-5050.9								
7165	10.0	123231.9	-5001.6								
7166	10.0	123239.4	-5014.4								
7167	10.0	123239.4	-5015.8								
7168	10.0	123243.6	-5030.8								
7169	10.0	123248.9	-5056.0								
7170	9.9	123255.3	-5054.7								
7171	10.0	123301.0	-5014.4								
7172	10.0	123304.3	-5030.9								
7173	9.7	123304.5	-5011.4								
7174	10.0	123309.4	-5039.3								
7175	9.8	123317.1	-5016.9								
7176	9.5	123318.5	-5000.5								
7177	9.8	123318.6	-5054.0								
7178	10.0	123322.5	-5030.6								
7179	9.3	123328.4	-5015.8								
7180	10.0	123341.2	-5034.8								
7181	10.0	123344.0	-5040.6								
7182	10.0	123345.1	-5042.0								
7183	10.0	123347.2	-5034.1								
7184	9.7	123347.4	-5053.2								
7185	10.0	123350.3	-5036.1								
7186	9.8	123350.6	-5025.4								
7187	10.0	123352.1	-5006.4								
7188	10.0	123402.0	-5032.9								
7189	10.0	123407.9	-5012.9								
7190	10.0	123408.8	-5044.4								
7191	10.0	123409.0	-5036.6								
7192	9.8	123416.0	-5004.8								
7193	10.0	123425.0	-5040.9								
7194	9.0	123429.9	-5025.5								
7195	10.0	123430.6	-5033.5								
7196	10.0	123441.8	-5037.9								
7197	10.0	123452.6	-5040.8								
7198	9.8	123503.4	-5029.2								
7199	10.0	123508.9	-5059.7								
7200	10.0	123511.6	-5054.2								

-50 7201 12h35m

-50 7560 13h02m

7201	10.0	123517.8	-5044.0	7291	10.0	124158.1	-5025.8	7381	10.0	124856.7	-5058.2	7471	10.0	125548.4	-5032.0
7202	10.0	123520.1	-5007.1	7292	10.0	124200.0	-5059.0	7382	10.0	124914.0	-5031.2	7472	10.0	125552.7	-5044.5
7203	10.0	123523.1	-5029.0	7293	10.0	124202.9	-5050.3	7383	9.4	124917.8	-5020.8	7473	9.8	125605.0	-5019.4
7204	10.0	123523.4	-5043.9	7294	10.0	124206.2	-5055.6	7384	10.0	124918.8	-5031.5	7474	10.0	125609.4	-5022.4
7205	10.0	123527.1	-5022.2	7295	9.0	124210.2	-5044.8	7385	9.2	124921.2	-5044.4	7475	8.7	125611.7	-5001.2
7206	10.0	123531.3	-5008.7	7296	10.0	124218.2	-5029.0	7386	9.9	124924.2	-5002.8	7476	9.8	125613.6	-5017.0
7207	10.0	123536.5	-5008.7	7297	10.0	124231.3	-5052.0	7387	10.0	124924.6	-5055.4	7477	10.0	125614.2	-5003.3
7208	10.0	123539.5	-5001.0	7298	10.0	124233.3	-5022.4	7388	10.0	124928.3	-5005.2	7478	9.9	125620.2	-5057.0
7209	9.6	123540.5	-5015.8	7299	10.0	124242.2	-5048.2	7389	9.8	124938.1	-5007.4	7479	10.0	125620.6	-5005.4
7210	10.0	123542.1	-5036.2	7300	7.7	124243.9	-5042.4	7390	10.0	124939.7	-5051.4	7480	10.0	125622.5	-5044.4
7211	10.0	123548.5	-5053.8	7301	9.2	124247.3	-5009.9	7391	10.0	124942.5	-5046.8	7481	10.0	125622.6	-5006.4
7212	10.0	123550.0	-5057.2	7302	10.0	124251.2	-5015.9	7392	9.3	124948.6	-5022.4	7482	10.0	125624.2	-5054.6
7213	8.6	123556.6	-5007.7	7303	9.9	124252.2	-5021.2	7393	10.0	124949.6	-5041.0	7483	9.7	125624.8	-5023.0
7214	10.0	123558.5	-5023.4	7304	10.0	124259.8	-5049.5	7394	5.8	124953.2	-5031.1	7484	9.7	125634.0	-5053.5
7215	10.0	123558.6	-5040.6	7305	10.0	124312.0	-5048.5	7395	10.0	124953.8	-5017.2	7485	10.0	125642.7	-5034.5
7216	10.0	123601.2	-5019.4	7306	9.5	124318.4	-5021.2	7396	10.0	124954.7	-5014.0	7486	10.0	125649.8	-5040.4
7217	10.0	123619.4	-5014.2	7307	10.0	124323.4	-5027.6	7397	10.0	125001.1	-5035.2	7487	10.0	125652.1	-5003.4
7218	10.0	123620.6	-5013.2	7308	10.0	124324.1	-5029.5	7398	10.0	125006.2	-5047.8	7488	10.0	125653.0	-5019.7
7219	10.0	123624.5	-5044.9	7309	10.0	124329.5	-5042.0	7399	9.9	125021.0	-5024.7	7489	9.8	125656.2	-5022.0
7220	9.3	123626.2	-5017.0	7310	10.0	124330.6	-5059.2	7400	9.8	125023.6	-5054.8	7490	10.0	125657.5	-5000.6
7221	10.0	123628.6	-5052.9	7311	9.9	124338.7	-5049.8	7401	10.0	125025.0	-5054.7	7491	10.0	125658.0	-5011.2
7222	10.0	123638.1	-5028.0	7312	10.0	124342.1	-5037.4	7402	10.0	125025.8	-5022.5	7492	10.0	125704.0	-5008.4
7223	10.0	123640.3	-5020.6	7313	10.0	124348.4	-5048.2	7403	10.0	125032.1	-5054.2	7493	10.0	125706.6	-5049.2
7224	9.4	123641.5	-5050.0	7314	10.0	124350.7	-5017.8	7404	10.0	125037.5	-5009.6	7494	10.0	125711.2	-5008.2
7225	10.0	123643.3	-5033.0	7315	10.0	124351.0	-5049.5	7405	10.0	125043.2	-5002.9	7495	10.0	125712.2	-5018.9
7226	10.0	123647.8	-5055.6	7316	10.0	124351.5	-5039.9	7406	9.9	125043.2	-5025.8	7496	10.0	125716.6	-5058.6
7227	10.0	123650.1	-5026.2	7317	9.9	124359.1	-5019.6	7407	9.6	125048.5	-5052.0	7497	9.7	125718.9	-5050.2
7228	9.7	123653.0	-5021.6	7318	10.0	124401.6	-5009.8	7408	10.0	125056.7	-5043.8	7498	10.0	125720.0	-5051.4
7229	9.6	123656.3	-5050.0	7319	9.9	124408.9	-5045.8	7409	10.0	125100.3	-5016.7	7499	10.0	125739.6	-5016.7
7230	9.5	123658.0	-5027.5	7320	10.0	124409.9	-5054.2	7410	8.0	125114.0	-5049.8	7500	8.0	125743.4	-5022.1
7231	10.0	123704.0	-5042.3	7321	9.4	124412.9	-5037.3	7411	9.9	125115.4	-5009.6	7501	10.0	125743.6	-5005.9
7232	8.9	123706.1	-5026.6	7322	9.9	124418.5	-5014.1	7412	10.0	125117.9	-5027.0	7502	10.0	125744.2	-5007.0
7233	10.0	123713.3	-5000.9	7323	10.0	124422.9	-5055.2	7413	9.2	125121.6	-5057.0	7503	10.0	125746.6	-5039.5
7234	9.6	123717.2	-5000.2	7324	9.8	124429.9	-5037.5	7414	10.0	125122.8	-5021.4	7504	9.8	125748.3	-5002.0
7235	10.0	123717.5	-5009.1	7325	10.0	124432.6	-5046.0	7415	10.0	125123.6	-5031.3	7505	10.0	125758.7	-5049.4
7236	10.0	123723.8	-5059.5	7326	10.0	124442.2	-5032.2	7416	10.0	125127.6	-5048.2	7506	10.0	125759.0	-5033.6
7237	9.8	123724.8	-5030.2	7327	10.0	124445.0	-5054.6	7417	10.0	125134.6	-5043.0	7507	8.2	125800.9	-5010.9
7238	10.0	123729.1	-5042.2	7328	10.0	124445.6	-5040.2	7418	10.0	125137.0	-5011.8	7508	10.0	125803.5	-5014.7
7239	10.0	123733.1	-5031.3	7329	9.8	124448.8	-5018.0	7419	9.6	125138.3	-5031.2	7509	10.0	125806.2	-5005.2
7240	10.0	123735.8	-5057.9	7330	10.0	124451.7	-5020.6	7420	10.0	125140.7	-5011.6	7510	10.0	125816.2	-5020.6
7241	10.0	123743.9	-5050.2	7331	10.0	124457.1	-5050.4	7421	9.6	125140.7	-5058.0	7511	10.0	125825.5	-5037.0
7242	10.0	123746.3	-5030.4	7332	10.0	124500.4	-5038.2	7422	9.8	125142.2	-5018.8	7512	10.0	125837.8	-5044.8
7243	10.0	123748.6	-5010.8	7333	9.4	124500.5	-5021.6	7423	10.0	125145.3	-5004.2	7513	9.6	125840.4	-5053.5
7244	10.0	123748.8	-5038.4	7334	9.8	124509.7	-5042.3	7424	10.0	125150.1	-5005.9	7514	9.9	125845.1	-5022.4
7245	9.8	123748.8	-5042.3	7335	9.8	124518.2	-5050.2	7425	8.6	125154.0	-5058.3	7515	10.0	125848.5	-5007.9
7246	10.0	123750.8	-5059.2	7336	9.4	124526.8	-5047.4	7426	10.0	125154.7	-5015.8	7516	9.7	125859.4	-5010.7
7247	10.0	123752.8	-5005.4	7337	10.0	124534.7	-5014.6	7427	10.0	125210.0	-5055.3	7517	10.0	125904.4	-5055.6
7248	9.3	123801.3	-5025.0	7338	10.0	124537.8	-5018.2	7428	9.4	125232.7	-5050.4	7518	9.9	125906.0	-5038.8
7249	9.8	123808.5	-5049.6	7339	9.9	124539.7	-5059.2	7429	10.0	125236.2	-5044.2	7519	7.8	125913.7	-5022.6
7250	10.0	123823.5	-5000.2	7340	9.8	124540.0	-5058.2	7430	10.0	125238.0	-5059.3	7520	9.9	125917.7	-5041.3
7251	10.0	123823.8	-5044.9	7341	10.0	124545.9	-5008.0	7431	9.1	125243.8	-5014.4	7521	10.0	125918.6	-5022.7
7252	9.0	123824.3	-5024.9	7342	10.0	124558.0	-5052.4	7432	10.0	125244.7	-5040.4	7522	10.0	125919.7	-5000.9
7253	9.7	123832.2	-5037.5	7343	9.8	124558.0	-5025.8	7433	10.0	125257.6	-5012.3	7523	10.0	125923.4	-5021.7
7254	10.0	123852.8	-5017.8	7344	10.0	124602.8	-5022.6	7434	9.0	125302.6	-5027.1	7524	10.0	125927.6	-5025.6
7255	9.4	123853.6	-5046.1	7345	10.0	124603.6	-5006.2	7435	9.8	125304.6	-5024.4	7525	10.0	125929.4	-5046.2
7256	10.0	123854.3	-5030.9	7346	10.0	124604.9	-5009.6	7436	10.0	125305.2	-5000.8	7526	10.0	125934.7	-5027.6
7257	9.5	123856.3	-5038.9	7347	10.0	124614.6	-5030.4	7437	9.9	125318.0	-5006.9	7527	10.0	125947.9	-5001.8
7258	10.0	123858.0	-5045.4	7348	10.5	124615.0	-5013.0	7438	10.0	125320.2	-5035.0	7528	10.0	125950.4	-5000.8
7259	10.0	123901.7	-5010.9	7349	10.0	124618.0	-5054.0	7439	10.0	125328.5	-5029.0	7529	10.0	130000.8	-5041.6
7260	9.8	123914.8	-5012.8	7350	10.0	124619.0	-5034.4	7440	10.0	125331.8	-5030.0	7530	10.0	130014.8	-5057.6
7261	9.5	123917.4	-5010.9	7351	10.0	124624.2	-5018.4	7441	10.0	125332.9	-5006.0	7531	10.0	130023.3	-5006.0
7262	10.0	123918.1	-5027.2	7352	9.6	124625.8	-5005.8	7442	9.3	125336.4	-5055.4	7532	10.0	130023.8	-5043.6
7263	9.9	123921.5	-5030.0	7353	9.3	124626.0	-5032.6	7443	9.2	125336.7	-5007.9	7533	10.0	130028.2	-5034.6
7264	10.0	123949.4	-5000.2	7354	9.9	124629.6	-5015.4	7444	9.9	125341.3	-5014.4	7534	10.0	130031.4	-5031.2
7265	10.0	123952.4	-5051.9	7355	10.0	124632.7	-5020.6	7445	10.0	125342.3	-5016.4	7535	10.0	130039.8	-5049.8
7266	10.0	123954.2	-5008.6	7356	10.0	124638.2	-5017.4	7446	10.0	125345.0	-5045.2	7536	10.0	130042.7	-5013.3
7267	9.0	123955.4	-5031.2	7357	10.0	124653.2	-5022.1	7447	10.0	125349.7	-5033.0	7537	9.9	130043.4	-5001.7
7268	10.0	123959.5	-5004.5	7358	10.0	124700.8	-5020.6	7448	10.0	125350.0	-5045.0	7538	10.0	130058.9	-5029.0
7269	9.7	124009.0	-5030.9	7359	7.9	124703.2	-5041.2	7449	9.2	125352.1	-5039.4	7539	10.0	130101.4	-5044.6
7270	10.0	124010.9	-5002.8	7360	9.9	124707.0	-5010.6	7450	9.7	125353.4	-5012.9	7540	9.4	130105.0	-5006.6
7271	9.7	124014.1	-5001.1	7361	9.5	124712.8	-5035.8	7451	9.9	125358.5	-5025.2	7541	9.6	130110.0	-5059.6
7272	10.0	124020.3	-5040.5	7362	8.8	124714.3	-5039.0	7452	9.7	125358.8	-5021.9	7542	10.0	130118.0	-5029.5
7273	10.0	124034.4	-5056.8	7363	10.0	124724.0	-5008.9	7453	10.0	125407.0	-5016.4	7543	10.0	130124.2	-5006.7
7274	10.0	124035.2	-5021.8	7364	9.8	124730.6	-5005.2	7454	10.0	125407.6	-5029.0	7544	9.7	130125.0	-5013.2
7275	10.0	124043.1	-5010.8	7365	10.0	124735.9	-5000.2	7455	10.0	125411.8	-5050.6	7545	8.6	130127.2	-5038.6
7276	9.4	124048.3	-5045.7	7366	10.0	124736.9	-5050.2	7456	10.0	125438.4	-5017.4	7546	10.0	130138.6	-5009.4
7277	10.0	124048.4	-5017.8	7367	10.0	124739.5	-5017.6	7457	10.0	125439.8	-5000.5	7547	10.0	130143.7	-5013.7
7278	10.0	124056.4	-5024.9	7368	9.6	124745.4	-5022.1	7458	8.1	125442.7	-5023.6	7548	9.8	130155.2	-5005.3
7279	10.0	124057.9	-5019.6	7369	10.0	124758.8	-5049.2	7459	10.0	125448.9	-5040.2	7549	10.0	130156.1	-5011.4
7280	10.0	124107.4	-5008.2	7370	10.0	124801.5	-5009.5	7460	10.0	125449.1	-5048.4	7550	10.0	130159.2	-5003.1
7281	9.7	124112.2	-5058.9	7371	9.8	124805.3	-5008.8	7461	9.8	125452.2	-5023.0	7551	9.9	130200.4	-5007.5
7282	10.0	124117.6	-5001.3	7372	9.6	124810.0	-5001.6	7462	9.6	125457.4	-5045.0	7552	9.2	130214.0	-5014.6
7283	9.9	124120.1	-5044.9	7373	10.0	124819.4	-5004.4	7463	9.9	125504.8	-5027.2	7553	10.0	130214.6	-5016.2
7284	10.0	124127.3	-5003.2	7374	10.0	124822.0	-5017.2	7464	10.0	125520.0	-5001.4	7554	10.0	130227.0	-5006.2
7285	9.9	124129.6	-5020.8	7375	10.0	124823.8	-5056.3	7465	10.0	125525.8	-5046.4	7555	10.0	130236.9	-5054.6
7286	10.0	124129.9	-5025.3	7376	10.0	124828.7	-5025.4	7466	10.0	125528.8	-5054.4	7556	9.2	130250.0	-5019.0
7287	10.0	124130.5	-5029.3	7377	9.9	124832.1	-5007.9	7467	9.9	125529.9	-5008.5	7557	10.0	130250.8	-5038.8
7288	10.0	124135.8	-5032.0	7378	10.0	124832.2	-5022.4	7468	10.0	125530.4	-5014.6	7558	10.0	130250.8	-5000.6
7289	8.8	124151.1	-5042.4	7379	10.0	124846.7	-5008.8	7469	9.8	125544.3	-5012.8	7559	10.0	130257.5	-5049.6
7290	9.7	124151.7	-5010.7	7380	10.0	124848.2	-5034.2	7470	10.0	125546.6	-5042.2	7560	10.0	130259.5	-5001.6

-50 7561 13h03m

-50 7920 13h30m

7561	10.0	130309.0	-5038.2	7651	10.0	131024.6	-5026.6	7741	10.0	131632.9	-5034.0	7831	10.0	132307.8	-5050.3
7562	10.0	130313.8	-5000.7	7652	10.0	131025.3	-5025.7	7742	9.2	131645.3	-5048.5	7832	9.8	132309.8	-5000.5
7563	10.0	130318.0	-5005.4	7653	10.0	131025.6	-5052.2	7743	10.0	131648.4	-5048.5	7833	10.0	132316.0	-5044.4
7564	10.0	130322.0	-5011.4	7654	10.0	131030.3	-5005.0	7744	10.0	131649.3	-5045.8	7834	10.0	132316.0	-5005.9
7565	10.0	130325.9	-5046.6	7655	10.0	131033.7	-5004.6	7745	10.0	131652.2	-5027.8	7835	10.0	132316.7	-5008.1
7566	9.9	130325.9	-5027.6	7656	10.0	131034.8	-5007.5	7746	10.0	131654.5	-5007.7	7836	10.0	132321.3	-5016.4
7567	10.0	130326.7	-5042.5	7657	10.0	131045.2	-5040.9	7747	7.3	131700.7	-5051.3	7837	8.8	132327.0	-5022.6
7568	10.0	130327.8	-5042.1	7658	10.0	131047.8	-5059.6	7748	9.9	131701.3	-5011.0	7838	9.6	132329.8	-5057.5
7569	10.0	130329.7	-5029.0	7659	9.6	131103.7	-5017.5	7749	9.9	131706.2	-5013.7	7839	9.8	132341.9	-5051.2
7570	10.0	130330.2	-5002.6	7660	6.7	131105.3	-5037.4	7750	9.9	131710.8	-5027.7	7840	9.8	132342.0	-5038.3
7571	10.0	130359.2	-5027.2	7661	9.4	131110.8	-5016.2	7751	10.0	131720.3	-5031.0	7841	10.0	132345.8	-5002.4
7572	10.0	130410.2	-5059.3	7662	9.1	131111.9	-5038.0	7752	9.4	131721.6	-5013.6	7842	9.7	132347.3	-5000.5
7573	10.0	130418.7	-5036.9	7663	10.0	131114.0	-5001.6	7753	10.0	131723.3	-5004.6	7843	10.0	132347.8	-5038.2
7574	10.0	130419.3	-5059.6	7664	9.3	131114.9	-5008.1	7754	10.0	131737.0	-5015.2	7844	9.1	132351.8	-5005.9
7575	10.0	130427.3	-5024.2	7665	10.0	131123.0	-5028.6	7755	8.7	131742.8	-5031.4	7845	10.0	132357.7	-5051.0
7576	9.5	130435.6	-5010.2	7666	10.0	131136.0	-5005.7	7756	10.0	131743.2	-5021.0	7846	9.8	132359.2	-5008.8
7577	9.9	130440.1	-5026.2	7667	10.0	131139.4	-5038.3	7757	10.0	131751.4	-5037.8	7847	9.3	132411.4	-5034.6
7578	10.0	130449.9	-5033.0	7668	9.6	131141.9	-5057.4	7758	9.3	131804.1	-5053.6	7848	9.8	132414.6	-5004.2
7579	10.0	130452.7	-5023.9	7669	10.0	131151.0	-5024.6	7759	9.8	131808.5	-5059.0	7849	10.0	132415.8	-5014.8
7580	9.8	130456.8	-5010.9	7670	10.0	131157.8	-5000.2	7760	10.0	131811.4	-5026.3	7850	9.8	132416.8	-5031.0
7581	9.8	130507.6	-5049.3	7671	10.0	131204.6	-5026.2	7761	10.0	131814.8	-5052.6	7851	9.3	132418.3	-5036.3
7582	9.6	130518.3	-5008.7	7672	9.4	131206.0	-5038.0	7762	10.0	131815.8	-5057.3	7852	10.0	132418.9	-5045.8
7583	9.8	130534.0	-5015.6	7673	10.0	131207.1	-5054.0	7763	9.8	131816.7	-5024.7	7853	10.0	132429.4	-5017.1
7584	10.0	130540.4	-5031.6	7674	10.0	131215.0	-5036.5	7764	8.1	131820.2	-5031.6	7854	9.8	132434.8	-5030.8
7585	10.0	130546.2	-5031.5	7675	9.9	131215.4	-5051.8	7765	7.4	131825.6	-5049.5	7855	9.6	132438.1	-5021.6
7586	9.9	130547.2	-5009.6	7676	10.0	131218.2	-5001.7	7766	10.0	131827.0	-5014.0	7856	10.0	132444.2	-5058.0
7587	10.0	130556.0	-5047.2	7677	10.0	131219.8	-5002.5	7767	10.0	131833.3	-5006.0	7857	9.8	132449.8	-5059.6
7588	10.0	130556.9	-5055.6	7678	10.0	131221.7	-5018.7	7768	10.0	131836.3	-5013.7	7858	10.0	132451.4	-5022.7
7589	6.2	130559.5	-5002.2	7679	9.4	131231.3	-5005.8	7769	10.0	131838.8	-5015.7	7859	10.0	132451.7	-5037.6
7590	10.0	130608.7	-5003.8	7680	10.0	131244.2	-5012.6	7770	10.0	131847.0	-5042.2	7860	10.0	132452.0	-5009.7
7591	9.5	130610.2	-5038.8	7681	9.7	131245.0	-5019.9	7771	10.0	131849.6	-5050.1	7861	9.3	132505.2	-5013.8
7592	10.0	130611.2	-5038.0	7682	10.0	131246.4	-5024.6	7772	10.0	131852.2	-5021.6	7862	10.0	132505.4	-5018.0
7593	9.6	130613.6	-5027.5	7683	10.0	131248.2	-5036.5	7773	10.0	131854.0	-5001.4	7863	10.0	132508.0	-5048.6
7594	10.0	130632.5	-5015.7	7684	10.0	131249.2	-5016.4	7774	9.9	131859.2	-5018.4	7864	10.0	132512.0	-5005.8
7595	9.6	130635.3	-5022.3	7685	10.0	131251.1	-5028.2	7775	10.0	131907.8	-5041.3	7865	9.8	132516.9	-5013.6
7596	10.0	130639.2	-5055.5	7686	9.5	131253.6	-5033.4	7776	10.0	131911.6	-5044.0	7866	10.0	132522.4	-5000.0
7597	10.0	130641.2	-5046.2	7687	9.4	131258.8	-5001.7	7777	10.0	131918.8	-5036.0	7867	10.0	132526.3	-5005.9
7598	10.0	130647.4	-5044.2	7688	10.0	131307.4	-5003.2	7778	10.0	131922.6	-5032.4	7868	10.0	132537.6	-5043.6
7599	10.0	130654.9	-5026.2	7689	9.7	131308.5	-5053.9	7779	10.0	131932.9	-5028.6	7869	10.0	132541.4	-5012.8
7600	10.0	130658.4	-5014.0	7690	10.0	131310.2	-5013.5	7780	10.0	131934.1	-5030.9	7870	10.0	132547.6	-5055.8
7601	10.0	130702.0	-5039.4	7691	10.0	131316.7	-5043.8	7781	10.0	131937.2	-5035.3	7871	10.0	132607.2	-5019.4
7602	10.0	130704.8	-5005.3	7692	10.0	131321.6	-5029.6	7782	10.0	131943.2	-5015.6	7872	9.9	132616.6	-5021.6
7603	9.1	130708.2	-5053.6	7693	9.6	131325.1	-5034.4	7783	9.9	131950.5	-5038.2	7873	10.0	132618.8	-5017.5
7604	10.0	130708.8	-5013.0	7694	10.0	131326.4	-5037.0	7784	10.0	131953.2	-5043.2	7874	9.9	132629.6	-5007.4
7605	9.8	130710.4	-5024.0	7695	10.0	131330.9	-5008.3	7785	10.0	132001.0	-5051.0	7875	10.0	132633.1	-5004.6
7606	10.0	130710.8	-5050.6	7696	9.1	131334.9	-5002.7	7786	10.0	132009.4	-5054.8	7876	10.0	132636.0	-5052.1
7607	10.0	130712.2	-5042.5	7697	10.0	131337.2	-5044.6	7787	10.0	132010.4	-5016.1	7877	9.9	132641.9	-5026.7
7608	10.0	130714.5	-5009.7	7698	10.0	131354.6	-5032.9	7788	10.0	132011.0	-5012.8	7878	9.1	132650.1	-5051.6
7609	10.0	130714.8	-5035.0	7699	10.0	131357.5	-5008.3	7789	9.8	132016.3	-5052.6	7879	9.0	132654.5	-5049.6
7610	9.9	130716.0	-5041.0	7700	10.0	131359.0	-5057.6	7790	10.0	132027.9	-5058.2	7880	10.0	132659.9	-5033.4
7611	10.0	130723.9	-5059.5	7701	9.9	131359.6	-5012.3	7791	10.0	132028.1	-5001.3	7881	10.0	132705.5	-5024.4
7612	10.0	130736.2	-5001.6	7702	10.0	131409.8	-5044.8	7792	10.0	132039.8	-5009.5	7882	7.5	132707.5	-5009.0
7613	10.0	130739.8	-5053.0	7703	10.0	131416.7	-5040.2	7793	10.0	132041.7	-5000.9	7883	10.0	132713.2	-5010.0
7614	10.0	130742.1	-5048.0	7704	10.0	131417.6	-5047.9	7794	8.8	132043.9	-5038.5	7884	9.7	132717.2	-5002.1
7615	9.2	130748.5	-5051.4	7705	10.0	131420.8	-5020.9	7795	10.0	132044.7	-5022.2	7885	10.0	132717.8	-5048.2
7616	8.9	130750.3	-5018.4	7706	9.7	131423.4	-5036.4	7796	9.8	132047.0	-5051.0	7886	9.7	132726.8	-5033.0
7617	10.0	130758.7	-5028.9	7707	10.0	131424.0	-5018.0	7797	9.7	132049.4	-5038.0	7887	10.0	132732.8	-5059.9
7618	10.0	130801.0	-5025.0	7708	7.0	131424.5	-5037.5	7798	9.9	132051.5	-5056.6	7888	10.0	132743.1	-5026.8
7619	10.0	130808.5	-5011.7	7709	10.0	131424.6	-5046.4	7799	9.4	132056.0	-5011.7	7889	9.7	132743.4	-5009.7
7620	10.0	130830.8	-5006.5	7710	9.9	131428.7	-5001.0	7800	10.0	132059.9	-5011.4	7890	9.9	132751.9	-5005.8
7621	9.9	130833.5	-5017.6	7711	9.9	131435.5	-5026.4	7801	10.0	132106.6	-5053.0	7891	10.0	132800.2	-5019.6
7622	8.5	130837.2	-5014.0	7712	10.0	131444.1	-5054.6	7802	10.0	132110.7	-5021.4	7892	10.0	132810.0	-5001.7
7623	8.8	130839.0	-5008.7	7713	10.0	131447.8	-5014.4	7803	9.9	132111.0	-5013.9	7893	9.8	132812.3	-5023.1
7624	10.0	130840.1	-5010.1	7714	9.1	131450.2	-5007.0	7804	10.0	132112.2	-5026.9	7894	9.1	132812.7	-5033.6
7625	10.0	130847.3	-5037.4	7715	10.0	131502.5	-5029.4	7805	10.0	132116.0	-5030.2	7895	10.0	132820.8	-5021.2
7626	8.5	130847.8	-5017.5	7716	10.0	131508.6	-5055.8	7806	10.0	132117.2	-5036.8	7896	10.0	132823.3	-5022.1
7627	10.0	130850.6	-5047.8	7717	9.8	131515.0	-5056.0	7807	9.8	132120.3	-5043.0	7897	10.0	132823.5	-5005.2
7628	10.0	130852.5	-5013.8	7718	9.7	131516.3	-5008.9	7808	10.0	132128.4	-5013.3	7898	8.7	132836.8	-5034.6
7629	10.0	130904.0	-5017.8	7719	10.0	131521.6	-5056.0	7809	10.0	132131.4	-5035.4	7899	9.9	132843.5	-5004.9
7630	10.0	130904.6	-5053.7	7720	10.0	131524.4	-5009.7	7810	10.0	132131.6	-5055.6	7900	10.0	132848.4	-5024.6
7631	10.0	130906.5	-5049.8	7721	10.0	131525.6	-5022.5	7811	10.0	132138.5	-5041.4	7901	10.0	132849.4	-5059.3
7632	10.0	130907.2	-5023.9	7722	10.0	131535.0	-5029.6	7812	5.8	132146.3	-5031.0	7902	8.5	132850.5	-5010.2
7633	10.0	130908.6	-5046.4	7723	10.0	131538.6	-5046.3	7813	10.0	132153.9	-5034.6	7903	10.0	132853.8	-5054.6
7634	10.0	130919.9	-5034.6	7724	10.0	131545.6	-5038.0	7814	10.0	132203.8	-5020.6	7904	10.0	132902.5	-5030.6
7635	10.0	130920.8	-5054.2	7725	10.0	131548.8	-5028.4	7815	10.0	132211.9	-5009.2	7905	10.0	132911.6	-5037.5
7636	10.0	130922.5	-5003.7	7726	10.0	131549.0	-5025.0	7816	10.0	132215.7	-5014.1	7906	10.0	132912.6	-5017.0
7637	10.0	130923.5	-5038.5	7727	10.0	131549.1	-5037.0	7817	10.0	132224.5	-5000.0	7907	10.0	132916.4	-5036.4
7638	9.9	130927.4	-5029.2	7728	10.0	131552.3	-5052.3	7818	9.3	132224.8	-5021.2	7908	9.5	132922.9	-5002.0
7639	10.0	130928.2	-5017.7	7729	10.0	131553.1	-5010.6	7819	10.0	132225.2	-5004.0	7909	10.0	132924.6	-5031.6
7640	10.0	130933.6	-5050.8	7730	9.9	131559.4	-5058.6	7820	10.0	132231.2	-5048.0	7910	9.4	132927.0	-5040.1
7641	9.9	130939.5	-5006.2	7731	10.0	131601.3	-5047.0	7821	9.9	132233.0	-5052.6	7911	9.7	132929.9	-5011.8
7642	9.9	130944.4	-5039.0	7732	10.0	131610.9	-5005.9	7822	9.9	132238.0	-5034.0	7912	10.0	132931.2	-5054.4
7643	10.0	130944.8	-5036.0	7733	10.0	131611.4	-5015.6	7823	9.8	132242.0	-5049.3	7913	10.0	132938.6	-5045.6
7644	9.6	130950.1	-5041.6	7734	10.0	131618.1	-5001.0	7824	10.0	132244.2	-5057.6	7914	9.8	132940.4	-5043.4
7645	10.0	130951.2	-5037.6	7735	10.0	131619.4	-5016.4	7825	9.1	132247.2	-5029.1	7915	9.0	132943.4	-5054.2
7646	9.6	131004.2	-5008.7	7736	9.4	131621.8	-5034.6	7826	10.0	132250.3	-5009.3	7916	10.0	132952.1	-5033.7
7647	10.0	131008.2	-5023.3	7737	9.7	131628.1	-5030.8	7827	9.5	132252.3	-5016.2	7917	9.8	132952.9	-5003.5
7648	9.9	131016.2	-5028.0	7738	10.0	131628.2	-5019.6	7828	9.9	132252.8	-5014.8	7918	9.7	132958.7	-5001.1
7649	10.0	131018.2	-5007.3	7739	9.8	131629.3	-5036.4	7829	10.0	132302.0	-5052.0	7919	10.0	133006.0	-5053.8
7650	10.0	131022.6	-5030.8	7740	9.1	131630.2	-5002.3	7830	10.0	132307.8	-5058.2	7920	9.7	133006.7	-5005.6

7921	10.0	133009.0	-5039.6	8011	9.9	133759.4	-5012.4	8101	10.0	134600.8	-5013.2	8191	10.0	135326.1	-5040.2
7922	10.0	133013.4	-5011.7	8012	10.0	133809.8	-5002.3	8102	10.0	134605.6	-5051.4	8192	10.0	135332.3	-5021.4
7923	10.0	133019.2	-5053.2	8013	10.0	133812.0	-5041.3	8103	9.2	134612.3	-5037.3	8193	10.0	135333.0	-5016.0
7924	10.0	133019.3	-5024.0	8014	10.0	133817.1	-5006.3	8104	8.4	134613.5	-5046.8	8194	9.7	135341.5	-5001.0
7925	10.0	133030.7	-5057.0	8015	8.8	133818.0	-5015.2	8105	10.0	134615.6	-5041.8	8195	10.0	135348.6	-5014.8
7926	9.8	133033.0	-5044.7	8016	20.0	133834.4	-5044.7	8106	10.0	134619.2	-5043.0	8196	9.9	135357.2	-5033.8
7927	9.9	133038.3	-5025.7	8017	5.2	133845.5	-5048.4	8107	8.3	134629.3	-5054.5	8197	9.9	135358.3	-5035.0
7928	8.9	133039.8	-5054.8	8018	9.9	133851.7	-5042.6	8108	10.0	134636.7	-5009.6	8198	9.9	135410.6	-5047.8
7929	9.9	133045.2	-5043.6	8019	9.9	133859.8	-5016.7	8109	10.0	134637.0	-5027.0	8199	10.0	135415.8	-5050.8
7930	10.0	133048.4	-5038.2	8020	10.0	133901.3	-5017.5	8110	10.0	134638.7	-5036.8	8200	9.9	135418.9	-5039.0
7931	8.6	133054.7	-5027.7	8021	10.0	133901.4	-5032.7	8111	8.7	134641.8	-5004.6	8201	9.8	135424.1	-5045.6
7932	10.0	133055.9	-5018.2	8022	10.0	133904.9	-5012.8	8112	8.7	134643.3	-5004.4	8202	10.0	135431.9	-5042.4
7933	10.0	133057.3	-5046.8	8023	10.0	133909.6	-5044.2	8113	10.0	134643.6	-5040.4	8203	10.0	135432.1	-5016.7
7934	10.0	133100.4	-5023.0	8024	10.0	133909.6	-5004.7	8114	9.6	134659.8	-5054.0	8204	10.0	135436.0	-5045.2
7935	10.0	133100.8	-5048.8	8025	10.0	133911.0	-5056.3	8115	9.3	134704.1	-5007.9	8205	10.0	135439.7	-5006.4
7936	10.0	133112.5	-5055.6	8026	10.0	133926.1	-5033.4	8116	9.8	134706.0	-5050.3	8206	9.2	135440.3	-5002.9
7937	10.0	133123.2	-5045.2	8027	10.0	133932.5	-5018.0	8117	9.0	134712.9	-5007.8	8207	10.0	135440.8	-5043.6
7938	9.0	133128.4	-5006.8	8028	10.0	133933.5	-5044.2	8118	10.0	134713.8	-5043.4	8208	10.0	135443.8	-5026.0
7939	10.0	133131.2	-5054.0	8029	10.0	134000.3	-5007.3	8119	10.0	134722.2	-5058.5	8209	8.3	135447.0	-5036.9
7940	10.0	133134.7	-5004.0	8030	10.0	134005.6	-5016.8	8120	10.0	134734.9	-5049.6	8210	10.0	135450.2	-5031.3
7941	9.9	133137.9	-5043.9	8031	10.0	134015.2	-5035.6	8121	10.0	134736.0	-5024.4	8211	10.0	135451.5	-5020.4
7942	10.0	133145.6	-5029.3	8032	10.0	134017.3	-5032.9	8122	10.0	134743.0	-5044.6	8212	9.2	135453.9	-5026.8
7943	10.0	133152.6	-5004.8	8033	10.0	134019.1	-5025.4	8123	10.0	134743.2	-5028.0	8213	10.0	135459.9	-5001.8
7944	10.0	133156.0	-5050.6	8034	10.0	134020.2	-5006.4	8124	10.0	134744.8	-5047.1	8214	10.0	135501.9	-5019.0
7945	9.6	133200.6	-5044.6	8035	9.8	134021.2	-5003.5	8125	10.0	134751.0	-5052.3	8215	10.0	135504.2	-5006.6
7946	9.7	133206.3	-5001.5	8036	10.0	134031.0	-5021.9	8126	7.0	134754.5	-5002.9	8216	10.0	135510.7	-5043.0
7947	8.7	133213.5	-5032.0	8037	10.0	134031.1	-5007.9	8127	10.0	134756.0	-5005.8	8217	10.0	135513.5	-5027.8
7948	10.0	133217.2	-5031.7	8038	10.0	134035.9	-5021.9	8128	9.2	134801.6	-5058.8	8218	10.0	135514.0	-5047.0
7949	9.9	133226.9	-5003.9	8039	10.0	134038.8	-5045.3	8129	9.8	134805.0	-5030.0	8219	10.0	135528.3	-5021.5
7950	9.6	133232.6	-5021.4	8040	10.0	134040.2	-5022.6	8130	9.7	134810.6	-5054.0	8220	9.5	135528.5	-5040.2
7951	10.0	133235.0	-5014.2	8041	9.7	134043.5	-5043.4	8131	10.0	134813.6	-5053.6	8221	10.0	135546.5	-5042.0
7952	9.0	133240.6	-5003.5	8042	9.5	134047.0	-5005.9	8132	10.0	134818.6	-5052.8	8222	9.8	135550.8	-5047.3
7953	9.8	133244.2	-5025.0	8043	10.0	134048.3	-5024.9	8133	10.0	134820.6	-5003.2	8223	10.0	135558.0	-5020.7
7954	10.0	133244.9	-5053.0	8044	9.7	134052.2	-5044.6	8134	10.0	134821.7	-5023.2	8224	10.0	135600.6	-5001.5
7955	9.9	133250.0	-5047.5	8045	10.0	134054.1	-5019.6	8135	9.9	134825.9	-5014.0	8225	10.0	135601.8	-5002.7
7956	10.0	133250.0	-5013.2	8046	10.0	134103.0	-5002.3	8136	10.0	134831.8	-5044.6	8226	9.9	135604.2	-5052.8
7957	10.0	133252.6	-5032.6	8047	10.0	134105.0	-5019.7	8137	10.0	134834.8	-5006.0	8227	10.0	135604.8	-5046.3
7958	10.0	133257.9	-5044.6	8048	9.2	134111.9	-5004.7	8138	10.0	134838.5	-5012.4	8228	9.7	135607.8	-5049.8
7959	9.8	133330.6	-5044.8	8049	10.0	134116.3	-5057.4	8139	9.9	134841.8	-5020.8	8229	10.0	135608.3	-5010.9
7960	9.5	133331.4	-5027.4	8050	10.0	134119.0	-5032.6	8140	9.6	134846.8	-5058.4	8230	10.0	135610.8	-5015.9
7961	10.0	133338.2	-5032.8	8051	10.0	134127.0	-5000.3	8141	10.0	134902.5	-5022.4	8231	9.3	135613.4	-5032.2
7962	9.4	133338.8	-5008.2	8052	9.9	134130.5	-5003.7	8142	9.9	134904.6	-5017.0	8232	9.8	135625.9	-5047.3
7963	10.0	133339.3	-5052.6	8053	10.0	134134.2	-5008.2	8143	10.0	134910.5	-5059.6	8233	10.0	135627.4	-5045.8
7964	9.9	133340.3	-5024.1	8054	9.9	134139.9	-5005.0	8144	10.0	134915.7	-5052.0	8234	10.0	135628.3	-5000.0
7965	10.0	133341.5	-5007.6	8055	10.0	134150.9	-5046.6	8145	10.0	134925.0	-5025.6	8235	10.0	135629.0	-5043.8
7966	9.2	133354.2	-5000.5	8056	9.6	134153.3	-5028.6	8146	9.4	134934.4	-5033.6	8236	10.0	135646.6	-5057.3
7967	9.8	133410.7	-5004.7	8057	8.6	134200.3	-5023.8	8147	9.9	134945.6	-5024.2	8237	10.0	135700.4	-5045.3
7968	10.0	133412.3	-5010.9	8058	8.5	134201.2	-5059.7	8148	9.3	134948.2	-5005.3	8238	10.0	135702.3	-5015.6
7969	10.0	133413.8	-5011.0	8059	10.0	134208.0	-5009.8	8149	9.3	135004.0	-5011.4	8239	10.0	135710.6	-5016.7
7970	10.0	133413.9	-5039.0	8060	9.9	134210.2	-5052.8	8150	10.0	135007.2	-5002.0	8240	10.0	135712.4	-5000.6
7971	10.0	133416.0	-5005.7	8061	9.8	134214.9	-5002.8	8151	10.0	135009.4	-5059.4	8241	10.0	135714.6	-5048.3
7972	10.0	133416.1	-5006.4	8062	10.0	134219.0	-5059.5	8152	9.5	135015.6	-5032.8	8242	10.0	135716.4	-5019.7
7973	9.9	133417.8	-5026.7	8063	10.0	134219.8	-5021.8	8153	10.0	135036.0	-5010.7	8243	10.0	135717.6	-5057.8
7974	10.0	133425.9	-5022.2	8064	10.0	134224.0	-5049.5	8154	10.0	135039.6	-5058.4	8244	10.0	135719.4	-5005.0
7975	9.8	133431.5	-5036.4	8065	8.9	134227.3	-5009.0	8155	9.9	135041.4	-5007.4	8245	10.0	135719.5	-5018.9
7976	9.8	133432.9	-5035.4	8066	10.0	134237.9	-5029.3	8156	9.9	135041.5	-5008.0	8246	10.0	135732.4	-5039.6
7977	10.0	133437.2	-5026.3	8067	10.0	134241.4	-5032.3	8157	9.8	135050.0	-5058.4	8247	8.5	135747.9	-5033.3
7978	10.0	133438.2	-5012.7	8068	9.7	134253.4	-5000.0	8158	10.0	135105.3	-5029.2	8248	10.0	135751.7	-5005.6
7979	9.4	133440.7	-5038.2	8069	10.0	134257.6	-5031.6	8159	8.9	135109.8	-5020.8	8249	9.0	135801.7	-5007.3
7980	10.0	133442.3	-5012.2	8070	10.0	134257.8	-5021.8	8160	9.7	135113.0	-5027.0	8250	10.0	135804.8	-5047.8
7981	10.0	133455.8	-5025.8	8071	10.0	134300.0	-5007.0	8161	10.0	135114.7	-5029.6	8251	10.0	135812.8	-5025.6
7982	10.0	133501.5	-5017.5	8072	10.0	134301.0	-5053.8	8162	9.7	135126.1	-5034.8	8252	10.0	135818.2	-5026.7
7983	6.5	133506.1	-5009.5	8073	10.0	134301.3	-5035.2	8163	10.0	135128.0	-5017.0	8253	9.9	135820.2	-5016.9
7984	10.0	133509.4	-5050.5	8074	10.0	134303.7	-5014.7	8164	10.0	135128.5	-5010.0	8254	10.0	135823.9	-5004.6
7985	9.6	133519.2	-5018.8	8075	10.0	134307.8	-5037.9	8165	10.0	135132.6	-5004.2	8255	10.0	135835.6	-5031.2
7986	9.8	133523.1	-5059.9	8076	10.0	134312.4	-5019.6	8166	10.0	135139.6	-5008.7	8256	10.0	135838.9	-5043.7
7987	10.0	133524.8	-5032.4	8077	9.8	134320.7	-5026.7	8167	10.0	135141.4	-5019.4	8257	10.0	135842.1	-5013.2
7988	10.0	133525.5	-5004.4	8078	9.2	134336.6	-5055.8	8168	10.0	135146.5	-5010.0	8258	10.0	135842.3	-5047.8
7989	9.5	133529.2	-5004.7	8079	9.8	134346.2	-5031.9	8169	10.0	135146.7	-5035.2	8259	9.5	135846.6	-5041.7
7990	10.0	133539.5	-5014.7	8080	10.0	134349.0	-5051.7	8170	10.0	135149.9	-5050.6	8260	10.0	135853.4	-5035.8
7991	8.5	133555.2	-5059.7	8081	10.0	134351.8	-5054.8	8171	9.8	135154.2	-5021.8	8261	9.6	135901.4	-5002.4
7992	9.7	133559.7	-5010.5	8082	10.0	134354.6	-5000.4	8172	10.0	135156.2	-5012.4	8262	10.0	135910.0	-5003.0
7993	10.0	133601.3	-5038.8	8083	10.0	134407.9	-5055.8	8173	9.8	135157.6	-5016.8	8263	10.0	135919.3	-5041.8
7994	10.0	133603.6	-5053.0	8084	10.0	134407.9	-5006.1	8174	10.0	135158.0	-5043.2	8264	10.0	135920.1	-5015.2
7995	10.0	133613.2	-5058.6	8085	10.0	134410.2	-5020.8	8175	9.8	135205.1	-5014.4	8265	10.0	135921.0	-5052.6
7996	10.0	133615.9	-5047.2	8086	7.8	134431.6	-5035.6	8176	9.3	135209.7	-5036.3	8266	10.0	135927.5	-5013.7
7997	9.9	133617.6	-5056.8	8087	10.0	134434.2	-5007.5	8177	10.0	135210.8	-5003.1	8267	9.6	135928.3	-5019.2
7998	7.0	133625.1	-5022.7	8088	10.0	134435.7	-5053.6	8178	10.0	135211.6	-5001.7	8268	10.0	135930.6	-5040.6
7999	9.8	133638.7	-5054.6	8089	10.0	134440.0	-5030.4	8179	10.0	135214.4	-5008.9	8269	10.0	135931.5	-5027.9
8000	10.0	133648.3	-5034.8	8090	10.0	134446.6	-5000.2	8180	10.0	135215.8	-5011.8	8270	9.9	135932.8	-5004.0
8001	9.8	133650.1	-5003.8	8091	10.0	134446.6	-5032.2	8181	10.0	135222.4	-5019.8	8271	9.9	135937.0	-5053.6
8002	10.0	133700.0	-5012.2	8092	7.5	134446.6	-5018.2	8182	10.0	135233.0	-5015.1	8272	9.9	135937.6	-5059.7
8003	10.0	133704.3	-5010.1	8093	10.0	134446.9	-5048.4	8183	10.0	135246.6	-5039.3	8273	9.6	135939.7	-5009.7
8004	10.0	133705.7	-5035.6	8094	10.0	134451.9	-5039.4	8184	10.0	135256.4	-5019.9	8274	10.0	135942.1	-5033.6
8005	9.6	133709.5	-5022.8	8095	7.8	134512.3	-5033.0	8185	9.9	135302.5	-5045.6	8275	10.0	135952.6	-5005.3
8006	10.0	133735.0	-5004.3	8096	10.0	134539.0	-5048.4	8186	10.0	135307.9	-5003.3	8276	10.0	135957.0	-5000.3
8007	10.0	133736.1	-5030.4	8097	10.0	134541.2	-5012.1	8187	10.0	135313.7	-5014.4	8277	9.5	135957.1	-5047.7
8008	10.0	133741.2	-5043.2	8098	9.8	134544.0	-5049.6	8188	8.8	135314.1	-5034.8	8278	9.2	140002.2	-5059.3
8009	10.0	133743.6	-5028.5	8099	10.0	134550.6	-5059.2	8189	9.6	135317.6	-5024.4	8279	10.0	140007.8	-5042.8
8010	10.0	133747.6	-5022.2	8100	9.8	134557.0	-5036.8	8190	10.0	135321.6	-5015.8	8280	10.5	140008.5	-5023.4

8281	9.7	140014.1	-5029.6	8371	10.0	140642.2	-5010.0	8461	10.0	141223.6	-5007.1	8551	10.0	141917.5	-5004.2
8282	10.0	140027.9	-5011.7	8372	10.0	140642.9	-5046.9	8462	10.0	141225.7	-5029.5	8552	10.0	141919.3	-5017.2
8283	10.0	140029.0	-5054.7	8373	10.0	140642.9	-5044.9	8463	9.6	141228.3	-5000.8	8553	10.0	141921.1	-5024.0
8284	10.0	140029.6	-5019.4	8374	10.0	140643.9	-5040.6	8464	10.0	141229.6	-5008.1	8554	10.0	141925.6	-5018.2
8285	8.5	140029.9	-5057.1	8375	9.9	140644.5	-5028.6	8465	9.8	141230.3	-5058.8	8555	9.8	141926.5	-5031.9
8286	10.0	140037.8	-5007.6	8376	9.8	140645.9	-5028.0	8466	10.0	141232.5	-5010.6	8556	9.8	141947.5	-5048.4
8287	10.0	140038.5	-5004.3	8377	10.0	140655.8	-5031.3	8467	10.0	141235.0	-5051.4	8557	10.0	141950.2	-5010.4
8288	10.0	140039.6	-5038.2	8378	10.0	140657.7	-5059.0	8468	10.0	141242.1	-5026.8	8558	9.1	141950.8	-5029.7
8289	10.0	140041.8	-5050.2	8379	10.0	140702.6	-5044.8	8469	10.0	141248.6	-5047.8	8559	9.4	141951.8	-5042.6
8290	10.0	140042.2	-5049.2	8380	10.0	140703.7	-5050.6	8470	9.3	141249.8	-5016.4	8560	10.0	141956.5	-5011.0
8291	10.0	140054.6	-5029.9	8381	10.0	140705.3	-5008.6	8471	10.0	141253.8	-5006.3	8561	9.6	142008.5	-5002.6
8292	9.9	140108.1	-5054.2	8382	9.6	140709.7	-5011.0	8472	10.0	141254.8	-5025.4	8562	9.8	142013.2	-5003.0
8293	9.5	140113.2	-5010.3	8383	10.0	140710.6	-5000.8	8473	9.8	141257.9	-5046.8	8563	10.0	142020.8	-5037.4
8294	6.3	140123.2	-5054.2	8384	10.0	140710.7	-5048.4	8474	10.0	141311.2	-5051.2	8564	10.0	142021.0	-5011.2
8295	9.0	140127.4	-5014.9	8385	10.0	140712.5	-5046.6	8475	10.0	141313.2	-5033.7	8565	11.3	142024.5	-5003.1
8296	9.9	140127.9	-5022.7	8386	10.0	140714.2	-5026.0	8476	10.0	141315.6	-5059.8	8566	9.6	142026.0	-5004.6
8297	9.1	140128.3	-5055.5	8387	9.5	140714.4	-5017.0	8477	10.0	141319.6	-5008.3	8567	10.0	142027.4	-5012.4
8298	10.0	140137.4	-5001.6	8388	10.0	140719.4	-5027.0	8478	10.0	141320.6	-5003.2	8568	10.0	142040.6	-5052.5
8299	9.2	140138.3	-5046.3	8389	10.0	140723.2	-5019.0	8479	8.6	141326.3	-5034.7	8569	10.0	142105.8	-5050.8
8300	10.0	140139.6	-5025.7	8390	9.9	140724.0	-5017.8	8480	9.5	141333.8	-5021.8	8570	10.0	142110.3	-5056.7
8301	9.9	140146.9	-5045.2	8391	10.0	140728.8	-5054.9	8481	10.0	141335.8	-5050.8	8571	10.0	142115.5	-5059.6
8302	10.0	140151.7	-5016.7	8392	9.4	140730.1	-5056.4	8482	10.0	141338.9	-5047.0	8572	10.0	142119.0	-5020.0
8303	10.0	140153.8	-5056.8	8393	10.0	140735.9	-5046.6	8483	10.0	141401.7	-5032.3	8573	10.0	142119.7	-5017.3
8304	9.9	140153.8	-5004.5	8394	10.0	140738.6	-5008.3	8484	10.0	141407.6	-5052.0	8574	9.4	142120.3	-5009.1
8305	10.0	140204.8	-5021.2	8395	10.0	140743.6	-5014.4	8485	10.0	141407.8	-5055.3	8575	9.4	142121.4	-5052.6
8306	9.8	140210.7	-5011.6	8396	10.0	140746.7	-5053.3	8486	10.0	141417.1	-5038.4	8576	10.0	142139.7	-5024.0
8307	10.0	140211.8	-5017.7	8397	10.0	140749.9	-5015.0	8487	10.0	141419.3	-5004.0	8577	10.0	142148.2	-5055.5
8308	9.7	140212.9	-5009.0	8398	10.0	140755.0	-5004.8	8488	10.0	141422.0	-5008.4	8578	10.0	142149.5	-5056.2
8309	10.0	140215.0	-5048.0	8399	9.9	140756.8	-5018.2	8489	10.0	141425.9	-5026.8	8579	10.0	142149.7	-5014.4
8310	10.0	140215.4	-5050.0	8400	10.0	140758.6	-5028.0	8490	10.0	141428.8	-5007.4	8580	10.0	142151.6	-5058.4
8311	9.5	140215.9	-5029.4	8401	10.0	140759.5	-5044.2	8491	9.7	141429.4	-5005.0	8581	10.0	142155.6	-5007.6
8312	9.9	140218.0	-5050.8	8402	9.9	140801.4	-5007.6	8492	10.0	141430.4	-5028.6	8582	10.0	142206.3	-5004.4
8313	9.8	140219.0	-5033.2	8403	10.6	140802.0	-5040.4	8493	10.0	141431.4	-5018.5	8583	10.0	142209.2	-5020.0
8314	10.0	140227.5	-5003.6	8404	10.0	140809.4	-5046.1	8494	9.8	141440.4	-5014.8	8584	10.0	142214.2	-5057.6
8315	10.0	140228.9	-5037.4	8405	10.0	140810.2	-5054.2	8495	10.0	141443.7	-5053.6	8585	9.7	142216.6	-5018.4
8316	7.6	140235.5	-5045.3	8406	9.8	140812.1	-5055.4	8496	10.0	141450.0	-5019.2	8586	10.0	142222.6	-5025.0
8317	9.6	140241.9	-5041.9	8407	10.0	140814.8	-5031.8	8497	10.0	141453.2	-5022.8	8587	10.0	142222.8	-5041.7
8318	9.7	140243.0	-5005.3	8408	9.9	140821.6	-5030.6	8498	10.0	141456.0	-5006.7	8588	10.0	142229.8	-5059.6
8319	10.0	140303.5	-5022.5	8409	10.0	140827.4	-5038.0	8499	10.0	141457.1	-5014.7	8589	9.9	142231.6	-5000.6
8320	10.0	140304.1	-5053.6	8410	9.9	140832.4	-5010.0	8500	10.0	141458.0	-5020.0	8590	10.0	142238.0	-5039.6
8321	10.0	140309.6	-5042.1	8411	9.9	140833.2	-5049.9	8501	6.2	141501.0	-5012.2	8591	9.6	142238.1	-5010.5
8322	10.0	140318.9	-5009.6	8412	10.0	140833.6	-5050.4	8502	10.0	141504.8	-5005.5	8592	9.8	142244.0	-5046.0
8323	10.0	140324.6	-5004.7	8413	9.8	140835.8	-5003.0	8503	10.0	141514.2	-5016.0	8593	10.0	142248.3	-5008.8
8324	10.0	140324.6	-5006.2	8414	10.0	140836.2	-5014.2	8504	10.0	141529.0	-5033.0	8594	9.5	142248.8	-5049.4
8325	10.0	140341.6	-5024.8	8415	9.9	140841.2	-5022.2	8505	10.0	141533.2	-5053.2	8595	9.9	142303.2	-5004.5
8326	10.0	140351.6	-5008.9	8416	10.0	140843.2	-5059.6	8506	9.8	141535.6	-5010.2	8596	10.0	142313.6	-5011.8
8327	10.0	140353.3	-5050.2	8417	10.0	140914.0	-5036.6	8507	10.0	141543.6	-5035.1	8597	9.8	142316.8	-5017.0
8328	10.0	140355.3	-5018.4	8418	10.0	140917.7	-5002.5	8508	10.0	141554.5	-5014.6	8598	10.0	142318.0	-5016.6
8329	9.7	140408.4	-5033.8	8419	10.0	140926.5	-5046.0	8509	10.0	141600.6	-5030.8	8599	9.4	142318.5	-5025.5
8330	10.0	140416.7	-5049.6	8420	10.0	140929.2	-5056.0	8510	10.0	141607.9	-5054.5	8600	9.3	142321.3	-5041.0
8331	10.0	140418.2	-5048.2	8421	9.3	140940.3	-5056.4	8511	9.2	141613.4	-5016.2	8601	10.0	142327.7	-5049.4
8332	10.0	140418.8	-5055.9	8422	10.0	140943.5	-5039.4	8512	10.0	141623.7	-5005.0	8602	10.0	142327.9	-5043.5
8333	10.0	140421.2	-5057.0	8423	10.0	140944.4	-5025.9	8513	10.0	141626.4	-5030.8	8603	10.0	142332.2	-5031.2
8334	10.0	140428.1	-5000.8	8424	9.9	140947.4	-5017.6	8514	9.5	141626.4	-5055.3	8604	9.7	142332.2	-5005.2
8335	10.0	140433.1	-5023.7	8425	10.0	140948.3	-5028.0	8515	9.7	141627.8	-5049.4	8605	9.9	142334.3	-5051.0
8336	10.0	140435.5	-5018.5	8426	10.0	140951.4	-5046.8	8516	9.8	141636.0	-5003.2	8606	9.6	142337.4	-5059.1
8337	9.6	140436.5	-5037.0	8427	7.9	140953.2	-5055.4	8517	10.4	141638.5	-5004.3	8607	10.0	142340.4	-5003.0
8338	10.0	140437.4	-5014.8	8428	10.0	141006.2	-5003.4	8518	10.0	141647.0	-5003.2	8608	10.0	142345.5	-5042.2
8339	10.0	140440.1	-5043.0	8429	9.3	141009.0	-5008.4	8519	10.0	141648.2	-5009.7	8609	10.0	142348.4	-5054.6
8340	10.0	140442.0	-5057.7	8430	9.9	141009.4	-5019.8	8520	9.9	141650.8	-5028.2	8610	7.6	142348.9	-5047.0
8341	9.6	140447.0	-5024.9	8431	9.4	141011.4	-5018.8	8521	10.0	141652.4	-5004.7	8611	10.0	142350.5	-5043.9
8342	10.0	140503.0	-5010.3	8432	10.0	141012.0	-5007.2	8522	9.6	141700.5	-5030.0	8612	10.0	142354.5	-5041.6
8343	10.0	140508.6	-5015.2	8433	9.7	141015.0	-5027.0	8523	9.2	141705.9	-5056.6	8613	10.0	142358.2	-5023.3
8344	9.9	140518.3	-5022.8	8434	10.0	141017.6	-5047.4	8524	10.0	141709.3	-5037.8	8614	10.0	142402.0	-5022.5
8345	10.0	140519.9	-5004.8	8435	10.0	141025.0	-5027.5	8525	10.0	141710.4	-5012.3	8615	10.0	142402.5	-5006.8
8346	10.0	140520.0	-5026.8	8436	9.9	141026.7	-5024.2	8526	10.0	141717.4	-5000.4	8616	10.0	142407.5	-5030.8
8347	10.0	140520.0	-5040.2	8437	10.0	141032.7	-5048.6	8527	10.0	141718.4	-5043.2	8617	9.9	142409.3	-5057.0
8348	10.0	140521.0	-5053.6	8438	10.0	141034.4	-5054.6	8528	10.0	141720.9	-5041.8	8618	10.0	142411.0	-5009.8
8349	9.7	140526.8	-5058.5	8439	10.0	141037.2	-5007.6	8529	10.0	141730.2	-5006.2	8619	10.0	142414.4	-5032.2
8350	10.0	140533.6	-5005.6	8440	10.0	141038.4	-5044.9	8530	10.0	141733.3	-5020.1	8620	10.0	142427.7	-5010.4
8351	9.3	140536.5	-5018.2	8441	10.0	141049.1	-5009.0	8531	10.0	141742.7	-5027.5	8621	10.0	142428.1	-5016.2
8352	10.0	140540.9	-5050.0	8442	10.0	141052.0	-5009.8	8532	10.0	141747.4	-5021.8	8622	10.0	142429.0	-5056.8
8353	10.0	140543.8	-5038.6	8443	9.0	141053.0	-5026.5	8533	10.0	141750.8	-5022.3	8623	10.0	142435.8	-5027.6
8354	10.0	140544.0	-5027.5	8444	10.5	141054.7	-5029.0	8534	10.0	141801.2	-5054.8	8624	9.8	142438.0	-5056.6
8355	10.0	140546.8	-5030.0	8445	10.0	141102.8	-5020.0	8535	10.0	141802.4	-5049.0	8625	9.6	142441.1	-5030.4
8356	9.8	140549.2	-5045.3	8446	8.7	141106.7	-5037.9	8536	9.7	141805.7	-5001.2	8626	9.9	142448.0	-5032.0
8357	10.0	140551.2	-5002.7	8447	10.7	141109.2	-5027.8	8537	10.0	141809.0	-5038.2	8627	8.3	142448.1	-5022.6
8358	9.8	140553.3	-5007.9	8448	10.0	141117.5	-5030.2	8538	10.0	141816.5	-5026.3	8628	10.0	142459.3	-5009.0
8359	10.0	140554.1	-5016.3	8449	10.0	141127.9	-5028.5	8539	9.1	141821.4	-5005.7	8629	10.0	142459.5	-5010.3
8360	7.2	140557.2	-5034.5	8450	10.0	141132.5	-5016.1	8540	9.8	141832.8	-5055.4	8630	10.0	142503.5	-5049.0
8361	9.8	140602.9	-5031.8	8451	10.0	141133.3	-5008.0	8541	10.0	141838.0	-5025.8	8631	10.0	142509.9	-5002.4
8362	9.5	140617.5	-5006.8	8452	10.0	141134.9	-5046.8	8542	9.8	141839.1	-5057.8	8632	10.0	142510.9	-5035.8
8363	10.0	140624.8	-5040.6	8453	10.0	141137.4	-5007.3	8543	10.0	141842.4	-5020.0	8633	10.0	142518.0	-5054.0
8364	9.4	140624.9	-5018.8	8454	10.0	141146.1	-5037.6	8544	10.0	141844.3	-5043.4	8634	10.0	142524.0	-5049.6
8365	10.0	140625.8	-5048.0	8455	10.0	141150.8	-5050.8	8545	10.0	141849.2	-5018.2	8635	9.7	142527.0	-5023.4
8366	10.0	140626.7	-5054.2	8456	10.0	141155.2	-5011.8	8546	10.0	141855.7	-5038.3	8636	10.0	142530.1	-5009.4
8367	9.6	140629.0	-5012.9	8457	9.8	141200.8	-5000.8	8547	10.0	141857.2	-5039.8	8637	10.0	142536.2	-5039.0
8368	9.9	140632.2	-5023.8	8458	10.0	141214.0	-5053.0	8548	10.5	141900.5	-5017.2	8638	10.0	142538.6	-5006.9
8369	10.0	140632.4	-5007.7	8459	10.0	141214.3	-5054.2	8549	10.0	141910.0	-5024.2	8639	9.8	142543.4	-5004.9
8370	10.0	140637.0	-5022.9	8460	10.0	141216.2	-5031.6	8550	10.0	141916.0	-5004.7	8640	10.0	142546.4	-5026.4

8641	10.0	142548.2	-5018.4	8731	10.0	143223.3	-5053.2	8821	10.0	143932.6	-5004.9
8642	9.9	142600.7	-5029.5	8732	10.0	143234.2	-5049.5	8822	10.0	143937.4	-5011.0
8643	10.0	142604.4	-5005.4	8733	10.0	143243.8	-5059.2	8823	10.0	143939.8	-5030.2
8644	10.0	142608.0	-5010.4	8734	10.0	143244.6	-5021.5	8824	9.3	143947.6	-5014.2
8645	10.0	142622.8	-5023.9	8735	9.8	143256.8	-5012.6	8825	10.0	143948.4	-5056.0
8646	10.0	142623.3	-5002.6	8736	10.0	143309.4	-5053.4	8826	9.6	143951.4	-5013.2
8647	10.0	142628.0	-5012.0	8737	10.0	143313.1	-5044.8	8827	10.0	144001.1	-5035.6
8648	10.0	142632.7	-5036.2	8738	10.0	143318.0	-5015.5	8828	8.0	144005.4	-5051.7
8649	10.0	142636.0	-5056.2	8739	10.0	143327.1	-5053.2	8829	9.9	144007.6	-5015.2
8650	9.6	142637.5	-5023.6	8740	10.0	143328.7	-5031.5	8830	10.0	144009.8	-5043.2
8651	10.0	142640.5	-5044.4	8741	10.0	143338.3	-5000.2	8831	10.0	144016.6	-5020.4
8652	9.7	142644.2	-5010.5	8742	10.0	143347.6	-5013.8	8832	10.0	144022.1	-5056.2
8653	9.9	142658.0	-5018.4	8743	9.6	143357.4	-5027.8	8833	10.0	144033.0	-5035.7
8654	10.0	142659.8	-5025.5	8744	9.6	143400.6	-5037.2	8834	10.0	144033.0	-5012.2
8655	10.0	142713.6	-5050.0	8745	10.0	143405.5	-5008.7	8835	9.2	144035.4	-5033.3
8656	10.0	142718.4	-5002.6	8746	10.0	143405.5	-5035.8	8836	10.0	144047.1	-5057.2
8657	9.9	142718.4	-5047.0	8747	10.0	143410.5	-5018.5	8837	10.0	144051.6	-5036.9
8658	10.5	142719.5	-5010.3	8748	10.0	143412.2	-5025.6	8838	9.8	144055.4	-5059.8
8659	10.5	142721.3	-5010.2	8749	10.0	143417.7	-5059.0	8839	10.0	144057.9	-5024.6
8660	9.1	142721.8	-5019.4	8750	9.6	143426.1	-5029.6	8840	10.0	144103.5	-5046.8
8661	10.0	142722.6	-5027.6	8751	10.0	143430.0	-5027.6	8841	10.0	144104.4	-5007.2
8662	10.0	142722.8	-5056.0	8752	9.8	143435.4	-5048.2	8842	10.0	144106.0	-5014.2
8663	9.9	142727.6	-5038.6	8753	9.7	143436.0	-5027.9	8843	10.0	144106.6	-5039.8
8664	9.8	142731.2	-5041.0	8754	10.0	143436.7	-5005.2	8844	10.0	144107.8	-5029.4
8665	10.0	142732.8	-5027.5	8755	10.0	143438.1	-5037.0	8845	10.0	144114.0	-5052.4
8666	10.0	142733.8	-5042.5	8756	10.0	143439.1	-5031.2	8846	10.0	144122.9	-5023.6
8667	10.0	142735.2	-5047.5	8757	10.0	143439.9	-5009.8	8847	10.0	144126.3	-5011.3
8668	10.0	142740.6	-5044.3	8758	10.0	143439.9	-5040.6	8848	10.0	144147.9	-5017.4
8669	10.0	142743.2	-5043.5	8759	10.0	143454.2	-5042.8	8849	10.0	144217.4	-5003.9
8670	10.0	142747.5	-5030.6	8760	10.0	143455.6	-5027.5	8850	9.0	144225.6	-5029.7
8671	9.8	142802.6	-5052.0	8761	9.0	143500.5	-5002.7	8851	9.5	144226.6	-5001.4
8672	9.9	142807.0	-5011.9	8762	10.0	143502.6	-5053.5	8852	10.0	144234.7	-5037.4
8673	10.0	142809.0	-5037.2	8763	10.0	143502.8	-5023.6	8853	10.0	144238.0	-5012.8
8674	10.0	142812.9	-5032.4	8764	10.0	143504.5	-5021.6	8854	10.0	144238.1	-5025.0
8675	10.0	142812.9	-5021.2	8765	10.0	143508.3	-5014.4	8855	10.0	144246.9	-5004.9
8676	10.0	142819.3	-5015.2	8766	9.4	143509.4	-5052.7	8856	10.0	144248.5	-5046.8
8677	9.6	142821.4	-5058.5	8767	10.0	143515.4	-5019.4	8857	9.9	144253.5	-5006.7
8678	10.0	142827.9	-5009.6	8768	9.3	143520.2	-5036.6	8858	10.0	144303.4	-5030.4
8679	10.0	142830.4	-5019.4	8769	10.0	143520.2	-5017.8	8859	10.0	144304.0	-5040.0
8680	10.0	142835.0	-5017.7	8770	10.0	143522.9	-5024.8	8860	10.0	144307.0	-5052.5
8681	10.0	142836.0	-5014.8	8771	8.7	143525.0	-5008.0	8861	9.7	144307.2	-5018.6
8682	10.0	142843.5	-5034.6	8772	10.0	143527.4	-5055.1	8862	10.0	144308.5	-5019.6
8683	10.0	142849.5	-5017.2	8773	10.0	143527.6	-5009.8	8863	10.0	144309.2	-5016.0
8684	10.0	142859.2	-5027.0	8774	10.0	143539.0	-5024.0	8864	9.7	144314.4	-5011.2
8685	9.1	142911.2	-5016.5	8775	9.4	143541.5	-5038.4	8865	9.6	144331.0	-5029.2
8686	9.9	142913.2	-5034.6	8776	10.0	143546.0	-5033.6	8866	10.0	144333.4	-5054.2
8687	9.3	142914.4	-5046.6	8777	10.0	143548.3	-5017.2	8867	10.0	144343.4	-5011.2
8688	10.0	142916.6	-5015.4	8778	10.0	143548.5	-5049.6	8868	9.8	144347.6	-5012.2
8689	10.0	142917.9	-5000.8	8779	10.0	143553.0	-5037.2	8869	10.0	144351.9	-5009.1
8690	10.0	142927.2	-5009.2	8780	8.0	143555.0	-5039.4	8870	7.8	144356.0	-5003.9
8691	10.0	142939.4	-5008.0	8781	10.0	143600.9	-5029.8	8871	8.8	144357.8	-5010.6
8692	10.0	142941.9	-5057.9	8782	10.0	143602.3	-5027.6	8872	10.0	144401.1	-5005.6
8693	10.0	142945.5	-5056.8	8783	9.9	143609.2	-5019.6	8873	10.0	144402.8	-5013.6
8694	10.0	142948.2	-5017.0	8784	10.0	143611.5	-5038.0	8874	10.0	144403.0	-5051.9
8695	10.0	142959.2	-5044.8	8785	9.9	143616.5	-5006.4	8875	9.2	144412.4	-5056.6
8696	9.5	142959.3	-5059.4	8786	9.4	143622.3	-5037.8	8876	10.0	144423.1	-5043.2
8697	10.0	143000.0	-5039.0	8787	10.0	143625.7	-5002.4	8877	9.9	144430.9	-5030.8
8698	10.0	143004.5	-5017.2	8788	9.9	143626.1	-5036.0	8878	10.0	144432.3	-5016.7
8699	9.7	143009.0	-5012.6	8789	10.0	143627.2	-5011.2	8879	10.0	144434.1	-5058.7
8700	10.0	143010.8	-5024.5	8790	9.8	143630.0	-5051.5	8880	10.0	144438.9	-5043.3
8701	10.0	143013.0	-5000.4	8791	7.0	143641.7	-5047.2	8881	9.6	144439.8	-5039.8
8702	10.0	143013.5	-5028.8	8792	8.7	143704.2	-5051.8	8882	10.0	144441.4	-5002.0
8703	10.0	143021.4	-5020.8	8793	10.0	143717.5	-5004.1	8883	10.0	144441.6	-5058.8
8704	9.9	143030.8	-5024.5	8794	10.0	143723.4	-5028.4	8884	10.0	144443.4	-5009.1
8705	9.9	143033.5	-5032.0	8795	10.0	143739.8	-5039.6	8885	10.0	144446.4	-5024.6
8706	10.0	143034.2	-5002.7	8796	9.7	143755.2	-5044.8	8886	9.2	144446.8	-5035.0
8707	9.7	143035.8	-5058.6	8797	10.0	143755.8	-5037.6	8887	9.4	144447.0	-5029.3
8708	10.0	143042.1	-5035.0	8798	9.9	143758.1	-5046.0	8888	10.0	144449.9	-5043.9
8709	9.9	143042.3	-5045.0	8799	10.0	143758.6	-5017.2	8889	9.7	144459.4	-5040.0
8710	10.0	143047.8	-5014.6	8800	9.9	143759.2	-5013.6	8890	10.0	144504.9	-5035.8
8711	10.0	143053.8	-5020.2	8801	9.9	143759.4	-5008.1	8891	9.9	144517.3	-5057.9
8712	10.0	143054.2	-5009.5	8802	10.0	143812.1	-5031.7	8892	9.9	144520.9	-5049.8
8713	9.1	143055.9	-5037.0	8803	10.0	143814.3	-5020.0	8893	9.8	144524.6	-5052.4
8714	10.0	143100.8	-5057.2	8804	10.0	143815.2	-5056.8	8894	10.0	144526.1	-5054.8
8715	10.0	143108.6	-5028.4	8805	10.0	143816.8	-5014.8	8895	10.0	144530.5	-5059.8
8716	10.0	143114.3	-5054.0	8806	10.0	143824.5	-5003.8	8896	9.7	144531.6	-5044.9
8717	10.0	143118.2	-5056.6	8807	9.5	143833.0	-5003.6	8897	10.0	144534.2	-5048.3
8718	10.0	143120.1	-5001.8	8808	10.0	143834.5	-5002.6	8898	10.0	144543.9	-5028.8
8719	10.0	143124.3	-5031.0	8809	9.6	143835.6	-5030.4	8899	8.6	144553.4	-5053.5
8720	9.5	143127.4	-5006.5	8810	10.0	143839.2	-5055.8	8900	10.0	144600.7	-5001.6
8721	10.0	143136.8	-5026.4	8811	10.0	143850.4	-5005.2	8901	8.6	144606.1	-5018.7
8722	10.0	143139.0	-5000.9	8812	9.9	143856.4	-5003.2	8902	10.0	144607.2	-5052.4
8723	10.0	143141.0	-5038.5	8813	10.0	143858.1	-5026.0	8903	10.0	144609.6	-5044.8
8724	9.9	143150.8	-5042.2	8814	9.8	143915.8	-5029.7	8904	8.9	144615.8	-5029.6
8725	10.0	143154.0	-5009.6	8815	9.7	143918.6	-5009.0	8905	10.0	144617.4	-5039.8
8726	10.0	143157.8	-5009.6	8816	10.0	143923.1	-5008.0	8906	10.0	144618.6	-5031.6
8727	8.1	143159.0	-5012.4	8817	10.0	143923.8	-5034.7	8907	10.0	144620.0	-5027.8
8728	10.0	143202.2	-5043.7	8818	11.0	143925.6	-5026.6	8908	9.7	144622.0	-5005.0
8729	10.0	143216.6	-5051.5	8819	10.0	143929.0	-5024.7	8909	10.0	144627.9	-5010.4
8730	10.0	143217.8	-5023.0	8820	10.0	143929.3	-5026.5	8910	10.0	144635.7	-5049.6
8911	9.9	144641.2	-5058.4								
8912	10.0	144642.9	-5019.9								
8913	10.0	144643.6	-5048.6								
8914	9.9	144649.8	-5019.8								
8915	10.0	144658.8	-5030.5								
8916	9.5	144702.3	-5011.7								
8917	10.0	144710.3	-5020.8								
8918	9.3	144713.2	-5057.9								
8919	10.0	144733.6	-5031.4								
8920	9.7	144737.4	-5023.2								
8921	9.0	144737.8	-5038.0								
8922	10.0	144737.9	-5041.6								
8923	10.0	144739.1	-5024.4								
8924	10.0	144739.4	-5048.9								
8925	10.0	144742.8	-5034.0								
8926	10.0	144744.3	-5019.4								
8927	10.0	144745.6	-5021.4								
8928	10.0	144746.9	-5022.3								
8929	10.0	144748.5	-5044.8								
8930	10.0	144750.5	-5023.7								
8931	10.0	144757.7	-5012.6								
8932	10.0	144759.7	-5014.4								
8933	7.7	144803.5	-5004.7								
8934	9.5	144805.0	-5025.9								
8935	10.0	144808.9	-5012.8								
8936	10.0	144809.1	-5053.9								
8937	10.0	144814.8	-5044.6								
8938	10.0	144815.2	-5048.9								
8939	7.0	144816.2	-5056.4								
8940	10.0	144820.1	-5018.6								
8941	10.0	144820.4	-5051.2								
8942	10.0	144824.4	-5058.2								
8943	10.0	144824.9	-5043.0								
8944	9.7	144826.6	-5026.2								
8945	10.0	144829.1	-5014.8								
8946	10.0	144832.8	-5023.6								
8947	10.0	144835.6	-5013.6								
8948	10.0	144841.8	-5053.8								
8949	10.0	144843.2	-5003.6								
8950	10.0	144900.7	-5054.4								
8951	10.0	144902.2	-5005.0								
8952	10.0	144908.4	-5002.7								
8953	10.0	144908.8	-5003.6								
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8955	10.0	144915.8	-5047.4								
8956	10.0	144917.1	-5005.9								
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8958	10.0	144930.7	-5052.2								
8959	10.0	144947.0	-5031.4								
8960	10.0	144951.5	-5012.4								
8961	10.0	144952.1	-5014.4								
8962	10.0	144956.0	-5007.6								
8963	10.0	145008.9	-5041.4								
8964	10.0	145012.2	-5024.8								
8965	10.0	145012.2	-5026.0								
8966	9.8	145019.0	-5013.6								
8967	10.0	145020.9	-5048.0								
8968	10.0	145024.1	-5037.2								
8969	10.0	145027.6	-5006.0								
8970	9.1	145029.2	-5022.4								
8971	10.0	145030.1	-5059.0								
8972	9.4	145031.4	-5003.6								
8973	10.0	145035.6	-5058.1								
8974	10.0	145036.3	-5057.2								
8975	9.9	145042.8	-5040.0								
8976	10.0	145043.4	-5038.0								
8977	10.0	145053.8	-5023.8								
8978	10.0	145102.6	-5021.9								
8979	10.0	145112.6	-5025.2								
8980	10.0	145117.0	-5043.9								
8981	10.0	145117.9	-5011.7								
8982	10.0	145126.6	-5054.4								
8983	10.0	145127.0	-5027.8								
8984	10.0	145131.7	-5046.2								
8985	10.0	145133.0	-5022.6								
8986	10.0	145138.0	-5008.0								
8987	10.0	145144.0	-5051.0								
8988	10.0	145147.8	-5000.3								
8989	10.0	145150.2	-5003.3								
8990	10.0	145201.3	-5032.0								
8991	10.0	145201.6	-5053.2								
8992	10.0	145203.5	-5027.6								
8993	10.0	145207.5	-5002.2								
8994	10.0	145210.7	-5021.8								
8995	10.0	145213.4	-5057.6								
8996	10.0	145219.0	-5014.0								
8997	10.0	145219.8	-5009.6								
8998	10.0	145228.0	-5043.2								
8999	10.0	145237.2	-5037.7								
9000	9.6	145243.8	-5038.0								

9001	9.3	145250.5	-5038.3	9091	9.8	145837.4	-5002.2	9181	10.0	150437.3	-5026.9
9002	10.0	145259.6	-5017.9	9092	10.0	145838.0	-5031.2	9182	9.6	150451.0	-5043.0
9003	10.0	145259.9	-5024.8	9093	9.8	145838.2	-5008.1	9183	10.0	150452.0	-5058.2
9004	9.9	145316.7	-5015.3	9094	10.0	145846.9	-5030.0	9184	10.0	150454.0	-5052.2
9005	10.0	145326.4	-5054.2	9095	9.5	145847.4	-5048.2	9185	10.0	150456.6	-5030.6
9006	10.0	145326.6	-5014.6	9096	10.0	145857.4	-5038.1	9186	8.8	150458.2	-5011.6
9007	10.0	145337.3	-5058.6	9097	9.6	145857.7	-5039.4	9187	10.0	150502.2	-5016.6
9008	10.0	145340.0	-5000.5	9098	9.9	145858.5	-5059.8	9188	10.0	150503.8	-5031.5
9009	10.0	145347.0	-5029.0	9099	9.8	145900.4	-5003.8	9189	10.0	150513.1	-5046.7
9010	9.9	145353.0	-5014.4	9100	10.0	145903.6	-5044.4	9190	10.0	150515.2	-5004.9
9011	10.0	145354.6	-5038.0	9101	10.0	145917.8	-5020.8	9191	10.0	150519.9	-5059.5
9012	10.0	145355.8	-5036.6	9102	10.0	145922.8	-5051.8	9192	10.0	150520.9	-5032.1
9013	10.0	145355.9	-5015.0	9103	10.0	145924.2	-5005.2	9193	10.0	150521.2	-5051.2
9014	9.8	145359.4	-5007.9	9104	10.0	145927.0	-5036.8	9194	9.5	150521.2	-5050.2
9015	10.0	145402.3	-5043.4	9105	10.0	145929.7	-5025.4	9195	10.0	150529.3	-5023.6
9016	10.0	145406.0	-5058.0	9106	10.0	145934.5	-5032.2	9196	10.0	150537.4	-5023.6
9017	10.0	145407.1	-5000.3	9107	10.0	145936.6	-5012.9	9197	10.0	150543.6	-5054.3
9018	9.8	145414.6	-5016.6	9108	9.5	145942.0	-5047.9	9198	10.0	150551.0	-5008.5
9019	9.4	145415.0	-5027.4	9109	10.0	145947.0	-5043.6	9199	10.0	150556.8	-5016.1
9020	10.0	145415.7	-5030.6	9110	10.0	145952.2	-5034.4	9200	9.6	150556.0	-5052.2
9021	9.9	145416.6	-5050.8	9111	10.0	145952.6	-5016.9	9201	10.0	150602.8	-5033.6
9022	9.9	145418.6	-5032.6	9112	8.8	145958.8	-5012.3	9202	10.0	150603.2	-5037.9
9023	10.0	145420.5	-5017.3	9113	9.1	145959.9	-5041.4	9203	10.0	150612.0	-5016.3
9024	10.0	145421.5	-5007.2	9114	10.0	150002.8	-5054.2	9204	10.0	150613.2	-5035.7
9025	10.0	145428.0	-5049.6	9115	10.0	150004.1	-5025.4	9205	9.6	150613.2	-5029.2
9026	10.0	145428.2	-5001.6	9116	9.8	150015.1	-5046.3	9206	10.0	150615.8	-5018.2
9027	10.0	145428.2	-5033.3	9117	9.8	150016.7	-5026.7	9207	10.0	150617.8	-5055.2
9028	10.0	145433.6	-5056.4	9118	8.0	150018.9	-5022.7	9208	10.0	150619.6	-5018.2
9029	10.0	145441.0	-5045.0	9119	10.0	150037.0	-5036.2	9209	10.0	150638.3	-5059.3
9030	10.0	145444.0	-5030.0	9120	10.0	150039.1	-5045.6	9210	10.0	150642.6	-5036.5
9031	10.0	145447.4	-5036.8	9121	9.9	150041.5	-5047.2	9211	9.6	150648.4	-5001.0
9032	10.0	145449.5	-5052.8	9122	9.5	150046.1	-5052.1	9212	10.0	150652.0	-5048.3
9033	10.0	145454.0	-5021.2	9123	10.0	150050.8	-5045.6	9213	10.0	150700.2	-5032.3
9034	10.0	145454.4	-5050.8	9124	10.0	150051.3	-5054.3	9214	10.0	150709.7	-5053.8
9035	10.0	145455.2	-5022.6	9125	9.9	150100.0	-5034.2	9215	10.0	150710.9	-5038.0
9036	10.0	145500.2	-5024.4	9126	8.3	150107.0	-5021.0	9216	10.0	150711.5	-5012.4
9037	9.9	145500.5	-5028.6	9127	10.0	150121.1	-5016.0	9217	10.0	150713.2	-5033.1
9038	10.0	145501.7	-5029.6	9128	10.0	150129.8	-5012.1	9218	10.0	150717.3	-5026.1
9039	10.0	145503.0	-5038.4	9129	10.0	150130.0	-5014.9	9219	10.0	150718.1	-5008.0
9040	9.9	145503.6	-5006.7	9130	10.0	150136.7	-5031.1	9220	10.0	150718.1	-5051.3
9041	9.5	145504.8	-5046.0	9131	9.2	150143.0	-5015.8	9221	10.0	150721.0	-5022.7
9042	10.0	145513.5	-5025.4	9132	10.0	150147.6	-5044.4	9222	10.0	150725.0	-5046.8
9043	10.0	145514.4	-5019.0	9133	10.0	150147.7	-5031.5	9223	9.9	150731.2	-5048.8
9044	10.0	145520.6	-5036.4	9134	10.0	150153.6	-5010.5	9224	9.4	150731.9	-5006.4
9045	9.4	145521.4	-5050.1	9135	10.0	150155.5	-5048.0	9225	10.0	150742.2	-5037.5
9046	9.9	145522.4	-5001.2	9136	10.0	150201.6	-5035.6	9226	10.0	150746.8	-5055.3
9047	10.0	145527.2	-5054.4	9137	10.0	150203.2	-5046.6	9227	10.0	150749.2	-5053.3
9048	10.0	145527.5	-5008.2	9138	9.5	150205.3	-5001.4	9228	10.0	150751.1	-5057.8
9049	10.0	145531.4	-5011.4	9139	10.0	150208.5	-5054.5	9229	10.0	150752.6	-5054.2
9050	10.0	145534.0	-5015.0	9140	10.0	150209.5	-5025.1	9230	8.0	150753.2	-5035.1
9051	10.0	145534.6	-5050.6	9141	9.9	150211.3	-5049.5	9231	10.0	150754.3	-5031.9
9052	10.0	145538.2	-5013.8	9142	10.0	150211.8	-5027.4	9232	10.0	150755.0	-5038.4
9053	10.0	145539.2	-5036.0	9143	9.6	150212.0	-5025.0	9233	10.0	150758.2	-5024.0
9054	10.0	145544.1	-5043.1	9144	9.8	150215.2	-5031.4	9234	10.0	150758.3	-5014.3
9055	10.0	145545.1	-5035.4	9145	10.0	150215.9	-5015.5	9235	10.0	150802.6	-5002.0
9056	10.0	145550.1	-5028.6	9146	10.0	150224.0	-5013.5	9236	10.0	150806.7	-5055.3
9057	10.0	145551.2	-5015.0	9147	9.8	150225.7	-5003.9	9237	9.6	150811.0	-5003.0
9058	10.0	145552.8	-5015.8	9148	9.6	150231.0	-5056.6	9238	10.5	150815.6	-5049.3
9059	8.3	145556.4	-5045.6	9149	9.6	150240.4	-5048.1	9239	9.4	150815.9	-5054.2
9060	10.0	145606.1	-5046.1	9150	10.5	150240.6	-5013.3	9240	10.0	150820.0	-5008.3
9061	10.0	145616.5	-5050.8	9151	8.0	150242.5	-5035.1	9241	9.5	150822.1	-5049.8
9062	10.0	145627.9	-5002.8	9152	9.4	150247.4	-5033.8	9242	9.6	150829.6	-5011.0
9063	10.0	145628.3	-5003.8	9153	10.0	150247.7	-5022.8	9243	10.0	150841.9	-5047.4
9064	10.0	145638.1	-5040.1	9154	10.0	150250.6	-5012.9	9244	10.0	150845.0	-5052.1
9065	10.0	145639.9	-5055.3	9155	10.0	150252.1	-5036.1	9245	9.9	150852.7	-5058.4
9066	10.0	145645.5	-5016.1	9156	9.9	150252.2	-5015.9	9246	10.0	150859.4	-5032.2
9067	10.0	145652.0	-5041.6	9157	10.0	150258.0	-5052.5	9247	10.0	150859.9	-5040.8
9068	9.7	145656.2	-5058.1	9158	10.0	150259.7	-5030.9	9248	10.0	150901.2	-5015.0
9069	10.0	145658.3	-5002.8	9159	10.0	150324.1	-5057.6	9249	10.0	150902.7	-5048.4
9070	10.0	145700.1	-5029.4	9160	10.0	150325.3	-5023.9	9250	10.0	150909.6	-5057.6
9071	8.1	145704.4	-5003.6	9161	10.0	150326.8	-5030.0	9251	10.0	150910.1	-5028.2
9072	10.0	145706.1	-5026.5	9162	10.0	150327.2	-5035.0	9252	10.0	150911.8	-5038.3
9073	10.0	145709.8	-5036.2	9163	10.0	150334.1	-5012.3	9253	10.0	150915.2	-5057.1
9074	10.0	145715.2	-5057.6	9164	8.8	150334.5	-5047.0	9254	10.0	150921.2	-5054.4
9075	10.0	145716.0	-5052.0	9165	10.0	150337.7	-5040.2	9255	10.0	150922.0	-5021.1
9076	10.0	145716.2	-5040.9	9166	10.0	150339.1	-5044.2	9256	8.2	150927.4	-5028.5
9077	10.0	145718.2	-5044.8	9167	10.0	150339.7	-5025.6	9257	9.8	150930.6	-5019.0
9078	9.8	145729.6	-5038.4	9168	10.0	150340.5	-5013.2	9258	10.0	150942.4	-5015.0
9079	10.0	145735.6	-5005.8	9169	10.0	150344.8	-5008.2	9259	8.9	150945.0	-5010.4
9080	9.0	145739.3	-5031.0	9170	9.8	150354.2	-5046.2	9260	9.9	150946.6	-5028.9
9081	9.3	145801.7	-5030.0	9171	10.0	150355.6	-5038.7	9261	9.9	150950.0	-5030.0
9082	10.5	145802.4	-5038.0	9172	10.0	150358.2	-5044.7	9262	10.0	150952.6	-5039.5
9083	10.0	145804.4	-5006.9	9173	10.0	150358.8	-5017.0	9263	10.0	150955.1	-5049.0
9084	9.0	145808.3	-5058.2	9174	10.0	150403.5	-5031.6	9264	10.0	151004.6	-5032.4
9085	10.0	145809.1	-5038.2	9175	10.0	150404.5	-5049.2	9265	10.0	151015.5	-5056.8
9086	9.9	145821.9	-5022.5	9176	10.0	150405.8	-5026.0	9266	10.0	151018.8	-5055.2
9087	10.0	145823.6	-5050.4	9177	9.6	150410.0	-5015.6	9267	10.0	151023.3	-5038.4
9088	9.5	145830.2	-5052.2	9178	10.0	150412.6	-5056.7	9268	10.0	151023.5	-5028.1
9089	9.9	145833.1	-5018.8	9179	10.0	150422.9	-5027.2	9269	10.0	151024.6	-5039.0
9090	10.0	145835.9	-5036.0	9180	10.0	150435.8	-5021.9	9270	9.0	151030.0	-5029.3
9271	10.0	151032.6	-5056.4								
9272	10.0	151036.4	-5027.4								
9273	10.0	151051.5	-5057.6								
9274	10.0	151058.0	-5047.5								
9275	10.0	151100.7	-5034.0								
9276	9.9	151104.2	-5032.4								
9277	10.0	151104.3	-5026.2								
9278	10.0	151104.6	-5037.4								
9279	10.0	151113.9	-5041.6								
9280	10.0	151114.6	-5048.0								
9281	10.0	151117.6	-5025.2								
9282	10.0	151119.3	-5058.6								
9283	9.8	151121.1	-5046.5								
9284	9.9	151122.2	-5026.7								
9285	10.0	151124.4	-5007.7								
9286	9.9	151126.2	-5038.5								
9287	10.0	151133.1	-5010.6								
9288	9.8	151142.0	-5027.4								
9289	10.0	151147.2	-5041.7								
9290	10.0	151148.5	-5031.0								
9291	10.0	151149.7	-5053.4								
9292	9.6	151203.3	-5049.0								
9293	10.0	151213.5	-5030.5								
9294	10.0	151225.8	-5011.6								
9295	10.0	151229.5	-5036.5								
9296	10.0	151229.8	-5009.8								
9297	10.0	151236.0	-5006.3								
9298	10.0	151236.4	-5010.6								
9299	9.4	151237.7	-5026.7								
9300	10.0	151246.2	-5059.5								
9301	9.9	151257.1	-5001.3								
9302	10.0	151258.6	-5004.6								
9303	10.0	151258.7	-5017.0								
9304	10.0	151300.0	-5053.4								
9305	10.0	151301.8	-5059.4								
9306	11.0	151304.3	-5033.1								
9307	10.0	151304.8	-5055.5								
9308	11.0	151305.8	-5012.4								
9309	9.4	151308.8	-5009.5								
9310	10.0	151314.1	-5008.2								
9311	9.4	151318.1	-5047.4								
9312	9.6	151320.0	-5058.4								
9313	10.0	151320.7	-5045.4								
9314	10.0	151322.8	-5022.9								
9315	9.6	151325.2	-5023.7								
9316	9.9	151325.4	-5032.0								
9317	10.0	151327.0	-5032.5								
9318	9.6	151330.9	-5006.0								
9319	10.0	151331.9	-5001.0								
9320	10.0	151335.8	-5044.9								
9321	10.0	151336.6	-5028.6								
9322	10.0	151341.8	-5029.8								
9323	10.0	151342.4	-5056.6								
9324	10.0	151343.0	-5006.1								
9325	9.8	151346.1	-5051.4								
9326	9.9	151348.9	-5053.4								
9327	10.0	151352.2	-5010.4								
9328	10.0	151353.3	-5058.5								
9329	10.0	151402.2	-5009.2								
9330	8.8	151402.8	-5041.4								
9331	10.0	151403.8	-5016.8								
9332	10.0	151417.6	-5048.0								
9333	10.0	151420.3	-5010.8								
9334	10.0	151421.9	-5005.3								
9335	10.0	151425.9	-5006.6								
9336	10.0	151428.5	-5044.6								
9337	10.0	151428.6	-5055.9								
9338	10.0	151431.7	-5053.8								
9339	9.7	151432.4	-5026.6								
9340	10.0	151432.6	-5035.0								
9341	10.0	151437.0	-5057.6								
9342	10.0	151438.0	-5001.4								
9343	10.0	151438.3	-5056.0								
9344	10.0	151452.0	-5012.0								
9345	10.0	151452.6	-5022.1								
9346	9.9	151453.0	-5045.2								
9347	9.7	151455.1	-5032.6								
9348	10.0	151455.3	-5002.2								
9349	10.0	151458.0	-5009.6								
9350	9.8	151459.6	-5050.6								
9351	8.8	151459.7	-5025.5								
9352	9.5	151501.7	-5051.6								
9353	9.6	151501.8	-5002.4								
9354	10.4	151508.0	-5012.3								
9355	10.0	151514.0	-5051.0								
9356	10.0	151516.6	-5053.4								
9357	11.0	151526.0	-5015.8								
9358	11.0	151528.0	-5018.3								
9359	11.0	151530.0	-5016.8								
9360	9.4	151531.3	-5029.1								

9361	10.0	151533.7	-5043.0	9451	9.4	151947.3	-5043.3	9541	10.0	152341.7	-5049.4
9362	10.0	151533.9	-5035.8	9452	10.0	151948.8	-5031.0	9542	10.0	152342.6	-5024.6
9363	10.0	151538.1	-5030.3	9453	10.0	151951.0	-5014.9	9543	10.0	152345.2	-5005.6
9364	10.0	151540.0	-5043.6	9454	10.0	151953.3	-5022.0	9544	10.0	152354.5	-5040.7
9365	10.0	151551.9	-5032.6	9455	9.4	151954.0	-5034.6	9545	10.0	152405.5	-5017.9
9366	10.0	151553.4	-5032.0	9456	11.0	151955.0	-5024.5	9546	10.0	152406.0	-5039.2
9367	10.0	151557.0	-5054.8	9457	10.0	151959.1	-5045.8	9547	10.0	152406.7	-5049.2
9368	10.0	151557.0	-5051.0	9458	10.0	152000.0	-5015.3	9548	9.6	152412.8	-5055.8
9369	10.0	151559.2	-5039.0	9459	10.0	152007.8	-5023.6	9549	9.0	152417.9	-5009.1
9370	10.0	151600.2	-5052.5	9460	9.8	152009.5	-5005.2	9550	10.0	152420.0	-5053.6
9371	8.9	151607.0	-5041.5	9461	9.3	152010.0	-5000.7	9551	10.0	152420.2	-5045.8
9372	9.7	151608.2	-5006.6	9462	9.8	152010.9	-5053.7	9552	10.0	152421.0	-5054.3
9373	10.0	151616.2	-5045.6	9463	8.9	152012.2	-5047.6	9553	10.0	152423.8	-5051.2
9374	9.0	151617.0	-5051.1	9464	9.8	152018.1	-5030.9	9554	9.2	152427.3	-5036.2
9375	11.0	151619.0	-5053.9	9465	9.3	152019.8	-5049.4	9555	10.0	152427.6	-5057.2
9376	10.0	151619.2	-5012.2	9466	10.0	152020.2	-5019.2	9556	10.0	152428.4	-5031.7
9377	10.4	151621.0	-5034.4	9467	7.5	152025.4	-5057.2	9557	9.9	152435.5	-5024.8
9378	10.0	151629.4	-5050.1	9468	7.9	152027.1	-5017.9	9558	10.0	152439.0	-5016.4
9379	10.0	151629.8	-5022.1	9469	8.8	152027.3	-5049.7	9559	10.0	152439.5	-5009.8
9380	10.0	151630.2	-5042.0	9470	9.9	152032.0	-5038.6	9560	10.0	152439.8	-5045.8
9381	10.0	151630.3	-5048.4	9471	10.0	152033.0	-5050.0	9561	10.0	152441.0	-5001.8
9382	10.0	151631.6	-5058.0	9472	10.0	152034.2	-5045.0	9562	9.9	152442.7	-5045.8
9383	7.3	151632.9	-5053.6	9473	10.0	152034.8	-5027.4	9563	10.5	152450.6	-5034.9
9384	10.0	151634.9	-5031.8	9474	9.2	152036.5	-5048.8	9564	10.0	152451.0	-5045.1
9385	10.0	151640.0	-5032.8	9475	10.0	152036.5	-5047.8	9565	9.8	152451.0	-5025.0
9386	10.0	151641.6	-5037.1	9476	9.9	152036.6	-5029.6	9566	10.0	152502.1	-5022.4
9387	9.9	151643.0	-5028.2	9477	9.7	152039.3	-5030.6	9567	9.7	152503.1	-5048.8
9388	9.9	151656.5	-5026.8	9478	10.5	152040.6	-5049.7	9568	9.4	152503.3	-5025.7
9389	10.0	151659.2	-5039.1	9479	10.0	152046.0	-5033.6	9569	8.0	152514.4	-5026.1
9390	9.6	151659.6	-5054.1	9480	10.0	152051.0	-5014.5	9570	10.0	152517.3	-5035.8
9391	10.0	151701.1	-5038.6	9481	9.7	152052.4	-5021.3	9571	9.3	152521.7	-5040.7
9392	9.5	151701.2	-5003.8	9482	10.0	152052.7	-5025.7	9572	10.0	152526.6	-5048.8
9393	10.0	151704.6	-5028.3	9483	9.5	152055.1	-5002.2	9573	9.7	152529.0	-5044.1
9394	10.5	151705.0	-5052.7	9484	10.0	152055.4	-5051.4	9574	10.0	152536.3	-5035.2
9395	9.0	151705.4	-5021.1	9485	10.0	152056.2	-5050.0	9575	9.7	152538.0	-5006.9
9396	10.5	151707.0	-5052.4	9486	10.0	152057.0	-5043.5	9576	10.0	152541.0	-5001.8
9397	10.0	151711.9	-5002.1	9487	9.3	152057.0	-5005.2	9577	10.0	152542.3	-5045.0
9398	10.0	151713.5	-5058.0	9488	9.9	152058.0	-5021.2	9578	9.9	152544.3	-5010.5
9399	9.6	151714.4	-5059.6	9489	9.0	152059.7	-5040.4	9579	9.6	152545.5	-5018.7
9400	10.0	151718.6	-5002.3	9490	9.7	152100.8	-5009.6	9580	10.0	152550.8	-5031.2
9401	10.0	151719.0	-5048.1	9491	9.6	152101.6	-5027.2	9581	9.5	152553.3	-5001.5
9402	10.0	151719.2	-5033.5	9492	10.0	152117.0	-5053.0	9582	10.0	152554.3	-5045.8
9403	10.0	151724.0	-5023.9	9493	10.0	152117.5	-5003.2	9583	10.0	152556.2	-5034.6
9404	10.0	151737.2	-5058.1	9494	9.1	152118.3	-5043.6	9584	10.0	152557.5	-5052.4
9405	9.8	151740.2	-5027.1	9495	9.1	152119.4	-5040.6	9585	10.0	152558.4	-5055.8
9406	9.8	151750.0	-5018.5	9496	10.0	152120.0	-5048.6	9586	9.7	152609.7	-5034.2
9407	10.0	151751.0	-5020.5	9497	10.0	152120.0	-5006.2	9587	10.0	152610.7	-5032.0
9408	10.0	151752.0	-5056.6	9498	9.9	152124.0	-5021.2	9588	10.0	152612.1	-5020.2
9409	9.8	151754.1	-5025.4	9499	10.0	152128.2	-5021.4	9589	10.0	152615.3	-5018.7
9410	10.0	151758.8	-5043.5	9500	9.3	152130.9	-5053.7	9590	10.0	152615.8	-5004.8
9411	9.9	151759.8	-5014.2	9501	10.0	152133.3	-5022.8	9591	10.0	152616.9	-5042.2
9412	10.0	151806.8	-5037.0	9502	10.0	152134.6	-5009.2	9592	10.0	152618.4	-5054.6
9413	9.4	151810.0	-5025.0	9503	10.0	152150.0	-5029.8	9593	10.0	152618.5	-5059.4
9414	9.5	151813.7	-5029.2	9504	10.0	152150.6	-5032.9	9594	10.0	152622.5	-5014.8
9415	10.0	151814.0	-5025.6	9505	9.2	152157.1	-5052.7	9595	10.0	152623.6	-5046.7
9416	10.0	151818.8	-5034.9	9506	10.0	152158.8	-5022.5	9596	10.0	152624.1	-5051.8
9417	9.4	151819.8	-5005.4	9507	10.0	152159.5	-5024.1	9597	9.8	152632.5	-5019.9
9418	10.0	151823.0	-5035.6	9508	10.5	152200.0	-5019.3	9598	10.0	152639.4	-5036.3
9419	10.0	151826.1	-5055.6	9509	9.1	152206.0	-5004.6	9599	9.9	152639.8	-5049.6
9420	9.4	151826.1	-5040.6	9510	10.0	152209.4	-5045.6	9600	9.7	152641.2	-5047.7
9421	10.0	151828.0	-5056.2	9511	10.0	152211.6	-5007.2	9601	10.0	152643.3	-5018.0
9422	9.7	151833.4	-5006.2	9512	10.0	152218.5	-5050.2	9602	10.0	152643.7	-5006.4
9423	10.0	151838.4	-5043.8	9513	10.0	152219.9	-5049.1	9603	9.7	152644.6	-5019.0
9424	10.0	151839.3	-5031.2	9514	10.0	152223.3	-5042.6	9604	10.0	152646.6	-5049.8
9425	10.0	151839.9	-5050.5	9515	10.0	152228.6	-5033.8	9605	10.0	152648.5	-5015.0
9426	10.0	151841.8	-5012.5	9516	10.0	152228.9	-5039.5	9606	9.8	152653.0	-5049.8
9427	10.0	151843.2	-5009.1	9517	9.6	152231.9	-5026.9	9607	9.7	152653.5	-5028.9
9428	9.8	151847.8	-5056.4	9518	10.0	152234.3	-5050.8	9608	10.0	152654.0	-5054.0
9429	10.0	151855.0	-5051.6	9519	9.5	152234.7	-5013.9	9609	9.8	152654.0	-5002.0
9430	9.4	151858.1	-5018.5	9520	9.5	152235.7	-5004.4	9610	9.2	152654.3	-5038.1
9431	9.4	151859.9	-5057.6	9521	10.0	152239.5	-5042.7	9611	10.0	152702.3	-5016.4
9432	10.0	151900.5	-5028.5	9522	8.0	152251.7	-5030.9	9612	9.3	152708.3	-5014.4
9433	20.0	151901.1	-5014.1	9523	10.0	152301.7	-5006.8	9613	10.0	152717.5	-5003.9
9434	10.0	151903.8	-5056.9	9524	10.0	152303.5	-5030.8	9614	10.0	152719.3	-5037.8
9435	10.0	151907.6	-5043.6	9525	10.0	152308.7	-5035.4	9615	10.0	152720.5	-5040.3
9436	10.0	151911.0	-5009.5	9526	10.0	152309.4	-5055.0	9616	10.0	152723.6	-5015.8
9437	10.0	151924.4	-5058.5	9527	7.6	152312.4	-5026.4	9617	9.8	152727.9	-5046.6
9438	9.5	151924.7	-5056.6	9528	10.0	152314.7	-5008.0	9618	9.9	152730.3	-5042.4
9439	9.2	151926.5	-5042.2	9529	10.0	152316.5	-5059.4	9619	10.0	152734.6	-5033.9
9440	9.9	151926.6	-5024.0	9530	10.0	152318.5	-5008.2	9620	9.8	152738.2	-5022.0
9441	10.0	151931.2	-5006.3	9531	8.1	152320.4	-5013.6	9621	9.8	152739.0	-5033.5
9442	10.0	151931.8	-5044.7	9532	10.0	152322.0	-5055.9	9622	9.8	152739.5	-5036.8
9443	10.0	151932.4	-5057.0	9533	9.2	152324.1	-5038.8	9623	10.0	152747.8	-5010.6
9444	10.0	151933.0	-5044.3	9534	9.3	152326.3	-5053.2	9624	10.0	152754.5	-5011.9
9445	10.0	151933.2	-5010.7	9535	9.5	152327.5	-5031.9	9625	10.0	152757.1	-5020.9
9446	9.8	151934.8	-5018.6	9536	10.5	152330.0	-5026.9	9626	10.0	152757.3	-5003.0
9447	10.0	151936.8	-5047.7	9537	10.0	152331.5	-5039.4	9627	10.0	152759.4	-5025.9
9448	10.0	151940.0	-5023.9	9538	10.0	152332.5	-5039.7	9628	10.0	152759.6	-5041.8
9449	9.6	151943.6	-5027.8	9539	10.0	152337.5	-5058.8	9629	10.0	152759.6	-5009.1
9450	10.0	151944.5	-5007.7	9540	10.0	152340.0	-5014.9	9630	10.0	152800.9	-5035.9
9541	10.0	152341.7	-5049.4	9631	9.9	152805.2	-5011.0
9542	10.0	152342.6	-5024.6	9632	9.1	152811.7	-5018.8
9543	10.0	152345.2	-5005.6	9633	9.1	152815.3	-5020.5
9544	10.0	152354.5	-5040.7	9634	10.0	152819.2	-5049.3
9545	10.0	152405.5	-5017.9	9635	10.0	152821.9	-5015.4
9546	10.0	152406.0	-5039.2	9636	10.0	152826.2	-5033.9
9547	10.0	152406.7	-5049.2	9637	9.9	152826.3	-5004.0
9548	9.6	152412.8	-5055.8	9638	9.9	152831.5	-5019.5
9549	9.0	152417.9	-5009.1	9639	10.0	152832.8	-5054.5
9550	10.0	152420.0	-5053.6	9640	9.9	152839.4	-5003.9
9551	10.0	152420.2	-5045.8	9641	9.9	152843.0	-5004.9
9552	10.0	152421.0	-5054.3	9642	9.8	152844.6	-5043.9
9553	10.0	152423.8	-5051.2	9643	10.0	152850.5	-5045.3
9554	9.2	152427.3	-5036.2	9644	10.0	152900.2	-5005.8
9555	10.0	152427.6	-5057.2	9645	10.0	152900.5	-5005.3
9556	10.0	152428.4	-5031.7	9646	10.0	152901.8	-5047.4
9557	9.9	152435.5	-5024.8	9647	10.0	152904.5	-5005.6
9558	10.0	152439.0	-5016.4	9648	10.0	152905.3	-5016.8
9559	10.0	152439.5	-5009.8	9649	9.9	152905.4	-5055.3
9560	10.0	152439.8	-5045.8	9650	10.0	152913.3	-5033.7
9561	10.0	152441.0	-5001.8	9651	10.0	152915.3	-5007.9
9562	9.9	152442.7	-5045.8	9652	10.0	152915.5	-5049.6
9563	10.5	152450.6	-5034.9	9653	10.0	152916.7	-5019.8
9564	10.0	152451.0	-5045.1	9654	10.0	152919.7	-5032.3
9565	9.8	152451.0	-5025.0	9655	9.9	152919.9	-5007.0
9566	10.0	152502.1	-5022.4	9656	9.5	152924.3	-5001.6
9567	9.7	152503.1	-5048.8	9657	10.0	152926.2	-5029.1
9568	9.4	152503.3	-5025.7	9658	10.0	152928.0	-5043.9
9569	8.0	152514.4	-5026.1	9659	10.0	152932.0	-5025.5
9570	10.0	152517.3	-5035.8	9660	10.0	152940.6	-5015.0
9571	9.3	152521.7	-5040.7	9661	9.9	152941.5	-5009.7
9572	10.0	152526.6	-5048.8	9662	9.6	152942.4	-5033.9
9573	9.7	152529.0	-5044.1	9663	10.0	152943.5	-5016.8
9574	10.0	152536.3	-5035.2	9664	9.5	152944.0	-5002.0
9575	9.7	152538.0	-5006.9	9665	8.5	152954.0	-5050.0
9576	10.0	152541.0	-5001.8	9666	10.0	152954.1	-5030.4
9577	10.0	152542.3	-5045.0	9667	9.9	152958.8	-5009.0
9578	9.9	152544.3	-5010.5	9668	9.8	153001.6	-5032.3
9579	9.6	152545.5	-5018.7	9669	9.9	153004.8	-5002.0
9580	10.0	152550.8	-5031.2	9670	10.0	153005.8	-5011.0
9581	9.5	152553.3	-5001.5	9671	10.0	153008.6	-5016.7
9582	10.0	152554.3	-5045.8	9672	10.0	153009.8	-5017.1
9583	10.0	152556.2	-5034.6	9673	10.0	153010.4	-5028.6
9584	10.0	152557.5	-5052.4	9674	10.0	153016.5	-5019.1
9585	10.0	152558.4	-5055.8	9675	10.0	153016.8	-5057.2
9586	9.7	152609.7	-5034.2	9676	8.2	153017.8	-5039.4
9587	10.0	152610.7	-5032.0	9677	10.0	153023.0	-5036.6
9588	10.0	152612.1	-5020.2	9678	10.0	153027.3	-5050.0
9589	10.0	152615.3	-5018.7	9679	10.0	153030.8	-5009.0
9590	10.0	152615.8	-5004.8	9680	10.0	153031.6	-5002.1
9591	10.0	152616.9	-5042.2	9681	10.0	153039.5	-5052.2
9592	10.0	152618.4	-5054.6	9682	9.5	153040.8	-5029.6
9593	10.0	152618.5	-5059.4	9683	9.6	153044.4	-5002.1
9594	10.0	152622.5	-5014.8	9684	10.0	153046.8	-5059.4
9595	10.0	152623.6	-5046.7	9685	10.0	153049.4	-5049.2
9596	10.0	152624.1	-5051.8	9686	10.0	153051.4	-5009.3
9597	9.8	152632.5	-5019.9	9687	10.0	153056.3	-5028.6
9598	10.0	152639.4	-5036.3	9688	10.0	153056.7	-5036.0
9599	9.9	152639.8	-5049.6	9689	10.0	153057.9	-5038.5
9600	9.7	152641.2	-5047.7	9690	9.5	153058.3	-5055.8
9601	10.0	152643.3	-5018.0	9691	10.0	153103.6	-5037.0
9602	10.0	152643.7	-5006.4	9692	8.8	153104.0	-5003.6
9603	9.7	152644.6	-5019.0	9693	10.0	153106.1	-5051.9
9604	10.0	152646.6	-5049.8	9694	10.0	153107.8	-5044.0
9605	10.0	152648.5	-5015.0	9695	9.9	153108.3	-5026.5
9606	9.8	152653.0	-5049.8	9696	10.0	153108.8	-5011.5
9607	9.7	152653.5	-5028.9	9697	10.0	153109.0	-5045.0
9608	10.0	152654.0	-5054.0	9698	10.0	153118.4	-5022.5
9609	9.8	152654.0	-5002.0	9699	10.0	153119.6	-5017.2
9610	9.2	152654.3	-5038.1	9700	9.9	153121.2	-5055.0
9611	10.0	152702.3	-5016.4	9701	10.0	153124.7	-5033.0
9612	9.3	152708.3	-5014.4	9702	9.8	153125.0	-5033.9
9613	10.0	152717.5	-5003.9	9703	10.0	153125.8	-5036.0
9614	10.0	152719.3	-5037.8	9704	10.0	153127.5	-5023.1
9615	10.0	152720.5	-5040.3	9705	10.0	153129.0	-5031.0
9616	10.0	152723.6	-5015.8	9706	9.6	153130.8	-5004.4
9617	9.8	152727.9	-5046.6	9707	10.0	153132.6	-5015.0
9618	9.9	152730.3	-5042.4	9708	10.0	153132.9	-5031.1
9619	10.0	152734.6	-5033.9	9709	10.0	153134.1	-5043.0
9620	9.8	152738.2	-5022.0	9710	10.0	153140.8	-5042.6
9621	9.8	152739.0	-5033.5	9711	9.8	153141.5	-5005.1
9622	9.8	152739.5	-5036.8	9712	10.0	153200.7	-5028.0
9623	10.0	152747.8	-5010.6	9713	10.0	153200.8	-5012.0
9624	10.0	152754.5	-5011.9	9714	10.0	153209.0	-5012.9
9625	10.0	152757.1	-5020.9	9715	10.0	153210.8	-5029.0
9626	10.0	152757.3	-5003.0	9716	9.9	153211.0	-5041.2
9627	10.0	152759.4	-5025.9	9717	9.1	153215.4	-5046.9
9628	10.0	152759.6	-5041.8	9718	9.8	153215.8	-5059.0
9629	10.0	152759.6	-5009.1	9719	10.0	153218.0	-5002.1
9630	10.0	152800.9	-5035.9	9720	10.0	153219.0	-5040.0

-50 9721 15h32m

-5010080 15h53m

9721	10.0	153219.7	-5007.1	9811	10.0	153709.4	-5056.8	9901	10.0	154145.4	-5057.2	9991	9.8	154641.8	-5030.4
9722	10.0	153222.4	-5004.0	9812	10.0	153710.4	-5005.0	9902	9.6	154148.8	-5021.4	9992	9.9	154658.0	-5008.5
9723	10.0	153232.0	-5015.0	9813	10.0	153717.6	-5044.5	9903	10.0	154149.6	-5017.9	9993	10.0	154703.4	-5025.0
9724	10.0	153233.4	-5021.6	9814	9.6	153718.9	-5042.8	9904	10.0	154152.4	-5006.3	9994	10.0	154707.3	-5035.8
9725	10.0	153236.0	-5018.6	9815	9.6	153719.6	-5016.3	9905	9.3	154152.6	-5022.4	9995	10.0	154707.3	-5020.2
9726	10.0	153237.6	-5058.9	9816	10.0	153722.9	-5036.1	9906	10.0	154156.4	-5045.2	9996	10.0	154707.4	-5021.3
9727	10.0	153239.3	-5011.1	9817	10.0	153723.8	-5005.3	9907	10.0	154157.3	-5048.3	9997	10.0	154715.7	-5047.6
9728	10.0	153246.9	-5049.3	9818	10.0	153730.0	-5059.1	9908	10.0	154158.0	-5050.3	9998	9.4	154718.7	-5046.9
9729	10.0	153252.0	-5032.7	9819	10.0	153733.8	-5039.2	9909	10.0	154159.2	-5054.4	9999	10.0	154724.7	-5007.0
9730	10.0	153252.6	-5030.0	9820	10.0	153736.6	-5034.1	9910	10.0	154159.2	-5035.2	10000	9.6	154727.9	-5005.8
9731	9.9	153256.8	-5003.6	9821	10.0	153742.0	-5016.0	9911	10.0	154204.6	-5040.6	10001	10.0	154730.7	-5022.0
9732	10.0	153259.0	-5054.1	9822	9.8	153744.5	-5044.6	9912	10.0	154204.8	-5002.4	10002	10.0	154732.1	-5040.8
9733	10.0	153300.2	-5000.6	9823	10.0	153745.5	-5023.8	9913	10.0	154206.4	-5056.8	10003	10.0	154732.6	-5055.4
9734	10.0	153300.3	-5047.1	9824	10.0	153748.4	-5027.1	9914	10.0	154208.6	-5051.2	10004	10.0	154737.4	-5001.4
9735	10.0	153300.8	-5033.4	9825	10.0	153750.3	-5007.2	9915	9.5	154211.4	-5055.8	10005	10.0	154742.6	-5017.0
9736	10.0	153301.8	-5021.7	9826	9.5	153751.2	-5043.5	9916	10.0	154212.0	-5046.3	10006	10.0	154745.8	-5017.0
9737	10.0	153304.3	-5032.0	9827	9.8	153751.7	-5021.3	9917	10.0	154212.2	-5053.2	10007	9.1	154749.5	-5009.5
9738	10.0	153313.1	-5044.5	9828	9.5	153752.0	-5035.2	9918	10.0	154220.5	-5024.4	10008	9.9	154757.4	-5047.0
9739	9.7	153321.0	-5039.4	9829	9.9	153753.2	-5034.4	9919	10.0	154229.2	-5036.3	10009	10.0	154803.3	-5013.5
9740	9.9	153328.7	-5014.8	9830	10.0	153753.9	-5007.4	9920	9.8	154230.2	-5031.4	10010	10.0	154805.0	-5008.9
9741	10.0	153331.9	-5011.1	9831	10.0	153754.6	-5025.1	9921	10.0	154231.2	-5034.4	10011	9.6	154810.4	-5039.4
9742	10.0	153333.8	-5023.6	9832	10.0	153800.6	-5015.4	9922	10.0	154234.0	-5027.4	10012	10.0	154811.7	-5026.4
9743	10.0	153339.4	-5057.0	9833	10.0	153801.3	-5036.1	9923	10.0	154234.8	-5057.2	10013	10.0	154813.1	-5005.0
9744	8.3	153341.7	-5046.1	9834	10.0	153802.4	-5007.3	9924	10.0	154235.6	-5017.4	10014	9.9	154831.7	-5028.0
9745	10.0	153347.3	-5017.2	9835	10.0	153807.1	-5046.7	9925	10.0	154244.8	-5013.4	10015	10.0	154844.0	-5053.0
9746	8.1	153347.7	-5055.1	9836	10.0	153809.0	-5051.2	9926	9.9	154248.4	-5005.4	10016	10.0	154848.1	-5049.4
9747	10.0	153348.0	-5020.9	9837	9.7	153812.1	-5028.2	9927	7.9	154249.9	-5045.4	10017	8.3	154851.4	-5018.5
9748	10.0	153352.9	-5037.0	9838	10.0	153814.3	-5042.0	9928	9.9	154300.1	-5033.8	10018	10.0	154853.3	-5031.5
9749	10.0	153355.1	-5004.1	9839	9.1	153815.5	-5041.6	9929	10.0	154300.4	-5012.4	10019	10.0	154855.3	-5045.7
9750	10.0	153357.4	-5050.6	9840	10.0	153816.0	-5057.9	9930	9.8	154304.6	-5057.6	10020	10.0	154858.0	-5012.2
9751	10.0	153358.4	-5018.8	9841	9.8	153818.6	-5023.9	9931	9.2	154305.2	-5058.8	10021	9.8	154901.5	-5040.4
9752	10.0	153400.9	-5057.2	9842	9.8	153822.9	-5048.4	9932	10.0	154306.4	-5008.4	10022	10.0	154911.4	-5001.5
9753	9.7	153401.8	-5021.8	9843	10.0	153825.0	-5045.4	9933	9.7	154318.8	-5023.0	10023	10.0	154913.2	-5033.9
9754	10.0	153403.0	-5005.0	9844	9.2	153828.7	-5002.2	9934	9.7	154321.2	-5005.4	10024	10.0	154916.2	-5029.2
9755	8.0	153404.0	-5042.7	9845	10.0	153828.8	-5028.5	9935	9.2	154329.5	-5056.4	10025	10.0	154916.4	-5006.4
9756	9.4	153405.4	-5045.4	9846	10.0	153829.4	-5014.8	9936	10.0	154329.6	-5036.4	10026	10.0	154928.8	-5001.1
9757	10.0	153408.8	-5050.8	9847	9.9	153833.4	-5029.6	9937	10.0	154333.9	-5043.3	10027	10.0	154930.6	-5042.3
9758	9.6	153412.8	-5031.6	9848	10.0	153834.4	-5059.0	9938	9.5	154335.9	-5029.4	10028	9.3	154933.0	-5031.8
9759	9.9	153416.8	-5018.1	9849	9.9	153834.5	-5002.2	9939	6.3	154338.7	-5014.0	10029	10.0	154934.4	-5054.1
9760	9.9	153417.3	-5029.7	9850	10.0	153840.7	-5035.4	9940	9.8	154339.0	-5043.4	10030	10.0	154935.1	-5027.2
9761	9.1	153419.2	-5039.4	9851	9.6	153843.2	-5016.4	9941	10.0	154346.0	-5051.4	10031	9.5	154941.3	-5055.0
9762	10.0	153428.5	-5052.2	9852	10.0	153855.4	-5026.1	9942	10.0	154354.2	-5034.2	10032	10.0	154941.7	-5059.2
9763	9.0	153432.0	-5012.3	9853	6.5	153855.8	-5012.0	9943	9.8	154356.2	-5032.8	10033	10.0	154942.7	-5037.4
9764	10.0	153434.8	-5048.4	9854	10.0	153856.2	-5029.6	9944	10.0	154401.9	-5059.2	10034	10.0	154949.5	-5005.8
9765	10.0	153439.4	-5043.3	9855	10.0	153902.2	-5027.3	9945	10.0	154404.7	-5025.5	10035	9.5	154953.2	-5003.6
9766	10.0	153441.5	-5007.2	9856	10.0	153903.5	-5025.9	9946	10.0	154407.4	-5016.4	10036	10.0	154959.8	-5006.2
9767	10.0	153441.8	-5056.5	9857	10.0	153906.1	-5015.3	9947	10.0	154422.0	-5034.6	10037	9.5	155003.8	-5009.4
9768	9.8	153449.0	-5011.2	9858	10.0	153906.8	-5057.6	9948	10.0	154425.8	-5053.3	10038	10.0	155006.2	-5018.2
9769	9.7	153449.5	-5022.2	9859	10.0	153908.1	-5032.6	9949	10.0	154426.0	-5017.4	10039	10.0	155007.7	-5017.6
9770	10.0	153451.1	-5009.3	9860	8.5	153911.6	-5011.4	9950	10.0	154427.2	-5031.3	10040	10.0	155008.8	-5022.3
9771	10.0	153456.4	-5009.6	9861	10.0	153930.1	-5019.2	9951	10.0	154431.8	-5055.3	10041	9.8	155009.8	-5037.0
9772	10.0	153457.3	-5038.8	9862	10.0	153941.4	-5032.4	9952	10.0	154432.4	-5011.4	10042	10.0	155011.6	-5057.8
9773	10.0	153503.0	-5049.3	9863	10.0	153944.6	-5008.4	9953	10.0	154437.9	-5047.2	10043	9.5	155012.1	-5059.4
9774	10.0	153527.0	-5058.8	9864	10.0	153946.5	-5017.9	9954	10.0	154440.0	-5023.5	10044	9.9	155018.1	-5017.6
9775	10.0	153530.0	-5011.8	9865	10.0	153952.0	-5026.3	9955	10.0	154443.9	-5024.8	10045	10.0	155022.0	-5004.6
9776	10.0	153530.6	-5023.8	9866	10.0	153955.3	-5051.3	9956	10.0	154448.5	-5038.3	10046	9.9	155025.7	-5004.1
9777	10.0	153530.9	-5022.1	9867	10.0	154001.6	-5007.3	9957	10.0	154449.0	-5030.1	10047	9.3	155029.2	-5044.4
9778	10.0	153533.2	-5006.3	9868	10.0	154005.2	-5024.4	9958	9.2	154453.0	-5052.3	10048	9.9	155029.4	-5047.0
9779	8.1	153534.4	-5040.5	9869	10.0	154006.4	-5041.3	9959	9.8	154453.4	-5031.3	10049	10.0	155031.0	-5017.6
9780	9.9	153537.4	-5059.2	9870	9.7	154012.8	-5014.4	9960	7.7	154455.6	-5006.9	10050	9.6	155032.1	-5007.5
9781	8.6	153537.5	-5037.1	9871	9.3	154016.6	-5029.0	9961	10.0	154456.3	-5043.3	10051	9.9	155034.9	-5001.9
9782	9.8	153541.8	-5043.2	9872	10.0	154017.4	-5000.3	9962	9.9	154457.0	-5042.4	10052	10.0	155041.4	-5033.5
9783	10.0	153543.0	-5058.0	9873	10.0	154018.5	-5001.4	9963	10.0	154507.6	-5028.4	10053	10.0	155044.3	-5006.7
9784	10.0	153546.6	-5048.0	9874	10.0	154026.2	-5026.3	9964	10.0	154508.8	-5030.9	10054	9.9	155045.1	-5005.2
9785	10.0	153546.9	-5031.2	9875	10.0	154029.6	-5004.3	9965	10.0	154509.2	-5025.2	10055	9.9	155048.6	-5001.7
9786	10.0	153549.1	-5054.6	9876	10.0	154033.4	-5036.3	9966	7.6	154513.6	-5051.6	10056	9.1	155104.2	-5030.2
9787	7.0	153549.9	-5023.2	9877	10.0	154038.8	-5000.4	9967	9.2	154521.3	-5035.4	10057	8.7	155105.6	-5045.4
9788	9.7	153555.9	-5003.2	9878	10.0	154039.3	-5047.6	9968	10.0	154521.3	-5007.5	10058	10.0	155122.7	-5054.4
9789	10.0	153556.9	-5007.0	9879	9.3	154045.4	-5021.2	9969	10.0	154521.6	-5023.0	10059	9.9	155122.8	-5010.7
9790	10.0	153559.4	-5028.1	9880	10.0	154046.2	-5051.5	9970	9.9	154521.7	-5011.8	10060	10.0	155125.3	-5055.4
9791	10.0	153602.4	-5031.6	9881	10.0	154049.2	-5034.8	9971	9.9	154525.8	-5033.3	10061	10.0	155126.8	-5019.6
9792	10.0	153610.1	-5050.9	9882	10.0	154050.9	-5017.4	9972	9.9	154529.8	-5042.3	10062	9.7	155133.7	-5002.7
9793	9.9	153610.6	-5029.1	9883	9.1	154053.8	-5008.7	9973	9.8	154530.2	-5042.4	10063	9.9	155150.9	-5021.4
9794	10.0	153611.9	-5039.5	9884	9.7	154056.1	-5044.3	9974	10.0	154533.2	-5056.4	10064	9.9	155157.9	-5047.0
9795	10.0	153613.4	-5034.5	9885	10.0	154103.7	-5026.2	9975	10.0	154543.0	-5052.5	10065	10.0	155159.8	-5016.4
9796	10.0	153624.9	-5014.8	9886	8.7	154106.2	-5021.9	9976	10.0	154550.7	-5011.8	10066	10.0	155201.0	-5030.6
9797	9.9	153632.6	-5049.1	9887	10.0	154107.4	-5001.5	9977	10.0	154550.8	-5016.7	10067	10.0	155202.8	-5019.7
9798	10.0	153634.0	-5037.0	9888	10.0	154110.0	-5001.9	9978	10.0	154607.6	-5022.6	10068	10.0	155216.7	-5021.4
9799	10.0	153635.9	-5007.0	9889	10.0	154112.0	-5021.4	9979	10.0	154607.8	-5005.5	10069	8.9	155221.3	-5035.5
9800	10.0	153638.1	-5053.7	9890	10.0	154114.8	-5010.2	9980	10.0	154609.3	-5015.4	10070	10.0	155224.3	-5045.4
9801	10.0	153640.5	-5005.0	9891	10.0	154115.6	-5003.3	9981	10.0	154616.0	-5042.1	10071	10.0	155230.6	-5032.5
9802	8.7	153641.9	-5008.3	9892	9.9	154117.9	-5029.4	9982	10.0	154619.8	-5032.4	10072	10.0	155236.6	-5040.4
9803	9.3	153649.4	-5026.2	9893	10.0	154119.6	-5014.1	9983	9.8	154620.7	-5027.1	10073	9.6	155237.6	-5057.3
9804	10.0	153649.8	-5029.3	9894	9.9	154120.1	-5032.0	9984	10.0	154621.2	-5000.0	10074	6.7	155243.8	-5045.9
9805	10.0	153655.6	-5052.1	9895	9.9	154122.2	-5031.3	9985	9.5	154625.7	-5046.4	10075	9.8	155245.8	-5018.0
9806	10.0	153656.3	-5005.2	9896	10.0	154127.8	-5003.3	9986	8.0	154626.3	-5045.4	10076	9.8	155300.7	-5036.7
9807	10.0	153658.8	-5053.2	9897	10.5	154129.1	-5009.5	9987	9.9	154632.3	-5032.4	10077	10.0	155308.0	-5002.4
9808	8.7	153703.2	-5031.2	9898	9.7	154132.5	-5007.4	9988	10.0	154636.1	-5005.5	10078	10.0	155312.5	-5039.0
9809	9.8	153703.5	-5020.3	9899	10.0	154136.2	-5012.6	9989	9.9	154636.6	-5035.3	10079	10.0	155313.6	-5014.8
9810	9.6	153704.7	-5019.3	9900	10.0	154142.2	-5008.4	9990	9.2	154638.7	-5010.4	10080	10.0	155321.9	-5015.4

10081	10.0	155326.3	-5031.3	10171	10.0	155955.4	-5017.5	10261	9.8	160503.5	-5001.0	10351	10.0	160849.2	-5047.3
10082	10.0	155333.6	-5029.0	10172	10.0	155956.3	-5027.6	10262	10.0	160512.3	-5016.9	10352	9.6	160849.4	-5051.9
10083	10.0	155337.4	-5039.3	10173	10.0	155959.6	-5042.6	10263	10.0	160515.3	-5029.0	10353	10.0	160905.2	-5016.6
10084	9.4	155342.4	-5058.8	10174	9.9	155959.6	-5007.6	10264	9.9	160515.3	-5059.9	10354	10.0	160906.0	-5057.2
10085	9.9	155343.6	-5042.0	10175	9.9	160001.8	-5005.9	10265	10.0	160516.5	-5015.5	10355	10.0	160906.6	-5058.7
10086	10.0	155349.1	-5033.6	10176	10.0	160002.4	-5051.6	10266	10.0	160521.4	-5039.9	10356	10.0	160909.8	-5009.0
10087	9.9	155351.0	-5036.8	10177	9.8	160022.3	-5044.5	10267	10.0	160521.8	-5010.5	10357	8.9	160911.7	-5053.8
10088	9.6	155357.5	-5058.6	10178	9.2	160027.3	-5007.4	10268	10.0	160523.9	-5035.2	10358	10.0	160914.0	-5019.8
10089	10.0	155358.4	-5039.8	10179	7.4	160040.5	-5025.7	10269	9.5	160525.9	-5059.8	10359	10.0	160916.3	-5002.4
10090	10.0	155413.0	-5000.2	10180	10.0	160041.2	-5056.2	10270	10.0	160526.0	-5054.7	10360	10.0	160917.8	-5030.3
10091	10.0	155418.4	-5045.0	10181	9.6	160043.5	-5006.1	10271	9.7	160528.5	-5007.0	10361	10.0	160918.8	-5025.7
10092	8.7	155423.9	-5035.0	10182	10.0	160043.6	-5053.7	10272	10.0	160534.0	-5007.8	10362	9.7	160919.1	-5048.2
10093	9.8	155430.1	-5003.8	10183	10.0	160057.2	-5048.8	10273	10.0	160544.7	-5056.5	10363	9.9	160920.7	-5050.8
10094	10.0	155431.4	-5005.8	10184	10.0	160058.3	-5059.8	10274	10.0	160547.6	-5014.5	10364	10.0	160921.2	-5042.6
10095	7.9	155432.7	-5029.4	10185	10.0	160102.0	-5028.9	10275	10.0	160548.4	-5003.4	10365	10.0	160921.5	-5024.0
10096	9.9	155433.5	-5008.0	10186	10.0	160108.4	-5025.3	10276	10.0	160550.0	-5029.0	10366	9.0	160926.2	-5009.6
10097	8.7	155433.8	-5035.6	10187	10.0	160110.0	-5055.1	10277	10.0	160551.9	-5036.4	10367	10.0	160927.7	-5029.0
10098	10.0	155436.6	-5011.4	10188	10.0	160110.3	-5004.0	10278	10.0	160553.0	-5011.5	10368	9.9	160928.4	-5044.7
10099	10.0	155437.2	-5012.3	10189	10.0	160111.1	-5011.0	10279	10.0	160554.2	-5034.8	10369	9.6	160931.2	-5053.3
10100	10.0	155441.5	-5059.5	10190	9.9	160118.2	-5012.8	10280	10.0	160555.1	-5040.2	10370	8.6	160931.7	-5005.0
10101	9.9	155459.8	-5031.8	10191	10.0	160127.9	-5017.8	10281	8.8	160557.5	-5041.9	10371	10.0	160932.2	-5051.2
10102	10.0	155503.2	-5019.6	10192	10.0	160130.2	-5014.0	10282	10.0	160559.0	-5050.4	10372	10.0	160936.2	-5035.2
10103	10.0	155503.8	-5040.1	10193	9.5	160135.1	-5058.0	10283	10.0	160559.6	-5031.0	10373	10.0	160936.7	-5048.2
10104	10.0	155505.8	-5031.2	10194	10.0	160135.9	-5006.7	10284	9.7	160601.5	-5039.8	10374	9.5	160940.2	-5047.3
10105	10.0	155506.0	-5006.8	10195	10.0	160140.8	-5015.6	10285	9.8	160602.3	-5041.9	10375	9.7	160942.2	-5054.9
10106	9.4	155507.6	-5035.3	10196	10.0	160148.4	-5017.2	10286	9.5	160604.2	-5021.6	10376	9.7	160955.0	-5053.0
10107	9.0	155518.5	-5008.5	10197	7.2	160152.7	-5012.7	10287	10.0	160604.7	-5001.3	10377	10.0	160956.1	-5039.1
10108	10.0	155523.0	-5020.6	10198	10.0	160207.7	-5013.5	10288	9.0	160608.3	-5053.7	10378	10.0	160956.7	-5005.8
10109	10.0	155529.7	-5029.0	10199	10.0	160208.9	-5002.0	10289	10.0	160610.0	-5001.6	10379	10.0	160958.4	-5023.6
10110	10.0	155531.8	-5053.0	10200	10.0	160212.3	-5048.0	10290	9.8	160610.9	-5040.4	10380	9.9	160959.1	-5011.6
10111	10.0	155532.5	-5030.3	10201	10.0	160212.3	-5006.0	10291	10.0	160619.8	-5053.7	10381	10.0	161010.5	-5025.9
10112	10.0	155542.2	-5057.0	10202	10.0	160219.3	-5058.6	10292	10.0	160621.6	-5014.0	10382	9.9	161014.6	-5001.8
10113	9.4	155549.6	-5013.4	10203	10.0	160219.5	-5031.2	10293	10.0	160624.7	-5006.9	10383	7.5	161014.6	-5043.4
10114	10.5	155550.1	-5039.0	10204	10.0	160220.8	-5007.0	10294	10.0	160627.0	-5025.8	10384	9.8	161019.6	-5039.1
10115	10.5	155551.8	-5040.7	10205	10.0	160222.3	-5044.0	10295	9.6	160629.4	-5016.3	10385	10.0	161021.4	-5020.8
10116	9.9	155555.0	-5052.2	10206	10.0	160223.6	-5005.2	10296	9.9	160631.8	-5008.3	10386	10.0	161022.3	-5006.0
10117	8.8	155557.0	-5029.8	10207	10.0	160228.4	-5051.2	10297	10.0	160639.0	-5046.4	10387	9.9	161024.0	-5008.0
10118	8.9	155604.1	-5039.3	10208	10.0	160229.3	-5030.6	10298	10.0	160645.0	-5006.7	10388	10.0	161024.0	-5031.5
10119	8.8	155613.1	-5054.0	10209	10.0	160235.6	-5011.3	10299	10.0	160649.1	-5028.2	10389	10.0	161026.7	-5058.4
10120	10.0	155615.2	-5002.8	10210	10.0	160235.7	-5021.2	10300	10.0	160657.2	-5002.8	10390	10.0	161026.9	-5031.9
10121	10.0	155616.2	-5005.8	10211	10.0	160237.4	-5042.6	10301	10.0	160659.3	-5007.4	10391	9.9	161030.2	-5049.0
10122	9.8	155616.4	-5043.0	10212	10.0	160242.6	-5037.3	10302	9.8	160701.9	-5038.7	10392	10.0	161036.5	-5039.0
10123	10.0	155617.8	-5031.1	10213	10.0	160250.1	-5058.8	10303	10.0	160702.4	-5024.3	10393	10.0	161040.0	-5033.8
10124	10.0	155627.8	-5014.4	10214	10.0	160255.3	-5054.8	10304	10.0	160703.4	-5030.0	10394	9.1	161040.1	-5031.5
10125	10.0	155634.7	-5012.5	10215	10.0	160256.2	-5017.1	10305	10.0	160707.2	-5002.0	10395	9.3	161040.9	-5055.9
10126	10.0	155641.6	-5047.8	10216	10.0	160301.0	-5049.6	10306	10.0	160708.8	-5050.2	10396	10.0	161045.1	-5056.3
10127	10.0	155643.2	-5010.5	10217	10.0	160303.9	-5037.0	10307	10.0	160712.5	-5048.4	10397	10.0	161048.0	-5040.9
10128	9.9	155652.3	-5016.4	10218	10.0	160313.2	-5047.0	10308	11.0	160713.8	-5033.9	10398	9.8	161049.9	-5010.7
10129	10.0	155652.7	-5056.6	10219	10.0	160314.2	-5041.6	10309	9.8	160713.8	-5017.6	10399	10.0	161051.9	-5015.6
10130	10.0	155655.0	-5047.6	10220	10.0	160315.5	-5046.9	10310	11.0	160715.3	-5033.3	10400	10.0	161052.3	-5046.4
10131	8.1	155701.6	-5001.7	10221	10.0	160320.4	-5047.6	10311	9.9	160716.6	-5020.3	10401	10.0	161055.0	-5046.0
10132	10.0	155704.6	-5059.4	10222	10.0	160324.8	-5044.8	10312	10.0	160718.0	-5052.6	10402	10.0	161056.1	-5002.2
10133	10.0	155710.2	-5043.7	10223	10.0	160330.1	-5046.7	10313	10.0	160718.8	-5053.6	10403	10.0	161059.3	-5006.7
10134	10.0	155717.4	-5031.0	10224	10.0	160330.7	-5046.6	10314	10.0	160720.8	-5022.8	10404	10.0	161100.6	-5030.8
10135	10.0	155721.5	-5045.6	10225	10.0	160334.8	-5030.7	10315	10.0	160730.0	-5016.7	10405	10.6	161102.5	-5055.2
10136	10.0	155726.4	-5029.6	10226	9.6	160334.9	-5043.6	10316	10.0	160737.0	-5041.9	10406	9.8	161103.9	-5017.0
10137	9.5	155729.1	-5026.4	10227	10.0	160336.0	-5032.0	10317	10.0	160740.0	-5030.8	10407	9.1	161107.7	-5042.2
10138	9.5	155729.4	-5014.8	10228	8.5	160337.5	-5044.4	10318	10.0	160741.1	-5043.5	10408	10.0	161108.0	-5007.0
10139	9.9	155734.5	-5036.8	10229	10.0	160340.7	-5038.3	10319	10.0	160743.3	-5012.0	10409	9.4	161116.5	-5026.0
10140	10.0	155735.6	-5048.4	10230	9.2	160346.4	-5025.6	10320	10.0	160746.5	-5057.9	10410	10.0	161117.5	-5015.3
10141	9.9	155735.6	-5046.7	10231	10.0	160351.1	-5004.6	10321	10.0	160748.0	-5042.7	10411	10.5	161118.5	-5029.3
10142	10.0	155736.1	-5037.7	10232	10.0	160351.3	-5045.3	10322	10.0	160753.7	-5031.9	10412	10.0	161121.0	-5005.2
10143	9.9	155749.7	-5052.7	10233	8.9	160354.7	-5036.5	10323	9.9	160754.6	-5057.4	10413	10.0	161122.6	-5044.2
10144	10.0	155750.2	-5009.8	10234	10.0	160355.6	-5046.3	10324	9.7	160756.5	-5032.9	10414	10.0	161124.7	-5035.4
10145	10.0	155754.1	-5047.4	10235	11.0	160400.5	-5036.9	10325	10.0	160756.9	-5034.6	10415	9.7	161126.0	-5003.0
10146	10.0	155755.1	-5004.8	10236	10.0	160407.2	-5032.8	10326	10.0	160759.6	-5040.6	10416	10.0	161130.7	-5028.2
10147	10.0	155755.1	-5037.0	10237	10.0	160407.5	-5049.6	10327	10.0	160759.9	-5038.5	10417	9.8	161132.8	-5000.2
10148	9.8	155757.4	-5033.4	10238	10.0	160410.0	-5057.2	10328	10.0	160802.1	-5037.2	10418	10.0	161135.0	-5028.2
10149	10.0	155757.8	-5002.9	10239	10.0	160413.8	-5016.5	10329	10.0	160802.8	-5004.8	10419	10.0	161137.0	-5050.4
10150	10.0	155824.1	-5009.9	10240	9.9	160416.0	-5010.4	10330	9.6	160802.8	-5019.3	10420	10.0	161138.1	-5014.6
10151	10.0	155826.8	-5008.6	10241	10.0	160416.7	-5047.0	10331	10.0	160803.3	-5048.0	10421	10.0	161142.6	-5039.0
10152	10.0	155833.1	-5012.6	10242	10.0	160420.0	-5008.1	10332	10.0	160804.3	-5017.4	10422	10.0	161148.5	-5036.9
10153	10.0	155844.6	-5021.6	10243	10.0	160422.8	-5053.4	10333	10.0	160807.3	-5009.5	10423	10.0	161155.9	-5003.7
10154	10.0	155845.8	-5038.3	10244	9.7	160423.2	-5032.6	10334	10.0	160807.7	-5045.1	10424	10.0	161201.3	-5050.4
10155	10.0	155851.0	-5012.6	10245	10.0	160430.3	-5035.5	10335	10.0	160809.0	-5042.7	10425	10.0	161201.6	-5057.0
10156	10.0	155852.1	-5039.7	10246	10.0	160431.2	-5051.5	10336	10.0	160809.3	-5038.9	10426	10.0	161204.1	-5012.4
10157	10.0	155854.0	-5009.6	10247	10.7	160433.3	-5053.6	10337	9.9	160811.3	-5009.8	10427	10.0	161205.6	-5057.3
10158	10.0	155854.6	-5017.6	10248	10.5	160439.2	-5051.5	10338	11.0	160812.3	-5035.5	10428	9.9	161210.7	-5054.7
10159	10.0	155856.6	-5041.6	10249	10.0	160439.3	-5022.8	10339	10.0	160812.9	-5043.2	10429	10.0	161212.6	-5040.1
10160	10.0	155858.8	-5005.3	10250	10.0	160439.5	-5014.2	10340	10.0	160814.1	-5005.1	10430	10.0	161218.1	-5024.5
10161	10.0	155907.2	-5017.4	10251	10.0	160442.5	-5055.5	10341	10.0	160815.0	-5049.9	10431	9.9	161221.0	-5034.4
10162	10.0	155913.5	-5037.0	10252	8.7	160445.2	-5026.8	10342	10.0	160818.4	-5046.9	10432	10.0	161221.0	-5054.8
10163	10.0	155924.3	-5014.1	10253	9.9	160445.9	-5030.3	10343	9.5	160820.9	-5039.1	10433	10.0	161223.7	-5054.0
10164	10.0	155928.6	-5002.1	10254	9.8	160448.1	-5005.0	10344	9.9	160823.7	-5035.9	10434	10.0	161227.9	-5053.8
10165	10.0	155935.3	-5039.4	10255	10.0	160450.6	-5058.2	10345	10.0	160828.4	-5049.8	10435	10.0	161229.8	-5055.0
10166	10.0	155938.7	-5020.5	10256	10.0	160451.0	-5053.9	10346	10.0	160831.6	-5059.5	10436	10.0	161230.7	-5043.8
10167	9.9	155940.0	-5019.1	10257	10.0	160453.3	-5049.2	10347	10.0	160837.0	-5038.8	10437	10.0	161231.9	-5059.1
10168	10.0	155946.4	-5023.1	10258	9.9	160453.9	-5022.0	10348	10.0	160841.0	-5009.1	10438	9.6	161235.4	-5056.4
10169	10.0	155949.0	-5020.9	10259	9.6	160458.6	-5051.7	10349	10.0	160842.2	-5010.3	10439	9.0	161237.2	-5001.4
10170	8.6	155954.9	-5021.6	10260	10.0	160459.2	-5000.5	10350	10.0	160848.2	-5056.8	10440	10.0	161239.8	-5003.5

-5010441 16h12m

-5010800 16h37m

10441	10.0	161239.8	-5040.5	10531	10.0	161650.5	-5011.6	10621	10.0	162232.2	-5021.5	10711	10.0	162911.0	-5059.2
10442	9.5	161240.8	-5010.3	10532	10.0	161651.0	-5056.5	10622	10.0	162234.8	-5052.3	10712	8.5	162921.5	-5034.4
10443	10.0	161241.1	-5018.0	10533	9.4	161652.8	-5014.3	10623	10.0	162244.7	-5037.6	10713	10.0	162928.9	-5032.0
10444	9.9	161246.2	-5040.6	10534	10.0	161658.4	-5019.2	10624	10.0	162245.7	-5046.7	10714	10.0	162930.6	-5038.8
10445	9.8	161246.5	-5017.8	10535	10.0	161659.9	-5031.3	10625	8.4	162248.3	-5015.8	10715	10.0	162940.1	-5050.9
10446	10.0	161252.3	-5050.1	10536	9.8	161704.7	-5034.1	10626	9.8	162249.5	-5055.2	10716	9.6	162940.4	-5011.0
10447	10.0	161303.8	-5035.0	10537	9.7	161707.6	-5025.5	10627	9.9	162251.2	-5056.2	10717	10.0	162947.6	-5012.7
10448	10.0	161304.4	-5004.8	10538	8.7	161722.5	-5051.0	10628	10.0	162259.9	-5009.4	10718	10.0	162952.8	-5048.4
10449	9.4	161304.5	-5048.9	10539	10.0	161722.8	-5058.0	10629	9.9	162301.8	-5029.8	10719	9.9	162956.6	-5056.4
10450	10.0	161308.1	-5040.8	10540	9.7	161723.7	-5018.3	10630	9.9	162306.0	-5041.2	10720	9.9	162957.0	-5001.4
10451	8.2	161309.8	-5014.5	10541	10.0	161726.0	-5050.6	10631	10.0	162308.5	-5019.2	10721	10.0	162959.9	-5005.2
10452	10.0	161310.4	-5001.2	10542	10.0	161727.4	-5044.4	10632	10.0	162309.4	-5024.8	10722	10.0	163018.4	-5052.9
10453	10.0	161314.3	-5004.5	10543	8.7	161730.4	-5005.0	10633	10.0	162318.0	-5053.2	10723	9.9	163037.2	-5027.4
10454	10.0	161314.8	-5053.0	10544	9.7	161730.5	-5012.8	10634	8.3	162320.2	-5043.2	10724	10.0	163049.4	-5036.4
10455	10.0	161315.8	-5045.4	10545	10.0	161731.7	-5030.8	10635	9.3	162326.9	-5022.4	10725	10.0	163106.0	-5041.4
10456	10.0	161317.4	-5052.0	10546	10.0	161733.6	-5009.2	10636	10.0	162332.3	-5058.2	10726	10.0	163109.3	-5004.0
10457	10.5	161318.1	-5006.3	10547	10.0	161737.4	-5038.0	10637	10.0	162337.0	-5006.0	10727	9.8	163112.2	-5029.4
10458	10.5	161320.8	-5007.2	10548	10.0	161744.1	-5022.0	10638	10.0	162344.9	-5030.2	10728	10.0	163119.2	-5016.6
10459	10.0	161325.5	-5031.1	10549	8.9	161746.5	-5006.5	10639	10.0	162345.6	-5052.8	10729	9.3	163124.3	-5035.4
10460	10.0	161325.7	-5059.2	10550	10.0	161750.8	-5022.0	10640	10.0	162351.5	-5001.0	10730	9.3	163129.0	-5025.6
10461	9.9	161328.8	-5003.2	10551	10.0	161752.7	-5010.1	10641	9.9	162351.7	-5051.2	10731	10.0	163130.5	-5055.6
10462	10.0	161329.0	-5053.8	10552	9.3	161753.8	-5042.5	10642	9.9	162359.4	-5058.0	10732	10.0	163154.0	-5048.3
10463	10.0	161333.5	-5023.0	10553	9.9	161754.6	-5042.0	10643	9.9	162401.5	-5012.0	10733	10.0	163203.1	-5031.4
10464	9.9	161339.1	-5015.8	10554	9.1	161757.9	-5047.5	10644	8.6	162404.3	-5059.9	10734	10.0	163212.7	-5055.2
10465	10.0	161339.4	-5024.3	10555	9.8	161802.5	-5003.2	10645	10.0	162407.2	-5030.0	10735	10.0	163217.0	-5034.6
10466	10.0	161342.1	-5043.0	10556	10.0	161804.9	-5000.5	10646	9.7	162410.0	-5054.2	10736	10.0	163218.5	-5000.4
10467	9.5	161344.4	-5036.9	10557	10.0	161805.0	-5050.5	10647	9.9	162412.2	-5012.3	10737	10.0	163224.2	-5042.9
10468	10.0	161346.6	-5035.0	10558	10.0	161808.7	-5011.6	10648	10.0	162420.0	-5056.1	10738	10.0	163235.5	-5021.3
10469	9.7	161349.7	-5051.7	10559	10.0	161818.2	-5028.1	10649	10.0	162420.2	-5047.9	10739	10.0	163237.0	-5058.9
10470	10.0	161356.3	-5058.7	10560	10.0	161819.2	-5047.0	10650	10.0	162422.3	-5002.6	10740	10.0	163240.6	-5038.4
10471	10.0	161358.5	-5037.0	10561	9.8	161820.0	-5059.5	10651	9.4	162425.4	-5025.5	10741	10.0	163241.7	-5041.7
10472	10.0	161400.7	-5046.7	10562	10.0	161825.5	-5035.1	10652	10.0	162433.3	-5006.5	10742	10.0	163242.6	-5056.2
10473	10.0	161401.7	-5025.4	10563	9.9	161829.5	-5006.0	10653	10.0	162434.3	-5008.8	10743	9.7	163242.7	-5032.8
10474	10.0	161403.0	-5055.0	10564	8.6	161834.9	-5059.5	10654	9.7	162435.8	-5019.0	10744	10.0	163243.0	-5044.5
10475	10.0	161409.2	-5044.0	10565	10.0	161835.9	-5001.7	10655	10.0	162449.3	-5031.2	10745	9.8	163245.8	-5053.7
10476	9.7	161420.4	-5019.8	10566	10.0	161838.7	-5055.0	10656	10.0	162451.2	-5008.0	10746	10.0	163248.6	-5048.5
10477	10.0	161421.6	-5016.6	10567	9.9	161841.6	-5018.4	10657	10.0	162451.8	-5037.4	10747	10.0	163249.3	-5036.1
10478	10.0	161425.6	-5037.5	10568	8.7	161845.4	-5026.1	10658	10.0	162459.0	-5026.0	10748	10.0	163254.8	-5028.0
10479	10.0	161426.0	-5006.2	10569	9.9	161851.0	-5015.3	10659	10.0	162505.9	-5037.2	10749	10.0	163303.9	-5019.0
10480	10.0	161429.7	-5012.6	10570	9.6	161853.6	-5024.7	10660	10.0	162507.1	-5027.5	10750	8.6	163314.5	-5013.4
10481	10.0	161431.4	-5058.5	10571	10.0	161900.0	-5022.0	10661	9.7	162518.9	-5056.9	10751	10.0	163320.4	-5043.6
10482	10.0	161432.8	-5024.2	10572	9.8	161901.4	-5035.2	10662	10.0	162520.5	-5038.5	10752	9.9	163330.0	-5058.6
10483	10.0	161434.5	-5037.2	10573	10.0	161913.5	-5043.1	10663	9.9	162531.4	-5006.4	10753	9.9	163353.0	-5048.5
10484	9.3	161436.0	-5008.8	10574	9.6	161926.6	-5000.5	10664	10.0	162536.0	-5043.2	10754	10.0	163353.6	-5018.2
10485	9.9	161440.4	-5004.8	10575	9.8	161927.8	-5003.9	10665	10.0	162540.0	-5056.3	10755	8.7	163354.7	-5014.4
10486	10.0	161440.5	-5050.8	10576	9.8	161934.0	-5039.0	10666	10.0	162543.0	-5055.9	10756	10.0	163408.1	-5038.1
10487	11.0	161441.2	-5044.4	10577	10.0	161936.0	-5056.8	10667	10.0	162544.7	-5046.7	10757	10.0	163413.7	-5021.4
10488	10.0	161441.2	-5029.5	10578	10.0	161939.9	-5012.7	10668	10.0	162547.4	-5003.6	10758	10.0	163417.0	-5048.4
10489	10.0	161443.6	-5040.9	10579	10.0	161942.6	-5058.9	10669	9.6	162549.6	-5050.9	10759	10.5	163417.6	-5044.6
10490	10.0	161446.1	-5049.5	10580	9.7	161947.8	-5041.9	10670	10.0	162555.8	-5033.4	10760	9.7	163418.4	-5053.3
10491	10.0	161446.5	-5050.2	10581	9.9	161949.0	-5023.1	10671	10.0	162604.8	-5043.3	10761	9.7	163422.6	-5030.5
10492	10.0	161448.6	-5019.1	10582	10.0	161958.6	-5044.8	10672	9.4	162608.9	-5003.4	10762	9.7	163424.9	-5029.2
10493	9.2	161450.7	-5043.6	10583	10.0	162000.4	-5022.3	10673	9.8	162609.2	-5028.3	10763	10.0	163427.1	-5052.0
10494	9.4	161451.8	-5020.2	10584	9.4	162006.8	-5005.3	10674	9.3	162609.5	-5006.2	10764	10.0	163430.0	-5020.7
10495	10.0	161455.2	-5022.9	10585	9.5	162008.7	-5021.3	10675	10.0	162619.3	-5012.4	10765	10.0	163443.0	-5046.7
10496	9.8	161503.9	-5014.8	10586	9.9	162010.3	-5038.6	10676	9.9	162624.7	-5058.4	10766	10.0	163443.2	-5002.7
10497	10.0	161508.5	-5020.6	10587	9.9	162013.5	-5028.0	10677	9.7	162629.4	-5035.5	10767	10.0	163454.1	-5041.7
10498	10.0	161508.8	-5034.6	10588	9.7	162016.4	-5003.8	10678	7.3	162629.4	-5058.8	10768	9.8	163456.8	-5019.0
10499	9.8	161510.7	-5036.5	10589	9.4	162017.2	-5059.9	10679	10.0	162630.7	-5059.6	10769	10.0	163457.0	-5039.8
10500	9.4	161514.8	-5049.1	10590	9.8	162021.4	-5026.6	10680	10.0	162645.0	-5054.4	10770	10.0	163501.4	-5032.4
10501	9.4	161517.2	-5003.4	10591	10.0	162023.9	-5002.4	10681	10.0	162702.2	-5059.5	10771	10.0	163507.9	-5032.2
10502	11.0	161527.7	-5048.6	10592	9.9	162025.2	-5022.2	10682	10.0	162711.8	-5057.8	10772	8.4	163511.2	-5021.3
10503	9.8	161531.5	-5048.0	10593	9.9	162025.6	-5030.9	10683	9.9	162719.2	-5015.8	10773	10.5	163512.4	-5052.0
10504	7.7	161533.6	-5027.3	10594	9.8	162036.5	-5010.2	10684	9.9	162720.4	-5013.5	10774	10.5	163512.6	-5055.9
10505	8.2	161536.9	-5037.9	10595	10.0	162039.9	-5021.8	10685	10.0	162730.1	-5048.6	10775	9.9	163528.2	-5031.3
10506	10.0	161537.0	-5055.3	10596	9.5	162042.2	-5050.9	10686	10.0	162738.4	-5026.4	10776	10.0	163529.7	-5049.1
10507	10.0	161539.1	-5002.0	10597	10.0	162042.4	-5008.1	10687	10.0	162740.0	-5036.3	10777	10.0	163536.9	-5028.5
10508	8.2	161547.4	-5027.2	10598	10.0	162053.4	-5000.8	10688	9.8	162744.6	-5024.3	10778	9.7	163539.8	-5049.3
10509	10.0	161547.5	-5023.9	10599	10.0	162059.7	-5055.6	10689	10.0	162748.0	-5022.5	10779	9.4	163546.4	-5035.1
10510	10.0	161551.2	-5032.0	10600	10.0	162103.0	-5051.2	10690	10.0	162748.8	-5055.8	10780	8.6	163550.9	-5049.7
10511	10.0	161552.5	-5053.0	10601	10.0	162104.8	-5026.4	10691	11.0	162750.0	-5051.0	10781	10.0	163551.0	-5004.7
10512	10.0	161558.3	-5058.0	10602	10.0	162107.0	-5056.3	10692	10.0	162750.2	-5009.0	10782	10.0	163553.5	-5043.6
10513	9.1	161558.9	-5024.3	10603	10.0	162108.3	-5033.6	10693	10.0	162751.6	-5008.0	10783	10.0	163559.3	-5007.9
10514	9.4	161603.5	-5005.8	10604	10.0	162110.9	-5036.2	10694	10.0	162751.7	-5018.2	10784	10.0	163612.7	-5031.5
10515	9.3	161606.2	-5003.5	10605	10.0	162112.4	-5054.1	10695	9.1	162753.6	-5034.6	10785	10.0	163613.2	-5039.8
10516	9.9	161611.2	-5043.3	10606	10.0	162116.0	-5010.0	10696	9.4	162756.6	-5031.5	10786	10.0	163615.2	-5040.7
10517	9.5	161623.2	-5047.1	10607	10.0	162121.6	-5017.4	10697	10.0	162809.5	-5046.3	10787	10.0	163621.8	-5030.7
10518	10.0	161624.5	-5016.7	10608	7.6	162122.5	-5041.4	10698	10.0	162819.6	-5056.8	10788	10.0	163626.4	-5033.8
10519	10.0	161626.6	-5059.0	10609	10.0	162134.2	-5036.1	10699	10.0	162824.7	-5046.5	10789	10.0	163630.0	-5034.0
10520	9.6	161627.6	-5016.0	10610	9.7	162138.1	-5058.2	10700	10.0	162829.4	-5023.4	10790	9.8	163634.2	-5005.9
10521	8.7	161630.0	-5051.2	10611	10.0	162142.5	-5005.0	10701	10.0	162837.1	-5059.2	10791	10.0	163635.6	-5033.6
10522	10.0	161632.4	-5000.4	10612	8.9	162144.8	-5045.2	10702	9.5	162844.5	-5007.6	10792	10.0	163641.9	-5029.2
10523	10.0	161639.5	-5013.8	10613	9.8	162145.8	-5009.7	10703	10.0	162848.0	-5044.4	10793	10.0	163648.8	-5042.5
10524	10.0	161640.4	-5040.9	10614	10.0	162151.0	-5053.3	10704	10.0	162857.5	-5035.9	10794	10.0	163656.6	-5057.6
10525	9.9	161644.2	-5056.8	10615	10.0	162152.4	-5026.2	10705	10.0	162901.6	-5059.0	10795	10.0	163700.7	-5055.8
10526	10.0	161644.6	-5048.0	10616	10.0	162152.7	-5041.6	10706	10.0	162904.0	-5028.4	10796	10.0	163701.5	-5045.9
10527	9.7	161646.0	-5022.3	10617	10.0	162154.5	-5007.4	10707	10.0	162904.9	-5025.7	10797	10.0	163705.2	-5035.8
10528	9.4	161647.5	-5023.6	10618	10.0	162207.8	-5000.3	10708	10.0	162906.0	-5054.4	10798	10.5	163709.6	-5045.4
10529	9.7	161647.8	-5037.5	10619	10.0	162208.6	-5018.7	10709	9.9	162909.4	-5033.0	10799	10.0	163710.2	-5033.9
10530	10.0	161649.7	-5018.3	10620	9.5	162224.6	-5041.0	10710	9.8	162910.3	-5043.4	10800	9.9	163710.4	-5009.1

-5010801 16h37m

-5011160 17h08m

10801	9.8	163720.4	-5019.5	10891	10.0	164501.0	-5042.5	10981	10.0	165438.5	-5020.1	11071	10.0	170206.5	-5034.6
10802	10.0	163720.4	-5013.7	10892	10.0	164502.3	-5036.8	10982	10.0	165442.8	-5009.5	11072	10.0	170213.4	-5003.6
10803	10.5	163722.1	-5036.2	10893	10.0	164505.7	-5021.8	10983	10.0	165444.7	-5048.3	11073	9.8	170229.3	-5027.6
10804	10.0	163736.4	-5022.9	10894	10.5	164519.5	-5055.2	10984	10.0	165450.4	-5042.3	11074	10.0	170244.4	-5012.0
10805	10.0	163740.3	-5022.3	10895	9.8	164521.0	-5028.8	10985	10.0	165455.6	-5014.5	11075	10.0	170246.4	-5015.7
10806	10.0	163742.1	-5021.0	10896	10.0	164530.6	-5026.6	10986	10.0	165459.8	-5010.3	11076	11.0	170250.1	-5042.8
10807	9.5	163751.8	-5041.5	10897	10.0	164530.7	-5020.0	10987	10.0	165502.8	-5032.3	11077	11.0	170254.5	-5048.8
10808	10.0	163754.3	-5009.3	10898	10.0	164535.6	-5018.0	10988	10.0	165522.5	-5024.0	11078	10.0	170301.1	-5036.7
10809	9.6	163754.4	-5026.7	10899	10.0	164536.4	-5011.8	10989	10.0	165529.8	-5003.5	11079	9.7	170302.2	-5046.6
10810	10.0	163759.0	-5050.0	10900	9.4	164546.9	-5027.3	10990	9.9	165531.9	-5053.0	11080	10.0	170309.7	-5055.7
10811	10.0	163759.0	-5053.6	10901	9.4	164547.4	-5025.5	10991	10.0	165535.2	-5054.3	11081	9.9	170313.4	-5023.0
10812	10.0	163800.3	-5006.8	10902	10.0	164557.4	-5005.6	10992	10.0	165536.7	-5032.5	11082	10.0	170316.2	-5049.6
10813	9.9	163803.8	-5022.3	10903	9.5	164611.0	-5031.3	10993	10.0	165538.8	-5028.3	11083	10.0	170323.5	-5038.7
10814	10.5	163809.7	-5049.5	10904	10.0	164630.8	-5008.0	10994	10.0	165539.8	-5025.8	11084	10.0	170325.3	-5032.7
10815	10.0	163811.7	-5054.6	10905	6.9	164631.3	-5028.1	10995	10.0	165553.4	-5025.8	11085	10.0	170327.4	-5024.0
10816	10.0	163814.0	-5025.2	10906	10.0	164631.4	-5044.9	10996	9.4	165555.9	-5042.3	11086	10.0	170329.5	-5024.6
10817	10.0	163835.6	-5052.6	10907	9.4	164641.5	-5056.6	10997	9.4	165600.7	-5046.5	11087	10.0	170329.5	-5044.5
10818	10.0	163849.2	-5053.4	10908	9.8	164647.0	-5022.1	10998	10.0	165608.4	-5045.4	11088	10.0	170333.6	-5037.6
10819	10.0	163855.7	-5052.8	10909	9.3	164652.1	-5056.9	10999	10.0	165619.0	-5059.2	11089	10.0	170349.1	-5010.2
10820	10.0	163903.0	-5039.6	10910	10.0	164706.2	-5031.0	11000	10.0	165628.0	-5013.5	11090	10.0	170351.0	-5040.8
10821	10.0	163906.2	-5043.3	10911	10.0	164709.7	-5030.3	11001	10.0	165636.7	-5016.5	11091	9.9	170353.2	-5036.9
10822	9.7	163908.1	-5059.2	10912	11.0	164709.9	-5055.2	11002	9.9	165642.1	-5009.9	11092	10.0	170401.5	-5007.4
10823	10.0	163910.0	-5027.9	10913	10.0	164712.9	-5018.0	11003	10.0	165645.0	-5028.9	11093	10.0	170407.9	-5029.6
10824	10.0	163910.3	-5032.4	10914	9.9	164713.5	-5015.5	11004	9.8	165647.5	-5032.9	11094	8.8	170410.2	-5009.2
10825	9.5	163911.4	-5051.1	10915	10.0	164724.5	-5000.0	11005	10.0	165654.2	-5047.6	11095	8.4	170415.4	-5024.6
10826	10.0	163912.0	-5021.1	10916	9.7	164741.0	-5037.4	11006	9.7	165654.8	-5027.9	11096	10.0	170428.9	-5020.3
10827	10.0	163930.3	-5010.8	10917	10.0	164742.6	-5024.4	11007	10.0	165702.4	-5003.1	11097	10.0	170433.0	-5027.2
10828	10.0	163931.8	-5053.9	10918	9.8	164744.4	-5041.0	11008	10.0	165705.2	-5058.4	11098	10.0	170433.8	-5038.4
10829	10.0	163938.4	-5058.0	10919	9.9	164756.7	-5059.7	11009	8.4	165735.2	-5049.7	11099	10.0	170437.6	-5030.9
10830	10.0	163940.6	-5030.9	10920	10.0	164808.7	-5024.3	11010	10.0	165736.7	-5057.6	11100	10.0	170442.5	-5018.0
10831	9.9	163942.0	-5032.5	10921	10.0	164822.1	-5044.0	11011	9.1	165742.0	-5032.8	11101	10.0	170452.4	-5029.2
10832	9.2	163957.3	-5010.6	10922	9.9	164823.0	-5054.6	11012	9.9	165743.5	-5007.9	11102	10.0	170458.2	-5031.6
10833	10.0	164000.6	-5024.7	10923	10.0	164837.8	-5009.7	11013	9.1	165746.7	-5047.7	11103	10.0	170501.1	-5008.8
10834	10.0	164001.8	-5045.7	10924	6.0	164839.5	-5026.3	11014	9.5	165749.4	-5009.8	11104	10.0	170509.9	-5018.6
10835	10.5	164024.7	-5036.2	10925	10.0	164850.7	-5010.7	11015	10.0	165749.8	-5003.5	11105	9.4	170512.2	-5023.2
10836	10.0	164025.2	-5055.8	10926	10.0	164901.6	-5058.9	11016	9.9	165756.2	-5031.4	11106	11.0	170520.1	-5013.2
10837	9.8	164025.7	-5035.0	10927	10.0	164906.5	-5046.8	11017	10.0	165757.9	-5006.5	11107	9.5	170524.8	-5013.3
10838	10.0	164027.1	-5008.0	10928	9.9	164908.9	-5014.3	11018	10.0	165800.6	-5053.4	11108	9.4	170525.0	-5023.7
10839	10.0	164036.4	-5059.6	10929	10.0	164910.0	-5011.6	11019	10.0	165801.1	-5019.0	11109	10.5	170539.5	-5042.7
10840	10.0	164037.7	-5050.9	10930	10.0	164913.7	-5016.3	11020	9.9	165805.2	-5002.9	11110	8.3	170543.9	-5042.8
10841	10.0	164041.7	-5052.0	10931	10.0	164916.2	-5032.9	11021	10.0	165808.4	-5029.9	11111	10.0	170547.2	-5026.9
10842	10.0	164041.7	-5051.0	10932	10.0	164916.8	-5002.7	11022	10.0	165808.4	-5019.1	11112	10.0	170549.4	-5051.0
10843	9.5	164041.8	-5024.0	10933	10.0	164920.3	-5010.2	11023	10.0	165809.7	-5041.4	11113	10.5	170551.1	-5043.8
10844	8.9	164042.5	-5029.0	10934	10.0	164926.7	-5008.6	11024	9.6	165812.3	-5049.5	11114	9.9	170552.4	-5030.3
10845	10.0	164054.7	-5036.9	10935	9.6	164938.1	-5058.0	11025	10.0	165813.7	-5011.1	11115	9.6	170553.2	-5027.0
10846	10.0	164057.7	-5022.1	10936	9.6	164941.2	-5033.8	11026	10.0	165814.2	-5002.6	11116	10.0	170553.8	-5023.1
10847	9.8	164102.0	-5036.0	10937	9.8	164951.5	-5014.4	11027	10.0	165830.2	-5043.6	11117	9.9	170557.8	-5007.7
10848	9.5	164116.8	-5007.0	10938	9.8	164953.5	-5037.0	11028	10.0	165830.3	-5039.3	11118	7.5	170559.4	-5056.2
10849	10.0	164128.2	-5055.4	10939	10.0	165001.2	-5012.1	11029	10.0	165834.5	-5003.6	11119	10.0	170603.3	-5032.3
10850	9.9	164140.2	-5028.0	10940	10.0	165004.5	-5039.8	11030	10.0	165834.8	-5007.2	11120	9.1	170605.8	-5010.9
10851	10.0	164142.6	-5013.8	10941	10.0	165008.0	-5029.9	11031	10.0	165836.0	-5001.2	11121	9.8	170613.0	-5033.0
10852	9.7	164143.2	-5019.8	10942	9.7	165012.2	-5037.5	11032	9.9	165836.3	-5038.2	11122	9.7	170614.7	-5027.1
10853	10.0	164159.8	-5048.0	10943	10.0	165030.7	-5039.6	11033	9.7	165841.0	-5015.2	11123	10.0	170626.7	-5038.4
10854	10.0	164201.2	-5040.6	10944	10.5	165031.0	-5037.4	11034	9.6	165844.6	-5031.9	11124	10.0	170626.8	-5018.6
10855	8.6	164211.5	-5004.9	10945	10.0	165034.6	-5031.3	11035	10.0	165847.0	-5007.9	11125	10.0	170631.8	-5053.0
10856	9.6	164214.4	-5028.8	10946	9.7	165044.3	-5043.2	11036	9.8	165847.6	-5024.6	11126	10.0	170639.3	-5049.6
10857	9.7	164215.7	-5034.0	10947	10.0	165046.0	-5004.6	11037	8.8	165852.5	-5035.2	11127	10.0	170653.2	-5056.2
10858	9.8	164216.2	-5027.0	10948	10.0	165103.1	-5036.0	11038	9.9	165854.5	-5041.0	11128	9.6	170655.8	-5053.6
10859	9.0	164221.4	-5041.2	10949	9.9	165109.6	-5039.2	11039	9.9	165859.3	-5026.5	11129	9.6	170657.8	-5001.2
10860	10.0	164221.4	-5051.2	10950	9.5	165109.9	-5000.5	11040	10.0	165903.5	-5049.3	11130	10.0	170700.9	-5041.4
10861	9.4	164228.4	-5034.0	10951	10.0	165124.5	-5034.2	11041	9.9	165901.9	-5050.8	11131	10.0	170705.0	-5023.6
10862	10.0	164239.3	-5018.7	10952	10.0	165127.9	-5019.4	11042	9.7	165909.5	-5011.6	11132	9.2	170706.6	-5030.4
10863	8.5	164242.0	-5042.3	10953	9.9	165135.8	-5014.6	11043	10.0	165910.6	-5010.6	11133	9.0	170735.7	-5003.2
10864	9.2	164244.7	-5055.7	10954	10.0	165151.2	-5002.0	11044	8.5	165912.4	-5023.6	11134	10.0	170739.0	-5044.8
10865	9.3	164254.8	-5054.5	10955	7.0	165204.9	-5056.3	11045	10.0	165915.0	-5059.0	11135	10.0	170740.5	-5021.9
10866	10.0	164257.7	-5056.0	10956	10.0	165205.0	-5046.2	11046	8.5	165919.7	-5023.6	11136	10.0	170744.6	-5051.8
10867	9.9	164258.4	-5003.3	10957	10.0	165206.8	-5036.1	11047	10.0	165922.0	-5018.1	11137	9.6	170752.8	-5012.7
10868	10.0	164301.6	-5020.8	10958	9.4	165212.3	-5039.7	11048	10.0	165923.5	-5002.3	11138	10.0	170753.2	-5010.9
10869	9.4	164304.8	-5016.8	10959	9.9	165218.6	-5024.5	11049	10.0	165927.0	-5058.4	11139	10.0	170755.1	-5039.5
10870	10.5	164311.7	-5030.7	10960	10.0	165229.5	-5030.9	11050	10.0	165929.0	-5059.2	11140	9.4	170756.6	-5001.6
10871	10.0	164323.0	-5058.7	10961	10.0	165236.6	-5028.8	11051	9.7	165935.6	-5044.8	11141	10.0	170759.8	-5033.8
10872	10.0	164324.8	-5056.4	10962	9.4	165243.5	-5059.8	11052	10.0	165938.9	-5010.7	11142	10.0	170800.6	-5042.0
10873	10.5	164332.2	-5046.9	10963	10.0	165249.6	-5038.8	11053	10.0	165947.6	-5000.7	11143	10.0	170804.5	-5059.2
10874	10.0	164333.0	-5034.0	10964	8.9	165256.1	-5050.1	11054	9.7	170001.8	-5055.6	11144	10.0	170810.0	-5014.7
10875	10.0	164340.1	-5043.8	10965	10.0	165259.3	-5039.8	11055	10.0	170002.1	-5058.4	11145	10.0	170810.2	-5009.3
10876	10.0	164343.6	-5042.0	10966	9.8	165302.2	-5007.2	11056	9.5	170018.2	-5043.6	11146	9.8	170812.6	-5023.9
10877	10.0	164358.2	-5030.0	10967	10.0	165312.9	-5032.1	11057	10.0	170021.8	-5033.7	11147	9.5	170814.0	-5054.2
10878	10.5	164401.2	-5048.8	10968	10.0	165313.6	-5010.8	11058	10.0	170022.5	-5011.5	11148	10.5	170817.2	-5000.9
10879	10.5	164404.0	-5008.5	10969	10.0	165315.0	-5002.3	11059	10.0	170025.0	-5017.5	11149	8.9	170819.1	-5025.9
10880	8.5	164405.6	-5001.5	10970	10.0	165315.3	-5034.3	11060	10.0	170025.5	-5050.0	11150	10.0	170824.5	-5042.8
10881	10.5	164411.2	-5049.9	10971	7.8	165341.7	-5013.1	11061	9.4	170027.6	-5043.6	11151	10.0	170827.6	-5041.4
10882	10.0	164420.2	-5046.9	10972	10.0	165349.7	-5023.1	11062	9.6	170051.9	-5029.7	11152	10.0	170828.7	-5017.0
10883	10.0	164421.1	-5048.3	10973	10.0	165402.8	-5051.8	11063	10.0	170109.7	-5007.0	11153	9.7	170829.5	-5058.0
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10885	10.0	164429.6	-5003.0	10975	10.0	165415.3	-5023.0	11065	10.5	170115.0	-5041.2	11155	10.0	170831.6	-5026.0
10886	9.9	164430.8	-5026.6	10976	10.0	165415.9	-5025.1	11066	10.0	170120.4	-5028.0	11156	9.8	170832.1	-5052.5
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10888	10.0	164437.0	-5020.8	10978	8.6	165418.5	-5004.1	11068	8.9	170137.3	-5055.2	11158	7.1	170844.6	-5004.1
10889	10.0	164452.2	-5027.2	10979	10.0	165426.7	-5042.4	11069	9.9	170140.0	-5015.6	11159	9.8	170848.6	-5031.6
10890	9.7	164459.9	-5031.8	10980	10.0	165427.8	-5058.0	11070	10.0	170148.5	-5031.2	11160	10.0	170854.2	-5057.8

-5011161 17h08m

-5011520 17h36m

11161	9.9	170854.9	-5032.2	11251	10.0	171452.5	-5013.0	11341	9.0	172150.4	-5007.8
11162	10.0	170901.2	-5023.7	11252	10.0	171455.6	-5012.6	11342	10.0	172152.3	-5007.5
11163	9.9	170903.7	-5047.8	11253	10.0	171500.6	-5035.9	11343	10.0	172202.3	-5000.6
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11165	9.7	170909.0	-5020.1	11255	10.0	171513.9	-5032.5	11345	9.7	172218.3	-5038.6
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11173	10.0	170939.4	-5035.7	11263	10.0	171555.1	-5039.6	11353	10.0	172255.8	-5032.4
11174	10.0	170942.4	-5027.7	11264	10.0	171556.6	-5035.0	11354	9.7	172255.8	-5024.4
11175	9.1	170949.6	-5016.5	11265	10.0	171558.4	-5011.0	11355	9.5	172302.1	-5017.8
11176	10.0	170949.9	-5033.9	11266	10.0	171559.8	-5006.2	11356	10.0	172307.3	-5040.0
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11178	10.0	170959.4	-5043.0	11268	8.3	171615.6	-5026.4	11358	8.0	172313.5	-5054.3
11179	10.0	171002.7	-5039.6	11269	5.8	171615.6	-5030.9	11359	8.6	172327.8	-5027.5
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11181	9.6	171009.0	-5003.6	11271	9.8	171624.6	-5019.3	11361	10.0	172330.7	-5023.0
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11184	10.0	171031.3	-5019.8	11274	9.8	171639.1	-5041.9	11364	9.3	172341.9	-5053.2
11185	10.0	171034.7	-5032.8	11275	9.1	171640.7	-5000.7	11365	9.9	172347.2	-5006.5
11186	9.9	171042.0	-5046.8	11276	10.0	171648.1	-5015.8	11366	9.0	172352.5	-5048.3
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11188	10.0	171052.6	-5046.0	11278	10.0	171659.5	-5012.5	11368	10.0	172359.2	-5022.4
11189	10.0	171057.8	-5006.6	11279	10.0	171703.0	-5017.3	11369	10.0	172400.3	-5023.7
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11193	8.7	171110.0	-5031.8	11283	6.8	171728.2	-5030.9	11373	10.0	172437.4	-5028.3
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11197	9.9	171123.0	-5049.8	11287	10.0	171744.1	-5010.9	11377	10.0	172448.7	-5003.3
11198	9.1	171123.6	-5018.6	11288	10.0	171744.8	-5049.1	11378	10.0	172449.0	-5023.7
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11205	10.0	171135.7	-5016.8	11295	10.0	171828.1	-5038.8	11385	10.0	172513.1	-5009.4
11206	10.0	171152.5	-5001.7	11296	10.0	171828.4	-5004.5	11386	10.0	172513.1	-5030.0
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11215	10.0	171234.4	-5042.4	11305	10.0	171928.2	-5003.9	11395	10.0	172542.4	-5013.1
11216	9.7	171237.5	-5010.2	11306	10.0	171932.7	-5045.6	11396	10.0	172543.3	-5025.1
11217	10.0	171239.6	-5017.1	11307	10.0	171934.9	-5048.8	11397	9.8	172545.0	-5038.4
11218	9.6	171251.9	-5045.9	11308	10.0	171939.5	-5009.6	11398	10.0	172546.0	-5028.3
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11233	10.0	171325.2	-5054.1	11323	10.0	172027.4	-5040.3	11413	10.0	172658.6	-5027.7
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11235	10.0	171336.5	-5021.4	11325	10.0	172040.9	-5043.0	11415	9.2	172712.2	-5029.5
11236	10.0	171346.9	-5040.0	11326	10.0	172042.4	-5001.1	11416	10.0	172714.6	-5041.7
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11239	10.0	171400.9	-5037.8	11329	10.0	172058.3	-5055.6	11419	10.0	172718.1	-5000.8
11240	8.3	171407.7	-5018.2	11330	9.9	172059.7	-5040.2	11420	9.0	172722.5	-5010.8
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11468	9.9	173203.3	-5001.2								
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11516	9.7	173618.1	-5014.6								
11517	10.0	173626.0	-5049.9								
11518	10.0	173627.3	-5028.7								
11519	9.3	173634.9	-5028.6								
11520	10.0	173642.0	-5037.0								

-5011521 17h36m

-5011880 18h13m

11521	10.0	173647.1	-5002.6	11611	10.0	174356.3	-5024.0	11701	9.7	175439.4	-5031.9
11522	10.0	173651.7	-5047.1	11612	10.0	174357.4	-5022.7	11702	10.0	175449.3	-5008.2
11523	10.0	173653.1	-5048.5	11613	9.8	174358.6	-5037.2	11703	8.1	175504.9	-5026.4
11524	10.0	173656.7	-5007.6	11614	9.0	174400.4	-5000.3	11704	10.0	175507.6	-5000.9
11525	9.8	173709.9	-5005.3	11615	9.9	174400.6	-5029.7	11705	10.0	175507.6	-5048.4
11526	9.9	173715.2	-5007.6	11616	9.9	174403.8	-5028.0	11706	9.7	175518.1	-5051.4
11527	9.5	173721.2	-5053.1	11617	10.0	174440.0	-5007.0	11707	10.0	175519.2	-5024.9
11528	10.0	173728.7	-5005.0	11618	10.0	174441.8	-5045.2	11708	10.0	175522.4	-5038.9
11529	10.0	173730.8	-5049.1	11619	10.0	174446.8	-5023.8	11709	9.7	175547.1	-5043.1
11530	10.0	173733.4	-5011.7	11620	10.0	174450.6	-5005.5	11710	10.0	175551.4	-5029.4
11531	10.0	173746.2	-5050.0	11621	9.5	174455.2	-5024.9	11711	9.7	175556.6	-5043.4
11532	9.9	173754.3	-5019.6	11622	9.8	174458.5	-5043.5	11712	10.0	175558.6	-5035.9
11533	9.6	173758.1	-5037.4	11623	9.7	174458.8	-5025.4	11713	9.9	175612.4	-5059.4
11534	9.6	173801.2	-5026.0	11624	10.0	174507.8	-5057.8	11714	10.0	175615.2	-5037.2
11535	10.0	173808.3	-5046.1	11625	10.0	174510.1	-5054.0	11715	9.8	175616.2	-5024.6
11536	10.0	173815.8	-5016.5	11626	9.7	174510.5	-5014.8	11716	10.0	175626.5	-5038.4
11537	9.3	173823.5	-5022.0	11627	10.0	174530.4	-5033.3	11717	9.9	175631.1	-5044.9
11538	10.0	173828.2	-5058.1	11628	10.0	174536.5	-5027.8	11718	9.8	175642.5	-5049.4
11539	9.6	173834.6	-5002.6	11629	10.0	174549.5	-5020.2	11719	9.0	175648.0	-5031.4
11540	9.7	173835.2	-5041.1	11630	10.0	174551.8	-5018.4	11720	3.9	175654.3	-5005.8
11541	10.0	173836.8	-5007.6	11631	10.0	174602.0	-5015.4	11721	10.0	175700.2	-5043.9
11542	10.0	173837.5	-5045.3	11632	10.0	174606.8	-5045.8	11722	9.7	175700.4	-5039.9
11543	10.0	173903.2	-5001.1	11633	10.0	174626.0	-5028.3	11723	10.0	175717.2	-5059.9
11544	10.0	173908.0	-5046.0	11634	9.6	174636.9	-5028.6	11724	10.0	175721.4	-5000.4
11545	10.0	173914.2	-5032.2	11635	10.0	174637.0	-5001.2	11725	10.0	175733.6	-5004.3
11546	10.0	173915.2	-5010.8	11636	10.0	174649.2	-5009.0	11726	10.0	175738.1	-5014.0
11547	9.9	173917.9	-5052.2	11637	10.0	174656.7	-5006.2	11727	10.0	175739.9	-5057.8
11548	10.0	173918.7	-5032.1	11638	10.0	174709.8	-5048.0	11728	10.0	175752.8	-5022.6
11549	9.7	173932.2	-5024.1	11639	10.0	174712.7	-5034.5	11729	10.0	175756.1	-5028.6
11550	10.0	173932.7	-5021.6	11640	9.9	174718.9	-5045.0	11730	9.9	175758.9	-5014.2
11551	10.0	173935.4	-5025.0	11641	9.3	174737.5	-5011.7	11731	10.0	175809.0	-5046.9
11552	9.9	173946.7	-5014.7	11642	10.0	174740.3	-5011.7	11732	10.0	175819.0	-5036.4
11553	10.0	173951.1	-5059.4	11643	9.6	174748.6	-5040.3	11733	10.0	175820.1	-5050.4
11554	10.0	173955.2	-5045.6	11644	9.8	174749.8	-5005.8	11734	10.0	175822.0	-5052.6
11555	10.0	174000.4	-5028.4	11645	10.0	174750.7	-5041.6	11735	10.0	175824.6	-5008.6
11556	10.0	174006.1	-5004.6	11646	9.9	174752.4	-5019.4	11736	10.0	175828.2	-5027.0
11557	9.5	174010.4	-5043.2	11647	10.0	174755.8	-5056.6	11737	10.0	175835.4	-5033.4
11558	10.0	174016.0	-5002.8	11648	9.6	174805.6	-5059.8	11738	10.0	175842.2	-5059.9
11559	10.0	174019.0	-5008.6	11649	9.6	174814.0	-5031.6	11739	10.0	175854.4	-5020.6
11560	9.0	174028.2	-5014.7	11650	9.7	174817.8	-5026.0	11740	10.0	175859.3	-5028.9
11561	9.8	174035.7	-5046.2	11651	10.0	174823.0	-5046.8	11741	8.3	175903.6	-5022.4
11562	9.5	174040.8	-5059.9	11652	9.5	174835.2	-5008.2	11742	10.0	175917.2	-5058.7
11563	10.0	174041.0	-5005.3	11653	8.8	174844.9	-5035.1	11743	10.0	175921.6	-5036.9
11564	9.6	174042.0	-5012.7	11654	10.0	174848.7	-5025.2	11744	9.9	175931.2	-5030.8
11565	9.8	174052.5	-5020.8	11655	10.0	174849.7	-5022.9	11745	9.9	175943.7	-5053.6
11566	10.0	174058.8	-5032.0	11656	9.2	174908.9	-5049.4	11746	10.0	175947.2	-5057.0
11567	9.8	174101.4	-5043.8	11657	9.8	174909.8	-5027.7	11747	10.0	180003.6	-5009.6
11568	10.0	174102.1	-5008.3	11658	9.7	174909.8	-5031.8	11748	10.0	180010.1	-5053.1
11569	10.0	174103.3	-5058.4	11659	9.3	174921.1	-5039.8	11749	10.0	180014.5	-5007.2
11570	10.0	174104.9	-5056.3	11660	9.3	174922.3	-5040.8	11750	10.0	180023.6	-5030.5
11571	10.0	174105.4	-5006.9	11661	10.0	174930.2	-5007.3	11751	10.0	180029.3	-5054.1
11572	10.0	174109.6	-5007.7	11662	9.8	174943.2	-5059.0	11752	10.0	180036.3	-5006.6
11573	7.5	174114.1	-5014.8	11663	9.9	174947.7	-5004.6	11753	10.0	180037.3	-5032.4
11574	9.9	174125.5	-5003.7	11664	10.0	174954.0	-5026.2	11754	9.7	180040.8	-5019.8
11575	10.0	174128.6	-5041.5	11665	10.0	175000.7	-5057.4	11755	10.0	180042.2	-5032.9
11576	9.9	174132.2	-5009.3	11666	10.0	175002.0	-5018.9	11756	9.6	180049.8	-5021.4
11577	9.9	174138.8	-5009.3	11667	10.0	175004.0	-5040.0	11757	10.0	180053.2	-5007.2
11578	10.0	174141.1	-5027.6	11668	10.0	175008.3	-5059.2	11758	10.0	180054.9	-5039.9
11579	9.8	174142.0	-5020.3	11669	10.0	175013.6	-5039.0	11759	10.0	180100.8	-5037.1
11580	10.0	174142.3	-5041.1	11670	9.9	175044.6	-5031.6	11760	10.0	180108.7	-5059.0
11581	10.0	174144.9	-5038.2	11671	10.0	175059.0	-5032.7	11761	10.0	180111.1	-5058.9
11582	9.8	174148.4	-5004.5	11672	10.0	175104.4	-5040.2	11762	9.8	180119.6	-5043.8
11583	9.7	174203.4	-5005.3	11673	10.0	175104.4	-5041.6	11763	10.0	180132.5	-5056.4
11584	9.1	174204.2	-5009.4	11674	9.8	175105.4	-5009.6	11764	10.0	180137.5	-5035.2
11585	10.0	174215.7	-5012.7	11675	10.0	175131.6	-5037.8	11765	9.8	180142.4	-5021.0
11586	9.3	174220.3	-5003.7	11676	10.0	175139.7	-5032.2	11766	10.0	180153.8	-5005.6
11587	9.6	174221.6	-5007.8	11677	10.0	175142.5	-5050.2	11767	10.0	180206.9	-5016.6
11588	10.0	174223.0	-5041.0	11678	9.3	175146.2	-5009.4	11768	10.0	180214.4	-5036.0
11589	10.0	174229.3	-5034.8	11679	9.9	175146.8	-5055.8	11769	9.9	180219.6	-5031.9
11590	8.7	174229.6	-5049.1	11680	9.4	175146.8	-5036.4	11770	10.0	180221.6	-5011.4
11591	10.0	174232.9	-5035.3	11681	9.9	175150.7	-5040.5	11771	10.0	180223.5	-5056.4
11592	10.0	174235.6	-5054.1	11682	10.0	175153.8	-5049.2	11772	9.6	180224.6	-5028.0
11593	9.9	174237.5	-5008.7	11683	9.3	175202.0	-5035.2	11773	10.0	180226.3	-5003.8
11594	9.9	174239.0	-5035.9	11684	9.0	175220.1	-5010.2	11774	10.0	180232.3	-5045.0
11595	10.0	174241.9	-5014.0	11685	10.0	175241.2	-5012.9	11775	10.0	180234.2	-5059.2
11596	10.0	174243.8	-5006.9	11686	9.5	175243.0	-5018.6	11776	10.0	180236.6	-5020.3
11597	10.0	174243.9	-5000.2	11687	9.5	175253.0	-5011.0	11777	10.0	180249.7	-5016.1
11598	10.0	174244.6	-5021.8	11688	10.0	175300.1	-5013.4	11778	10.0	180307.4	-5014.6
11599	10.0	174245.1	-5015.4	11689	9.5	175305.8	-5026.7	11779	6.9	180309.2	-5034.8
11600	10.0	174246.6	-5030.8	11690	10.0	175321.2	-5009.6	11780	10.0	180311.6	-5035.6
11601	10.0	174257.4	-5041.1	11691	10.0	175332.1	-5024.8	11781	10.0	180312.1	-5045.1
11602	9.9	174300.1	-5005.9	11692	10.0	175340.2	-5011.9	11782	9.4	180327.9	-5002.1
11603	10.0	174308.0	-5014.9	11693	10.0	175355.1	-5011.4	11783	10.0	180330.2	-5051.0
11604	9.2	174309.1	-5054.7	11694	10.0	175358.4	-5009.7	11784	9.8	180332.7	-5011.3
11605	9.3	174309.6	-5013.7	11695	9.7	175406.5	-5052.3	11785	9.8	180343.6	-5048.0
11606	8.6	174314.8	-5047.3	11696	10.0	175409.8	-5046.3	11786	9.2	180354.7	-5026.4
11607	9.8	174317.9	-5004.6	11697	10.0	175417.0	-5039.3	11787	10.0	180358.6	-5029.1
11608	8.8	174337.4	-5051.2	11698	10.0	175419.9	-5035.3	11788	10.0	180411.2	-5000.2
11609	9.7	174350.0	-5009.5	11699	10.0	175425.4	-5000.8	11789	10.0	180424.4	-5016.8
11610	10.0	174351.3	-5045.7	11700	9.2	175432.7	-5033.9	11790	9.8	180431.7	-5052.9
11791	10.0	180435.6	-5029.2								
11792	9.8	180438.5	-5054.4								
11793	10.0	180438.6	-5051.9								
11794	10.0	180453.1	-5054.5								
11795	9.3	180458.7	-5039.6								
11796	10.0	180503.8	-5007.0								
11797	8.5	180506.6	-5022.4								
11798	10.0	180508.2	-5026.6								
11799	10.0	180511.0	-5000.6								
11800	7.7	180515.1	-5020.3								
11801	9.7	180520.2	-5026.1								
11802	10.0	180525.9	-5000.3								
11803	8.5	180538.4	-5024.9								
11804	9.3	180548.5	-5041.6								
11805	10.0	180550.0	-5058.0								
11806	8.7	180603.5	-5012.8								
11807	10.0	180611.9	-5057.1								
11808	10.0	180613.4	-5051.4								
11809	10.0	180616.5	-5033.2								
11810	10.0	180618.4	-5039.0								
11811	10.0	180620.0	-5029.0								
11812	10.0	180627.1	-5035.0								
11813	10.0	180629.9	-5050.0								
11814	10.0	180632.5	-5026.6								
11815	10.0	180633.4	-5030.5								
11816	10.0	180641.0	-5012.6								
11817	9.6	180644.1	-5000.5								
11818	10.0	180649.1	-5059.9								
11819	10.0	180650.4	-5030.5								
11820	9.3	180650.9	-5044.6								
11821	9.8	180709.7	-5045.3								
11822	10.0	180725.7	-5034.8								
11823	10.0	180727.9	-5014.5								
11824	10.0	180737.6	-5001.4								
11825	9.7	180750.8	-5046.5								
11826	8.1	180752.6	-5045.7								
11827	10.0	180759.4	-5020.6								
11828	10.0	180800.8	-5027.6								
11829	8.5	180804.3	-5013.3								
11830	10.0	180819.8	-5017.5								
11831	10.0	180819.9	-5018.8								
11832	10.0	180822.5	-5041.9								
11833	9.9	180822.9	-5030.8								
11834	10.0	180833.3	-5036.1								
11835	9.2	180839.4	-5031.9								
11836	10.0	180839.9	-5003.4								
11837	10.0	180846.2	-5049.4								
11838	9.9	180851.5	-5002.8								
11839	10.0	180851.9	-5005.7								
11840	10.0	180856.8	-5047.3								
11841	10.0	180900.4	-5038.2								
11842	10.0	180904.6	-5016.9								
11843	10.0	180905.2	-5024.1								
11844	10.0	180913.6	-5043.3								
11845	9.4	180924.0	-5049.7								
11846	10.0	180926.3	-5014.8								
11847	10.0	180950.2	-5029.3								
11848	9.9	180955.4	-5015.3								
11849	8.9	180956.0	-5035.5								
11850	8.8	181000.4	-5039.7								
11851	10.0	181017.7	-5009.3								
11852	9.7	181021.5	-5013.4								
11853	9.9	181022.1	-5029.2								
11854	9.9	181028.4	-5038.5								
11855	10.0	181035.6	-5055.5								
11856	10.0	181037.4	-5034.3								
11857	10.0	181038.8	-5012.0								
11858	10.0	181055.7	-5047.5								
11859	9.8	181102.5	-5038.4								
11860	10.0	181106.0	-5046.5								
11861	10.0	181113.5	-5049.4								
11862	9.9	181122.1	-5002.4								
11863	10.0	181123.5	-5001.2								
11864	10.0	181128.2	-5041.0								
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11866	9.9	181137.7	-5011.1								
11867	10.0	181152.3	-5038.0								
11868	10.0	181157.5	-5010.7								
11869	10.0	181211.1	-5017.2								
11870	10.0	181212.5	-5048.7								
11871	10.0	181214.4	-5039.9								
11872	10.0	181216.7	-5048.9								
11873	9.8	181217.4	-5022.0								
11874	10.0	181222.9	-5028.5								
11875	10.0	181237.7	-5020.2								
11876	10.0	181246.0	-5022.2								
11877	10.0	181249.2	-5005.2								
11878	10.0	181251.6	-5006.3								
11879	10.0	181301.8	-5053.5								
11880	8.4	181303.5	-5056.1								

-5011881 18h13m

-5012240 18h48m

11881	10.0	181311.7	-5035.0	11971	10.0	182059.4	-5038.8	12061	9.3	182909.8	-5037.6	12151	10.0	183900.8	-5044.8
11882	10.0	181318.3	-5045.9	11972	9.9	182100.3	-5039.3	12062	8.9	182922.8	-5009.4	12152	9.9	183907.9	-5051.6
11883	9.9	181321.5	-5031.5	11973	10.0	182102.7	-5044.0	12063	10.0	182932.1	-5051.9	12153	10.0	183908.5	-5000.4
11884	10.0	181324.4	-5050.0	11974	9.9	182104.8	-5017.3	12064	9.1	182945.5	-5020.0	12154	10.0	183919.0	-5036.6
11885	10.0	181326.8	-5030.3	11975	9.8	182105.1	-5028.5	12065	9.2	182954.4	-5042.2	12155	10.0	183923.2	-5037.1
11886	10.0	181338.1	-5035.6	11976	10.0	182106.5	-5019.5	12066	10.0	182958.0	-5059.6	12156	10.0	183930.2	-5001.4
11887	10.0	181354.0	-5036.3	11977	10.0	182132.7	-5038.1	12067	10.0	183001.9	-5003.0	12157	9.6	183945.7	-5050.7
11888	10.0	181410.5	-5055.9	11978	10.0	182135.0	-5044.7	12068	9.8	183002.5	-5044.9	12158	10.0	183951.0	-5053.8
11889	10.0	181414.3	-5047.3	11979	10.0	182142.0	-5053.1	12069	10.0	183003.9	-5053.4	12159	9.9	183951.2	-5024.8
11890	10.0	181417.4	-5010.5	11980	7.3	182147.0	-5015.9	12070	9.9	183006.4	-5046.0	12160	10.0	183953.2	-5058.6
11891	10.0	181424.0	-5028.6	11981	9.7	182147.8	-5017.2	12071	10.0	183014.8	-5009.6	12161	9.8	184006.6	-5048.8
11892	10.0	181431.9	-5045.7	11982	9.8	182155.5	-5047.1	12072	9.8	183041.8	-5013.1	12162	10.0	184015.7	-5035.3
11893	10.0	181437.5	-5053.5	11983	9.9	182200.0	-5039.5	12073	9.9	183052.0	-5058.0	12163	8.6	184018.1	-5008.0
11894	9.8	181441.8	-5013.6	11984	9.7	182201.3	-5000.1	12074	10.0	183055.0	-5016.2	12164	9.0	184022.6	-5008.3
11895	10.0	181446.4	-5028.8	11985	9.6	182203.2	-5015.6	12075	10.0	183100.8	-5043.9	12165	10.0	184027.5	-5041.6
11896	9.9	181447.8	-5053.8	11986	9.8	182208.0	-5037.3	12076	10.0	183118.0	-5011.7	12166	10.0	184031.8	-5018.4
11897	10.0	181450.7	-5022.4	11987	10.0	182221.9	-5016.1	12077	10.0	183126.5	-5006.2	12167	10.0	184045.6	-5010.0
11898	9.9	181451.6	-5024.6	11988	10.0	182225.6	-5021.1	12078	10.0	183130.0	-5007.1	12168	10.0	184051.1	-5047.7
11899	10.0	181452.6	-5029.6	11989	10.0	182230.5	-5051.2	12079	6.8	183137.1	-5034.9	12169	10.0	184051.4	-5028.6
11900	10.0	181453.0	-5037.6	11990	10.0	182258.6	-5027.6	12080	9.9	183138.0	-5024.5	12170	10.0	184106.0	-5052.6
11901	9.9	181453.5	-5038.3	11991	10.0	182302.2	-5055.8	12081	9.4	183148.0	-5028.3	12171	10.0	184108.7	-5014.8
11902	10.0	181455.9	-5027.9	11992	9.9	182309.5	-5008.4	12082	10.0	183159.9	-5017.2	12172	10.0	184110.3	-5006.4
11903	10.0	181500.1	-5051.6	11993	9.6	182309.7	-5057.9	12083	9.8	183203.5	-5041.7	12173	10.0	184119.3	-5039.6
11904	10.0	181509.5	-5010.8	11994	10.0	182327.0	-5016.0	12084	9.4	183209.7	-5032.0	12174	9.2	184122.0	-5018.2
11905	10.0	181523.6	-5057.5	11995	9.7	182327.6	-5030.9	12085	10.0	183211.1	-5043.9	12175	10.0	184122.0	-5042.6
11906	9.9	181527.3	-5014.0	11996	10.0	182333.8	-5050.8	12086	10.0	183221.8	-5049.4	12176	9.7	184140.3	-5033.6
11907	10.0	181530.1	-5025.9	11997	10.0	182338.3	-5023.2	12087	9.8	183243.8	-5056.1	12177	10.0	184151.9	-5018.3
11908	9.6	181538.3	-5040.0	11998	9.9	182338.4	-5040.1	12088	10.0	183252.5	-5017.1	12178	9.8	184201.4	-5056.4
11909	9.8	181548.1	-5014.8	11999	10.0	182339.5	-5013.0	12089	10.0	183257.5	-5038.8	12179	9.9	184202.1	-5059.6
11910	8.4	181552.1	-5037.9	12000	10.0	182343.5	-5032.1	12090	9.5	183258.6	-5003.1	12180	10.0	184206.5	-5016.0
11911	10.0	181556.9	-5002.1	12001	10.0	182345.9	-5042.7	12091	10.0	183307.0	-5052.5	12181	10.0	184214.5	-5056.2
11912	10.0	181558.6	-5021.0	12002	7.7	182349.8	-5017.9	12092	10.0	183308.5	-5049.0	12182	10.0	184241.4	-5049.2
11913	9.8	181603.5	-5038.9	12003	10.0	182355.8	-5034.8	12093	10.0	183315.0	-5016.7	12183	9.2	184251.3	-5049.7
11914	9.5	181605.4	-5047.3	12004	10.0	182357.5	-5030.8	12094	10.0	183324.8	-5033.0	12184	10.0	184300.3	-5050.7
11915	10.0	181610.0	-5045.5	12005	10.0	182400.2	-5059.0	12095	10.0	183325.2	-5049.0	12185	9.8	184305.7	-5020.5
11916	9.9	181614.4	-5002.7	12006	9.8	182404.5	-5031.9	12096	10.0	183333.0	-5047.2	12186	10.0	184309.4	-5023.0
11917	7.9	181619.9	-5056.7	12007	10.0	182406.0	-5006.1	12097	9.1	183335.5	-5039.4	12187	9.6	184309.8	-5034.9
11918	10.0	181627.8	-5056.7	12008	9.3	182411.9	-5048.4	12098	9.9	183342.0	-5003.1	12188	9.4	184313.9	-5040.2
11919	10.0	181635.4	-5059.8	12009	9.2	182432.5	-5055.4	12099	9.8	183342.2	-5006.2	12189	10.0	184315.0	-5018.0
11920	10.0	181637.1	-5040.3	12010	10.0	182433.3	-5045.1	12100	9.1	183400.0	-5016.3	12190	8.0	184325.2	-5019.4
11921	10.0	181637.6	-5019.5	12011	10.0	182434.7	-5030.3	12101	9.5	183404.9	-5016.6	12191	10.0	184329.5	-5001.7
11922	9.5	181639.6	-5055.6	12012	10.0	182439.2	-5044.4	12102	10.0	183406.1	-5045.5	12192	9.9	184335.1	-5048.5
11923	9.7	181642.6	-5024.8	12013	9.4	182439.8	-5033.1	12103	9.9	183408.0	-5003.1	12193	10.0	184345.8	-5021.7
11924	10.0	181703.3	-5035.9	12014	9.2	182439.9	-5009.9	12104	10.0	183426.6	-5017.2	12194	10.0	184346.5	-5033.2
11925	9.1	181706.5	-5023.5	12015	10.0	182451.7	-5000.2	12105	10.0	183430.9	-5018.2	12195	10.0	184354.3	-5019.0
11926	10.0	181712.0	-5026.5	12016	7.1	182455.0	-5048.7	12106	10.0	183440.0	-5030.5	12196	10.0	184355.6	-5051.7
11927	9.8	181715.6	-5049.9	12017	10.0	182455.8	-5005.6	12107	10.0	183441.4	-5047.0	12197	10.0	184407.6	-5055.2
11928	9.1	181717.0	-5032.6	12018	10.0	182501.6	-5006.3	12108	10.0	183444.1	-5002.6	12198	10.0	184422.3	-5044.9
11929	8.3	181719.3	-5034.4	12019	10.0	182521.9	-5049.1	12109	8.9	183450.0	-5058.7	12199	10.0	184423.0	-5042.7
11930	8.2	181720.5	-5042.9	12020	10.0	182525.0	-5050.6	12110	10.0	183450.3	-5058.0	12200	10.0	184424.8	-5009.0
11931	10.0	181726.8	-5010.2	12021	10.0	182535.6	-5037.8	12111	10.0	183458.4	-5059.0	12201	9.6	184429.7	-5007.2
11932	10.0	181729.0	-5001.0	12022	10.0	182537.9	-5010.5	12112	8.6	183507.2	-5036.7	12202	10.0	184430.5	-5025.4
11933	9.9	181734.5	-5013.1	12023	10.0	182538.3	-5017.5	12113	10.0	183511.6	-5049.3	12203	9.9	184431.8	-5031.7
11934	10.0	181735.7	-5044.5	12024	10.0	182544.4	-5015.3	12114	10.0	183515.4	-5051.5	12204	9.9	184443.9	-5034.6
11935	9.3	181741.1	-5015.8	12025	10.0	182545.4	-5014.5	12115	10.0	183521.1	-5055.3	12205	10.0	184453.2	-5005.4
11936	10.0	181752.5	-5011.7	12026	10.0	182547.0	-5023.7	12116	10.0	183521.8	-5056.5	12206	6.8	184454.3	-5001.7
11937	10.0	181754.5	-5032.1	12027	10.0	182548.8	-5055.1	12117	10.0	183528.5	-5043.0	12207	10.0	184455.9	-5049.9
11938	8.4	181801.4	-5004.4	12028	10.0	182550.3	-5030.8	12118	9.6	183538.6	-5031.8	12208	10.0	184457.2	-5041.3
11939	10.0	181804.3	-5044.6	12029	9.6	182557.4	-5032.1	12119	10.0	183544.6	-5019.2	12209	8.9	184502.3	-5016.6
11940	9.9	181809.6	-5038.8	12030	10.0	182559.0	-5054.8	12120	10.0	183545.0	-5030.9	12210	8.4	184503.9	-5019.1
11941	9.9	181809.8	-5014.9	12031	10.0	182610.6	-5033.0	12121	10.0	183549.7	-5055.0	12211	10.0	184507.7	-5029.9
11942	10.0	181810.2	-5058.6	12032	10.0	182615.6	-5052.1	12122	6.5	183606.4	-5059.8	12212	10.0	184517.6	-5025.1
11943	9.8	181816.3	-5050.7	12033	10.0	182626.8	-5037.3	12123	10.0	183617.7	-5015.7	12213	9.3	184532.4	-5032.5
11944	10.0	181822.6	-5021.5	12034	10.0	182630.8	-5032.3	12124	10.0	183629.5	-5043.5	12214	8.0	184540.4	-5012.8
11945	10.0	181836.5	-5034.1	12035	10.0	182636.8	-5022.6	12125	10.0	183633.3	-5014.2	12215	10.0	184548.7	-5029.2
11946	10.0	181858.8	-5047.3	12036	10.0	182645.4	-5038.7	12126	10.0	183634.0	-5024.5	12216	10.0	184549.9	-5032.8
11947	9.4	181905.6	-5031.9	12037	10.0	182656.9	-5058.1	12127	10.0	183637.5	-5028.5	12217	10.0	184551.8	-5038.8
11948	10.0	181909.6	-5010.3	12038	10.0	182707.5	-5020.6	12128	10.0	183642.2	-5050.0	12218	10.0	184555.8	-5050.8
11949	10.0	181909.8	-5059.8	12039	10.0	182713.7	-5014.8	12129	10.0	183658.0	-5021.4	12219	9.9	184629.5	-5058.9
11950	9.9	181915.4	-5032.8	12040	10.0	182715.6	-5021.0	12130	10.0	183658.0	-5000.4	12220	10.0	184634.4	-5044.2
11951	9.4	181917.8	-5008.2	12041	10.0	182730.3	-5045.7	12131	10.0	183704.1	-5032.7	12221	10.0	184640.4	-5045.5
11952	10.0	181922.1	-5029.3	12042	10.0	182731.3	-5035.7	12132	9.9	183706.7	-5037.3	12222	10.0	184642.2	-5039.8
11953	10.0	181924.3	-5030.9	12043	10.0	182732.0	-5047.3	12133	8.5	183713.9	-5057.0	12223	10.0	184647.0	-5027.8
11954	10.0	181928.4	-5038.1	12044	10.0	182736.5	-5008.8	12134	10.0	183714.4	-5018.8	12224	10.0	184700.8	-5004.0
11955	10.0	181929.5	-5028.9	12045	8.2	182755.0	-5014.7	12135	6.6	183718.3	-5013.2	12225	10.0	184713.6	-5023.6
11956	10.0	181933.7	-5000.1	12046	10.0	182759.6	-5025.7	12136	10.0	183719.0	-5009.3	12226	8.8	184715.8	-5000.1
11957	10.0	181939.8	-5020.0	12047	10.0	182801.2	-5026.6	12137	10.0	183720.2	-5046.9	12227	10.0	184719.5	-5027.3
11958	10.0	181942.4	-5047.2	12048	10.0	182804.3	-5003.4	12138	9.8	183729.5	-5000.7	12228	9.7	184724.5	-5023.9
11959	9.5	181944.3	-5057.1	12049	10.0	182810.1	-5049.4	12139	10.0	183730.0	-5001.9	12229	10.0	184724.6	-5030.2
11960	10.0	181956.4	-5025.3	12050	9.4	182812.8	-5033.6	12140	9.1	183736.2	-5058.0	12230	10.0	184730.5	-5055.3
11961	10.0	182008.5	-5032.2	12051	10.0	182823.7	-5019.8	12141	9.3	183745.2	-5039.4	12231	10.0	184733.4	-5041.8
11962	10.0	182012.0	-5039.2	12052	10.0	182825.9	-5044.6	12142	9.8	183755.1	-5058.0	12232	10.0	184744.8	-5035.3
11963	9.9	182020.1	-5016.0	12053	8.9	182827.2	-5030.8	12143	9.7	183759.8	-5021.5	12233	10.0	184749.4	-5047.5
11964	10.0	182024.3	-5016.2	12054	10.0	182828.7	-5053.7	12144	10.0	183822.6	-5044.9	12234	10.0	184750.0	-5048.0
11965	10.0	182037.3	-5005.4	12055	10.0	182839.4	-5055.7	12145	10.0	183823.8	-5046.1	12235	10.0	184803.5	-5017.8
11966	10.0	182038.7	-5051.7	12056	10.0	182850.4	-5011.6	12146	10.0	183825.2	-5001.6	12236	9.7	184804.3	-5054.1
11967	10.0	182045.3	-5019.2	12057	10.0	182852.0	-5036.6	12147	10.0	183827.9	-5052.0	12237	10.0	184810.6	-5009.4
11968	9.8	182046.6	-5013.2	12058	9.0	182856.2	-5007.1	12148	10.0	183842.0	-5015.0	12238	9.9	184820.0	-5052.0
11969	10.0	182048.7	-5046.1	12059	10.0	182905.8	-5050.4	12149	8.8	183848.3	-5049.7	12239	9.7	184824.5	-5026.0
11970	9.3	182052.3	-5031.4	12060	10.0	182907.7	-5012.2	12150	10.0	183851.8	-5013.2	12240	10.0	184831.7	-5020.8

-5012241 18h48m

-5012600 19h29m

12241	9.6	184832.0	-5028.5	12331	9.9	185739.8	-5043.0	12421	9.8	190848.9	-5053.9
12242	10.0	184835.3	-5002.6	12332	9.9	185747.7	-5029.4	12422	10.0	190853.9	-5028.5
12243	9.1	184839.0	-5036.3	12333	10.0	185748.4	-5002.2	12423	9.3	190900.3	-5049.8
12244	9.7	184844.3	-5042.7	12334	9.8	185754.9	-5054.9	12424	10.0	190901.0	-5006.0
12245	10.0	184846.1	-5037.1	12335	10.0	185804.8	-5030.6	12425	10.0	190914.7	-5010.0
12246	10.0	184846.1	-5049.3	12336	10.0	185807.6	-5003.5	12426	10.0	190927.2	-5051.6
12247	10.0	184849.1	-5012.5	12337	10.0	185817.5	-5014.8	12427	10.0	190957.2	-5026.5
12248	10.0	184858.1	-5045.3	12338	9.9	185821.0	-5009.0	12428	9.8	190959.9	-5011.7
12249	9.9	184903.4	-5039.9	12339	9.8	185827.7	-5019.9	12429	8.6	191003.5	-5034.0
12250	9.4	184906.5	-5054.8	12340	10.0	185834.5	-5047.9	12430	9.9	191013.4	-5001.6
12251	9.9	184908.0	-5004.1	12341	9.7	185838.2	-5047.9	12431	10.0	191019.5	-5049.5
12252	10.0	184914.5	-5002.6	12342	10.0	185838.4	-5011.3	12432	9.7	191022.3	-5042.0
12253	10.0	184921.7	-5058.8	12343	10.0	185915.0	-5008.2	12433	10.0	191024.8	-5056.0
12254	9.6	184928.1	-5045.6	12344	10.0	185922.4	-5018.9	12434	9.8	191031.7	-5038.0
12255	10.0	184928.8	-5031.8	12345	10.0	185924.2	-5004.1	12435	10.0	191034.4	-5034.0
12256	9.9	184932.5	-5028.7	12346	10.0	185931.4	-5012.0	12436	10.0	191050.8	-5032.9
12257	10.0	184934.8	-5056.8	12347	10.0	185931.7	-5039.1	12437	10.0	191100.9	-5031.5
12258	8.2	184942.8	-5030.5	12348	9.8	185946.6	-5023.2	12438	9.7	191103.7	-5029.0
12259	9.8	184951.2	-5057.4	12349	9.9	185948.0	-5018.3	12439	10.0	191109.9	-5003.0
12260	10.0	185000.8	-5012.1	12350	10.0	185955.8	-5055.0	12440	10.0	191152.8	-5010.5
12261	9.2	185009.4	-5012.5	12351	8.9	185959.0	-5058.5	12441	9.5	191157.8	-5021.6
12262	10.0	185018.8	-5011.5	12352	10.0	190004.4	-5006.8	12442	10.0	191205.2	-5050.6
12263	8.7	185034.6	-5001.2	12353	10.0	190013.3	-5025.4	12443	10.0	191207.6	-5039.6
12264	10.0	185035.8	-5017.4	12354	10.0	190023.8	-5058.0	12444	9.9	191213.9	-5014.8
12265	9.9	185039.6	-5042.7	12355	8.2	190026.1	-5009.1	12445	9.7	191220.4	-5038.0
12266	9.7	185043.6	-5006.2	12356	9.9	190035.1	-5033.1	12446	10.0	191235.8	-5033.6
12267	10.0	185045.8	-5024.1	12357	10.0	190043.6	-5047.6	12447	10.0	191238.7	-5022.7
12268	10.0	185055.6	-5056.8	12358	8.7	190048.0	-5040.0	12448	10.0	191250.3	-5050.0
12269	9.4	185108.3	-5002.2	12359	10.0	190102.3	-5024.0	12449	10.0	191253.2	-5056.0
12270	10.0	185111.5	-5055.4	12360	8.9	190105.1	-5031.1	12450	10.0	191317.0	-5044.0
12271	9.9	185114.4	-5054.7	12361	8.4	190112.6	-5032.2	12451	8.8	191330.4	-5028.5
12272	9.9	185118.2	-5046.7	12362	10.0	190122.6	-5019.0	12452	10.0	191330.9	-5046.0
12273	10.0	185121.1	-5013.9	12363	9.7	190137.9	-5018.1	12453	8.9	191338.2	-5017.0
12274	8.0	185136.4	-5021.1	12364	8.9	190138.2	-5000.2	12454	8.9	191343.4	-5055.3
12275	9.7	185144.1	-5010.7	12365	10.0	190145.3	-5048.3	12455	9.8	191348.4	-5052.8
12276	9.3	185157.4	-5021.7	12366	10.0	190203.5	-5045.2	12456	10.0	191412.7	-5009.8
12277	10.0	185204.8	-5039.8	12367	10.0	190221.2	-5051.2	12457	9.9	191417.3	-5009.8
12278	9.8	185210.0	-5013.9	12368	8.1	190229.1	-5026.6	12458	10.0	191420.4	-5021.8
12279	10.0	185211.7	-5045.4	12369	10.0	190232.3	-5030.6	12459	10.0	191426.4	-5024.6
12280	10.0	185229.0	-5043.2	12370	9.6	190242.4	-5006.4	12460	10.0	191433.1	-5025.6
12281	10.0	185236.4	-5006.6	12371	10.0	190244.8	-5059.6	12461	9.8	191441.0	-5057.6
12282	9.5	185238.5	-5032.7	12372	10.0	190245.4	-5020.9	12462	10.0	191445.1	-5045.5
12283	10.0	185242.3	-5032.4	12373	10.0	190255.2	-5049.2	12463	9.8	191446.0	-5001.3
12284	10.0	185254.0	-5011.4	12374	10.0	190257.5	-5046.3	12464	10.0	191449.4	-5022.8
12285	10.0	185256.5	-5002.3	12375	9.6	190258.1	-5002.6	12465	10.0	191455.0	-5025.6
12286	10.0	185311.0	-5008.4	12376	9.5	190259.8	-5004.3	12466	9.9	191509.6	-5040.1
12287	10.0	185333.0	-5041.0	12377	6.5	190307.2	-5041.3	12467	9.7	191509.7	-5047.1
12288	10.0	185338.3	-5009.5	12378	10.0	190311.6	-5004.4	12468	9.7	191518.3	-5000.9
12289	9.8	185339.3	-5057.6	12379	8.5	190324.2	-5006.5	12469	10.0	191533.0	-5026.6
12290	10.0	185339.8	-5007.7	12380	9.7	190331.0	-5019.2	12470	9.9	191540.8	-5033.6
12291	10.0	185341.0	-5032.0	12381	9.4	190331.4	-5008.9	12471	9.4	191549.1	-5030.5
12292	7.4	185347.7	-5029.5	12382	10.0	190341.0	-5053.9	12472	9.8	191552.0	-5045.2
12293	10.0	185358.6	-5048.0	12383	9.6	190341.6	-5057.3	12473	10.0	191554.8	-5024.6
12294	10.0	185400.6	-5027.0	12384	9.6	190358.0	-5051.4	12474	9.9	191555.5	-5019.6
12295	10.0	185403.7	-5036.8	12385	9.8	190424.9	-5031.0	12475	9.8	191558.2	-5053.0
12296	10.0	185405.2	-5033.0	12386	10.0	190427.7	-5021.8	12476	9.5	191601.2	-5003.7
12297	9.9	185406.6	-5003.4	12387	9.6	190454.2	-5013.5	12477	10.0	191619.1	-5041.4
12298	10.0	185410.6	-5059.1	12388	9.4	190501.7	-5002.0	12478	6.7	191628.5	-5004.8
12299	10.0	185430.0	-5006.0	12389	10.0	190506.4	-5036.0	12479	9.7	191631.7	-5024.4
12300	10.0	185431.5	-5028.1	12390	10.0	190507.4	-5049.0	12480	10.0	191632.2	-5029.9
12301	10.0	185435.0	-5041.8	12391	9.8	190518.2	-5058.9	12481	9.9	191636.8	-5039.1
12302	9.8	185435.2	-5016.7	12392	10.0	190522.4	-5034.4	12482	10.0	191638.6	-5003.8
12303	9.3	185437.2	-5030.8	12393	9.5	190527.6	-5011.8	12483	9.6	191640.8	-5031.6
12304	10.0	185438.0	-5016.9	12394	9.6	190531.3	-5026.9	12484	9.9	191646.5	-5053.5
12305	10.0	185450.2	-5012.8	12395	10.0	190550.9	-5017.7	12485	10.0	191705.3	-5006.8
12306	9.3	185453.2	-5042.9	12396	10.0	190601.9	-5018.1	12486	9.5	191711.4	-5020.4
12307	10.0	185504.9	-5026.7	12397	9.5	190626.0	-5024.2	12487	10.0	191712.6	-5029.6
12308	8.7	185510.1	-5030.8	12398	9.1	190627.4	-5051.3	12488	10.0	191729.8	-5024.2
12309	10.0	185528.2	-5012.9	12399	10.0	190629.4	-5054.4	12489	9.7	191733.9	-5034.1
12310	9.8	185536.9	-5030.2	12400	9.8	190636.0	-5004.3	12490	10.0	191755.7	-5001.4
12311	10.0	185550.5	-5023.5	12401	10.0	190636.7	-5038.0	12491	10.0	191756.4	-5048.1
12312	10.0	185552.0	-5041.4	12402	10.0	190640.9	-5054.1	12492	10.0	191759.4	-5056.6
12313	9.8	185556.9	-5026.1	12403	10.0	190645.2	-5052.0	12493	9.9	191802.8	-5052.0
12314	10.0	185606.6	-5043.4	12404	10.0	190648.9	-5020.0	12494	9.9	191803.6	-5051.6
12315	10.0	185607.0	-5000.1	12405	9.6	190655.8	-5031.8	12495	9.9	191811.6	-5001.8
12316	9.8	185614.5	-5058.1	12406	10.0	190706.8	-5031.0	12496	10.0	191828.2	-5021.6
12317	9.4	185616.3	-5023.8	12407	8.3	190711.4	-5012.0	12497	9.8	191829.4	-5045.8
12318	10.0	185621.6	-5042.0	12408	9.9	190723.3	-5046.5	12498	10.0	191833.4	-5044.1
12319	10.0	185626.0	-5009.1	12409	10.0	190723.9	-5002.4	12499	10.0	191841.5	-5054.6
12320	10.0	185641.7	-5054.7	12410	10.0	190727.6	-5048.9	12500	10.0	191849.0	-5006.0
12321	9.7	185642.9	-5036.5	12411	10.0	190732.7	-5035.5	12501	9.9	191856.7	-5021.6
12322	9.9	185649.6	-5043.6	12412	10.0	190747.0	-5041.0	12502	10.0	191900.7	-5010.4
12323	9.9	185651.3	-5040.5	12413	10.0	190747.0	-5050.6	12503	9.9	191902.4	-5007.8
12324	10.0	185705.2	-5059.0	12414	10.0	190754.2	-5012.6	12504	8.6	191905.4	-5008.1
12325	9.8	185712.2	-5027.9	12415	10.0	190754.6	-5025.5	12505	10.0	191907.4	-5003.8
12326	6.6	185716.0	-5030.5	12416	10.0	190757.3	-5011.6	12506	9.8	191919.8	-5016.4
12327	9.7	185717.2	-5016.9	12417	10.0	190803.1	-5020.6	12507	10.0	191922.7	-5033.6
12328	9.8	185719.6	-5033.0	12418	9.9	190803.4	-5022.6	12508	10.0	191925.8	-5004.7
12329	10.0	185720.1	-5039.2	12419	10.0	190817.6	-5012.0	12509	8.8	191933.7	-5007.1
12330	9.9	185727.1	-5021.4	12420	9.5	190836.9	-5040.0	12510	9.8	191935.3	-5016.0

12511	10.0	191939.5	-5036.1	12521	10.0	192028.4	-5052.7	12531	10.0	192129.2	-5009.4
12512	10.0	191943.2	-5029.6	12522	10.0	192029.4	-5015.6	12532	10.0	192207.4	-5055.6
12513	10.0	191955.6	-5022.9	12523	9.1	192030.2	-5016.2	12533	9.8	192210.5	-5032.0
12514	9.5	191959.4	-5002.5	12524	9.9	192032.2	-5055.6	12534	9.9	192220.3	-5047.1
12515	9.8	191959.9	-5056.1	12525	10.0	192033.0	-5052.6	12535	9.9	192223.9	-5023.0
12516	8.4	192005.0	-5024.3	12526	8.8	192053.8	-5008.9	12536	9.9	192227.4	-5053.2
12517	9.6	192018.3	-5043.3	12527	10.0	192056.7	-5009.9	12537	10.0	192227.4	-5054.2
12518	10.2	192022.1	-5007.9	12528	10.0	192103.4	-5054.1	12538	9.9	192231.7	-5008.8
12519	8.0	192023.5	-5031.4	12529	10.0	192108.0	-5023.2	12539	10.0	192236.6	-5014.2
12520	9.9	192025.9	-5033.4	12530	10.0	192127.5	-5052.1	12540	9.3	192258.2	-5019.5
12521	10.0	192028.4	-5052.7	12531	10.0	192129.2	-5009.4	12541	10.0	192312.0	-5022.2
12522	10.0	192029.4	-5015.6	12532	10.0	192207.4	-5055.6	12542	9.9	192321.0	-5022.8
12523	9.1	192030.2	-5016.2	12533	9.8	192210.5	-5032.0	12543	8.6	192324.0	-5017.2
12524	9.9	192032.2	-5055.6	12534	9.9	192220.3	-5047.1	12544	9.6	192335.1	-5009.9
12525	10.0	192033.0	-5052.6	12535	9.9	192223.9	-5023.0	12545	9.4	192338.7	-5010.1
12526	8.8	192053.8	-5008.9	12536	9.9	192227.4	-5053.2	12546	9.9	192346.2	-5027.7
12527	10.0	192056.7	-5009.9	12537	10.0	192227.4	-5054.2	12547	9.6	192350.0	-5012.0
12528	10.0	192103.4	-5054.1	12538	9.9	192231.7	-5008.8	12548	9.9	192357.9	-5049.5
12529	10.0	192108.0	-5023.2	12539	10.0	192236.6	-5014.2	12549	10.0	192401.9	-5041.6
12530	10.0	192127.5	-5052.1	12540	9.3	192258.2	-5019.5	12550	9.8	192408.9	-5027.9
12531	10.0	192129.2	-5009.4	12541	10.0	192312.0	-5022.2	12551	10.0	192410.2	-5032.6
12532	10.0	192207.4	-5055.6	12542	9.9	192321.0	-5022.8	12552	10.0	192413.6	-5042.2
12533	9.8	192210.5	-5032.0	12543	8.6	192324.0	-5017.2	12553	10.0	192427.6	-5032.8
12534	9.9	192220.3	-5047.1	12544	9.6	192335.1	-5009.9	12554	7.8	192440.6	-5049.7
12535	9.9	192223.9	-5023.0	12545	9.4	192338.7	-5010.1	12555	9.8	192442.8	-5047.2
12536	9.9	192227.4	-5053.2	12546	9.9	192346.2	-5027.7	12556	10.0	192453.2	-5008.5
12537	10.0	192227.4	-5054.2	12547	9.6	192350.0	-5012.0	12557	10.0	192454.3	-5014.7
12538	9.9	192231.7	-5008.8	12548	9.9	192357.9	-5049.5	12558	10.0	192512.1	-5009.8
12539	10.0	192236.6	-5014.2	12549	10.0	192401.9	-5041.6	12559	9.9	192516.0	-5025.8
12540	9.3	192258.2	-5019.5	12550	9.8	192408.9	-5027.9	12560	9.8	192519.2	-5059.7
12541	10.0	192312.0	-5022.2	12551	10.0	192410.2	-5032.6	12561	10.0	192529.7	-5019.9
12542	9.9	192321.0	-5022.8	12552	10.0	192413.6	-5042.2	12562	10.0	192531.0	-5007.4
12543	8.6	192324.0	-5017.2	12553	10.0	192427.6	-5032.8	12563	7.9	192532.9	-5023.6
12544	9.6	192335.1	-5009.9	12554	7.8	192440.6	-5049.7	12564	10.0	192545.8	-5059.2
12545	9.4	192338.7	-5010.1	12555	9.8	192442.8	-5047.2	12565	9.7	192558.6	-5017.8
12546	9.9	192346.2	-5027.7	12556	10.0	192453.2	-5008.5	12566	10.0	192600.6	-5041.6
12547	9.6	192350.0	-5012.0	12557	10.0	192454.3	-5014.7	12567	10.0	192603.7	-5002.1
12548	9.9	192357.9	-5049.5	12558	10.0	192512.1	-5009.8	12568	8.3	192606.9	-5024.2
12549	10.0	192401.9	-5041.6	12559	9.9	192516.0	-5025.8	12569	9.6	192608.5	-5052.2
12550	9.8	192408.9	-5027.9	12560	9.8	192519.2	-5059.7	12570	10.0	192619.4	-5035.6
12551	10.0	192410.2	-5032.6	12561	10.0	192529.7	-5019.9	12571	10.0	192645.2	-5056.2
12552	10.0	192413.6	-5042.2	12562	10.0	192531.0	-5007.4	12572	10.0	192647.8	-5019.4
12553	10.0	192427.6	-5032.8	12563	7.9	192532.9	-5023.6	12573	10.0	192658.7	-5020.2
12554	7.8	192440.6	-5049.7	12564	10.0	192545.8	-5059.2	12574	10.0	192710.0	-5034.7
12555	9.8	192442.8	-5047.2	12565	9.7	192558.6	-5017.8	12575	10.0	192713.9	-5037.2
12556	10.0	192453.2	-5008.5	12566	10.0	192600.6	-5041.6	12576	8.4	192720.0	-5004.4
12557	10.0	192454.3	-5014.7	12567	10.0	192603.7	-5002.1	12577	9.8	192724.9	-5044.2
12558	10.0	192512.1	-5009.8	12568	8.3	192606.9	-5024.2	12578	9.9	192739.9	-5025.8
12559	9.9	192516.0	-5025.8	12569	9.6	192608.5	-5052.2	12579	10.0	192810.8	-5016.8
12560	9.8	192519.2	-5059.7	12570	10.0	192619.4	-5035.6	12580	10.0	192812.2	-5022.4
12561	10.0	192529.7	-5019.9	12571	10.0	192645.2	-5056.2	12581	9.8	192817.7	-5000.9
12562	10.0	192531.0	-5007.4	12572	10.0	192647.8	-5019.4	12582	9.6	192822.4	-5037.8
12563	7.9	192532.9	-5023.6	12573	10.0	192658.7	-5020.2	12583	10.0	192823.6	-5011.9
12564	10.0	192545.8	-5059.2	12574	10.0	192710.0	-5034.7	12584	9.6	192826.0	-5005.6
12565	9.7	192558.6	-5017.8	12575	10.0	192713.9	-5037.2	12585	9.3	192826.5	-5057.4
12566	10.0	192600.6	-5041.6	12576	8.4	192720.0	-5004.4	12586	8.5	192832.0	-5053.7
12567	10.0	192603.7	-5002.1	12577	9.8	192724.9	-5044.2	12587	10.0	192836.1	-5017.2
12568	8.3	192606.9	-5024.2	12578	9.9	192739.9	-5025.8	12588	9.0	192840.3	-5044.0
12569	9.6	192608.5	-5052.2	12579	10.0	192810.8	-5016.8	12589	9.8	192902.9	-5002.1
12570	10.0	192619.4	-5035.6	12580	10.0	192812.2	-5022.4	12590	10.0	192910.6	-5014.8
12571	10.0	192645.2	-5056.2	12581	9.8	192817.7	-5000.9	12591	10.0	192918.3	-5018.2
12572	10.0	192647.8	-5019.4	12582	9.6	192822.4	-5037.8	12592	9.3	192924.8	-5039.0
12573	10.0	192658.7	-5020.2	12583	10.0	192823.6	-5011.9	12593	10.0	192925.2	-5017.2
12574	10.0	192710.0	-5034.7	12584	9.6	192826.0	-5005.6	12594	9.9	192929.1	-5030.8
12575	10.0	192713.9	-5037.2	12585	9.3	192826.5	-5057.4	12595	10.0	192934.3	-5021.4
12576	8.4	192720.0	-5004.4	12586	8.5	192832.0	-5053.7	12596	9.8	192938.5	-5043.5
12577	9.8	192724.9	-5044.2	12587	10.0	192836.1	-5017.2	12597	10.0	192941.8	-5056.8
12578	9.9	192739.9	-5025.8	12588	9.0	192840.3	-5044.0	12598	9.4	192942.4	-5007.9
12579	10.0	192810.8	-5016.8	12589	9.8	192902.9	-5002.1	12599	9.9	192944.8	-5018.0
12580	10.0	192812.2	-5022.4	12590	10.0	192910.6	-5014.8	12600	10.0	192952.2	-5014.8

-5012601 19h30m

-5012960 20h16m

12601	10.0	193001.6	-5008.0	12691	7.5	194040.9	-5054.6	12781	9.7	195317.6	-5023.4
12602	10.0	193006.7	-5058.2	12692	10.0	194042.3	-5007.8	12782	10.0	195317.8	-5032.2
12603	10.0	193010.1	-5044.2	12693	9.7	194045.4	-5013.8	12783	9.8	195341.3	-5043.7
12604	9.8	193017.9	-5015.2	12694	9.7	194104.4	-5037.8	12784	10.0	195352.4	-5043.7
12605	10.0	193025.3	-5057.7	12695	10.0	194109.8	-5044.8	12785	10.0	195355.2	-5018.9
12606	10.0	193029.2	-5042.7	12696	10.0	194129.7	-5005.0	12786	10.0	195400.0	-5050.7
12607	7.3	193035.8	-5013.7	12697	9.9	194138.5	-5027.9	12787	9.9	195400.4	-5016.4
12608	9.9	193044.6	-5043.6	12698	9.9	194159.6	-5031.5	12788	10.0	195402.0	-5056.2
12609	9.9	193052.4	-5036.7	12699	9.3	194223.0	-5008.0	12789	10.0	195405.0	-5000.9
12610	9.9	193058.3	-5029.8	12700	10.0	194232.6	-5016.2	12790	9.4	195408.0	-5021.2
12611	10.0	193058.8	-5042.6	12701	10.0	194237.5	-5027.3	12791	10.0	195410.1	-5026.8
12612	9.9	193107.1	-5007.6	12702	9.7	194253.8	-5015.3	12792	10.0	195415.4	-5042.7
12613	10.0	193128.9	-5013.8	12703	10.0	194255.4	-5028.4	12793	10.0	195418.0	-5029.4
12614	9.7	193136.6	-5031.7	12704	9.8	194258.6	-5023.1	12794	9.9	195440.0	-5009.3
12615	9.8	193152.1	-5042.0	12705	9.4	194309.2	-5014.5	12795	10.0	195441.8	-5025.7
12616	9.9	193159.3	-5015.6	12706	9.8	194335.8	-5016.6	12796	10.0	195447.0	-5019.0
12617	10.0	193220.2	-5011.3	12707	10.0	194351.4	-5035.6	12797	9.8	195449.4	-5007.0
12618	10.0	193225.7	-5000.6	12708	9.9	194405.4	-5024.5	12798	10.0	195453.4	-5045.7
12619	10.0	193233.0	-5003.6	12709	10.0	194407.6	-5040.4	12799	10.0	195530.1	-5031.1
12620	10.0	193236.8	-5016.6	12710	10.0	194411.8	-5054.8	12800	8.4	195532.2	-5006.3
12621	9.1	193241.2	-5023.1	12711	9.3	194421.3	-5014.4	12801	10.0	195533.9	-5051.9
12622	9.8	193243.2	-5016.6	12712	9.5	194425.9	-5053.0	12802	10.0	195612.6	-5057.8
12623	10.0	193244.1	-5015.6	12713	9.1	194428.0	-5028.1	12803	10.0	195617.5	-5026.5
12624	9.9	193245.5	-5028.0	12714	9.8	194428.4	-5030.6	12804	9.5	195632.2	-5058.1
12625	9.7	193249.2	-5054.2	12715	9.7	194432.0	-5011.3	12805	9.5	195633.9	-5057.4
12626	7.5	193251.0	-5046.8	12716	10.0	194432.2	-5059.4	12806	9.7	195653.2	-5046.8
12627	9.7	193253.8	-5051.8	12717	9.3	194447.8	-5052.7	12807	8.9	195728.8	-5003.7
12628	10.0	193257.9	-5016.6	12718	9.6	194452.0	-5013.0	12808	10.0	195730.0	-5025.2
12629	7.0	193302.8	-5057.3	12719	10.0	194526.1	-5025.2	12809	10.0	195735.5	-5015.0
12630	9.9	193322.6	-5008.6	12720	9.1	194529.3	-5028.1	12810	8.2	195736.2	-5055.8
12631	9.8	193331.7	-5051.8	12721	9.8	194535.8	-5011.2	12811	9.9	195749.2	-5042.0
12632	9.8	193333.5	-5049.8	12722	9.6	194544.8	-5012.6	12812	9.8	195758.3	-5037.3
12633	10.0	193349.4	-5053.9	12723	10.0	194601.4	-5058.1	12813	10.0	195818.0	-5049.8
12634	10.0	193352.6	-5048.9	12724	10.0	194621.8	-5041.9	12814	9.2	195819.4	-5013.6
12635	10.0	193353.0	-5038.4	12725	10.0	194625.6	-5026.0	12815	10.0	195829.8	-5017.6
12636	10.0	193354.6	-5050.8	12726	10.0	194627.2	-5059.3	12816	10.0	195847.3	-5032.0
12637	10.0	193355.2	-5011.6	12727	9.6	194637.8	-5028.0	12817	10.0	195849.4	-5048.0
12638	8.1	193359.2	-5028.0	12728	10.0	194641.6	-5017.2	12818	10.0	195905.6	-5051.0
12639	10.0	193416.0	-5040.8	12729	9.9	194648.8	-5056.4	12819	10.0	195915.0	-5033.8
12640	9.4	193419.8	-5033.8	12730	9.2	194650.4	-5016.2	12820	10.0	195924.7	-5026.7
12641	10.0	193427.4	-5024.3	12731	10.0	194655.0	-5026.7	12821	10.0	195935.6	-5053.4
12642	9.6	193436.9	-5028.9	12732	10.0	194706.1	-5008.4	12822	9.6	195937.0	-5018.5
12643	10.0	193439.8	-5051.8	12733	9.9	194712.2	-5017.6	12823	9.6	195937.1	-5050.2
12644	10.0	193455.1	-5011.0	12734	10.0	194713.6	-5030.4	12824	9.9	195940.4	-5041.6
12645	10.0	193507.0	-5017.3	12735	10.0	194718.3	-5055.9	12825	9.8	195948.7	-5002.5
12646	9.8	193514.8	-5026.5	12736	8.9	194718.3	-5005.5	12826	9.6	195959.8	-5050.8
12647	9.6	193518.0	-5019.3	12737	10.0	194723.4	-5008.4	12827	10.0	200003.2	-5059.4
12648	9.4	193520.0	-5053.0	12738	10.0	194742.0	-5026.6	12828	9.1	200014.5	-5048.0
12649	9.3	193532.6	-5014.3	12739	10.0	194749.2	-5035.6	12829	9.8	200021.4	-5059.0
12650	9.9	193535.0	-5012.3	12740	9.1	194759.8	-5047.6	12830	10.0	200023.2	-5027.5
12651	10.0	193537.2	-5006.1	12741	9.4	194801.6	-5040.8	12831	10.0	200025.5	-5028.8
12652	9.4	193541.6	-5050.7	12742	10.0	194808.7	-5037.0	12832	10.0	200036.0	-5045.4
12653	9.9	193557.3	-5034.3	12743	10.0	194809.2	-5023.5	12833	10.0	200039.8	-5053.9
12654	9.3	193557.8	-5031.3	12744	10.0	194827.1	-5052.6	12834	10.0	200046.0	-5047.0
12655	8.1	193606.5	-5017.3	12745	10.0	194833.6	-5003.8	12835	10.0	200101.4	-5036.0
12656	9.8	193612.2	-5022.9	12746	10.0	194835.7	-5020.9	12836	10.0	200104.3	-5055.5
12657	10.0	193615.4	-5046.8	12747	9.9	194838.3	-5046.9	12837	10.0	200104.5	-5038.4
12658	10.0	193615.6	-5036.8	12748	10.0	194841.6	-5039.0	12838	8.8	200107.0	-5009.7
12659	10.0	193617.0	-5057.1	12749	9.9	194850.2	-5025.0	12839	10.0	200118.9	-5019.5
12660	10.0	193627.2	-5042.5	12750	10.0	194858.8	-5053.7	12840	9.7	200121.0	-5028.0
12661	10.0	193642.4	-5031.8	12751	9.9	194908.4	-5017.3	12841	10.0	200123.7	-5046.6
12662	9.9	193643.4	-5017.5	12752	10.0	194912.3	-5014.3	12842	10.0	200125.2	-5036.0
12663	9.9	193651.6	-5033.5	12753	9.7	194916.2	-5030.6	12843	9.2	200136.4	-5020.0
12664	9.8	193653.4	-5005.1	12754	9.5	194916.3	-5054.3	12844	10.0	200139.3	-5009.5
12665	9.6	193707.4	-5024.4	12755	10.0	194921.6	-5029.6	12845	10.0	200147.8	-5028.5
12666	10.0	193719.8	-5003.8	12756	10.0	194938.4	-5037.6	12846	10.0	200153.8	-5014.5
12667	10.0	193721.0	-5010.6	12757	10.0	194938.6	-5017.5	12847	9.5	200202.2	-5014.5
12668	9.8	193725.9	-5021.3	12758	10.0	194940.6	-5005.8	12848	10.0	200202.7	-5035.0
12669	10.0	193729.7	-5036.2	12759	9.9	195015.0	-5046.5	12849	9.9	200209.6	-5014.5
12670	9.7	193730.6	-5024.3	12760	9.7	195017.7	-5017.5	12850	10.0	200234.3	-5008.6
12671	10.0	193735.2	-5028.9	12761	8.7	195026.7	-5037.8	12851	10.0	200234.8	-5048.5
12672	10.0	193740.3	-5041.6	12762	10.0	195036.4	-5053.3	12852	10.0	200249.3	-5006.5
12673	10.0	193741.8	-5030.9	12763	6.9	195047.0	-5033.1	12853	10.0	200253.2	-5039.0
12674	9.1	193753.9	-5040.9	12764	10.0	195047.9	-5045.1	12854	10.0	200253.8	-5019.2
12675	9.5	193818.8	-5011.8	12765	10.0	195049.1	-5050.6	12855	9.9	200300.5	-5003.9
12676	9.7	193818.9	-5030.2	12766	10.0	195107.5	-5043.9	12856	9.2	200307.1	-5036.2
12677	9.6	193822.6	-5007.1	12767	10.0	195118.5	-5001.2	12857	7.8	200327.2	-5040.6
12678	9.5	193833.6	-5025.2	12768	9.9	195122.6	-5028.8	12858	9.9	200335.4	-5007.0
12679	10.0	193840.8	-5012.8	12769	10.0	195128.3	-5000.3	12859	10.0	200336.1	-5013.5
12680	9.9	193848.6	-5022.1	12770	10.0	195133.9	-5042.5	12860	9.8	200338.1	-5022.7
12681	10.0	193901.2	-5052.2	12771	10.0	195146.4	-5053.7	12861	10.0	200342.8	-5036.0
12682	10.0	193902.0	-5051.3	12772	10.0	195147.9	-5058.7	12862	10.0	200344.8	-5059.2
12683	10.0	193909.4	-5004.2	12773	10.0	195208.0	-5000.9	12863	10.0	200347.2	-5016.6
12684	9.9	193939.4	-5044.8	12774	9.9	195210.3	-5038.2	12864	10.0	200426.9	-5038.2
12685	10.0	193943.7	-5059.8	12775	9.9	195217.0	-5019.2	12865	9.9	200429.5	-5032.7
12686	9.7	193958.0	-5050.8	12776	9.9	195219.1	-5049.2	12866	9.3	200433.3	-5039.3
12687	10.0	194008.8	-5056.8	12777	10.0	195244.7	-5029.1	12867	10.0	200434.7	-5021.4
12688	8.7	194019.8	-5050.7	12778	8.8	195249.2	-5019.3	12868	8.2	200439.2	-5041.4
12689	10.0	194026.4	-5002.4	12779	9.5	195304.6	-5028.6	12869	9.9	200440.9	-5050.2
12690	10.0	194035.8	-5024.4	12780	8.6	195311.6	-5022.9	12870	10.0	200448.4	-5028.0
12871	9.8	200451.5	-5059.3								
12872	9.6	200458.4	-5029.3								
12873	9.9	200518.2	-5034.7								
12874	9.4	200523.7	-5037.8								
12875	10.0	200529.4	-5050.7								
12876	10.0	200546.5	-5016.6								
12877	9.4	200547.8	-5011.1								
12878	9.8	200550.4	-5044.2								
12879	10.0	200550.8	-5039.7								
12880	10.0	200553.0	-5029.7								
12881	9.4	200615.2	-5016.4								
12882	9.7	200619.4	-5004.1								
12883	9.1	200647.6	-5030.6								
12884	9.7	200706.0	-5008.2								
12885	10.0	200707.4	-5000.6								
12886	10.0	200708.4	-5035.2								
12887	10.0	200714.3	-5032.2								
12888	10.0	200718.8	-5034.2								
12889	10.0	200722.5	-5033.3								
12890	9.1	200736.8	-5037.5								
12891	9.4	200737.2	-5005.7								
12892	9.8	200748.1	-5021.6								
12893	10.0	200755.6	-5007.2								
12894	10.0	200805.6	-5014.6								
12895	10.0	200812.6	-5044.3								
12896	8.7	200821.0	-5056.4								
12897	10.0	200823.5	-5008.6								
12898	10.0	200838.0	-5050.2								
12899	9.9	200855.0	-5034.2								
12900	10.0	200904.6	-5055.3								
12901	10.0	200908.6	-5048.2								
12902	10.0	200910.0	-5001.6								
12903	10.0	200911.9	-5012.6								
12904	9.6	200913.2	-5004.6								
12905	9.5	200918.2	-5006.6								
12906	9.4	200932.7	-5023.6								
12907	10.0	200932.8	-5059.8								
12908	9.7	200946.7	-5049.2								
12909	10.0	200949.8	-5022.3								
12910	9.9	200955.5	-5000.6								
12911	10.0	201001.6	-5033.8								
12912	10.0	201003.1	-5041.2								
12913	10.0	201011.3	-5036.0								
12914	9.5	201020.2	-5023.4								
12915	9.6	201049.4	-5008.1								
12916	10.0	201056.8	-5024.0								
12917	9.9	201107.8	-5054.4								
12918	10.0	201108.0	-5012.7								
12919	10.0	201119.8	-5054.4								
12920	9.3	201130.3	-5012.5								
12921	10.0	201131.9	-5017.7								
12922	10.0	201142.5	-5015.7								
12923	6.8	201151.7	-5024.4								
12924	10.0	201211.6	-5040.4								
12925	10.0	201218.0	-5044.4								
12926	9.6	201225.5	-5001.7								
12927	9.4	201229.6	-5043.9								
12928	9.7	201233.9	-5012.0								
12929	5.5	201236.0	-5022.9								
12930	10.0	201255.1	-5034.9								
12931	9.7	201306.3	-5008.2								
12932	10.0	201309.4	-5032.3								
12933	10.0	201311.3	-5019.7								
12934	10.0	201314.7	-5021.7								
12935	10.0	201331.1	-5037.5								
12936	9.6	201332.1	-5057.0								
12937	9.9	201335.0	-5036.4								
12938	10.0	201336.4	-5044.4								
12939	8.0	201337.4	-5053.3								
12940	9.6	201359.4	-5010.2								
12941	10.0	201410.2	-5041.1								
12942	10.0	201422.0	-5035.3								
12943	9.0	201429.1	-5011.6								
12944	9.3	201434.1	-5010.4								
12945	10.0	201439.0	-5033.0								
12946	9.9	201439.0	-5041.0								
12947	10.0	201449.9	-5055.0								
12948	9.8	201507.2	-5037.9								
12949	10.0	201517.5	-5032.7								
12950	10.0	201517.8	-5058.1								
12951	9.7	201524.9	-5049.2								
12952	8.0	201530.2	-5017.6								
12953	9.9	201532.6	-5053.1								
12954	10.0	201535.4	-5000.8								
12955	10.0	201536.5	-5015.3								
12956	9.7	201541.1	-5032.9								
12957	10.0	201557.2	-5028.4								
12958	10.0	201559.6	-5007.5								
12959	8.6	201617.4	-5015.7								
12960	10.0	201626.2	-5002.2								

12961	10.0	201642.6	-5041.0	13051	9.6	202756.7	-5044.6	13141	9.0	203941.3	-5058.2
12962	10.0	201700.1	-5018.8	13052	9.2	202801.4	-5012.9	13142	9.9	203944.0	-5045.6
12963	9.8	201706.6	-5025.0	13053	9.9	202816.9	-5055.1	13143	10.0	203950.8	-5050.4
12964	10.0	201709.5	-5043.1	13054	9.8	202825.2	-5038.0	13144	10.0	203953.5	-5018.2
12965	10.0	201710.5	-5039.1	13055	10.0	202837.4	-5023.6	13145	9.8	203958.2	-5014.0
12966	10.0	201727.3	-5039.1	13056	10.0	202843.1	-5042.3	13146	10.0	204009.2	-5048.4
12967	10.0	201746.2	-5012.8	13057	10.0	202849.9	-5013.5	13147	10.0	204048.9	-5005.1
12968	10.0	201748.5	-5011.8	13058	10.0	202852.3	-5028.0	13148	10.0	204057.0	-5027.4
12969	10.0	201803.8	-5008.8	13059	10.0	202901.2	-5043.4	13149	10.0	204136.8	-5011.2
12970	10.0	201806.0	-5037.8	13060	9.4	202912.3	-5023.4	13150	9.7	204143.4	-5051.9
12971	9.7	201813.7	-5012.2	13061	9.5	202912.5	-5033.4	13151	10.0	204149.0	-5036.5
12972	10.0	201815.3	-5025.8	13062	9.7	202916.7	-5044.9	13152	9.1	204156.4	-5028.4
12973	10.0	201821.1	-5059.1	13063	9.6	202920.4	-5003.9	13153	10.0	204213.8	-5058.6
12974	10.0	201826.6	-5057.1	13064	10.0	202924.5	-5031.3	13154	9.9	204214.2	-5037.8
12975	8.1	201836.0	-5010.3	13065	9.2	202926.3	-5017.0	13155	10.0	204223.7	-5045.4
12976	10.0	201841.7	-5026.4	13066	10.0	202928.2	-5031.8	13156	10.0	204230.7	-5041.4
12977	9.6	201902.4	-5014.8	13067	10.0	202937.8	-5030.3	13157	10.0	204236.2	-5025.8
12978	9.9	201914.6	-5040.0	13068	10.0	202943.4	-5058.8	13158	9.9	204243.1	-5042.2
12979	10.0	201918.0	-5040.1	13069	10.0	202947.4	-5034.4	13159	10.0	204253.3	-5037.0
12980	10.0	201922.4	-5024.1	13070	9.9	202952.0	-5026.2	13160	10.0	204256.3	-5035.0
12981	9.5	201927.9	-5042.3	13071	10.0	202953.6	-5035.3	13161	8.3	204357.9	-5059.4
12982	10.0	201928.7	-5059.1	13072	10.0	203003.4	-5042.9	13162	10.0	204410.9	-5017.3
12983	9.8	201943.6	-5030.8	13073	10.0	203011.9	-5004.0	13163	10.0	204428.7	-5031.0
12984	10.0	201948.4	-5031.4	13074	10.0	203012.3	-5000.0	13164	10.0	204435.4	-5028.0
12985	10.0	201955.1	-5033.1	13075	10.0	203032.8	-5025.5	13165	10.0	204435.6	-5036.3
12986	10.0	201959.2	-5011.0	13076	10.0	203036.9	-5057.3	13166	9.9	204438.2	-5051.5
12987	9.9	202003.5	-5034.1	13077	10.0	203042.3	-5000.1	13167	9.6	204446.0	-5041.4
12988	10.0	202010.1	-5045.1	13078	10.0	203117.2	-5040.9	13168	9.5	204450.5	-5009.3
12989	9.7	202015.2	-5037.6	13079	10.0	203127.0	-5000.1	13169	10.0	204518.2	-5017.8
12990	10.0	202015.8	-5042.1	13080	9.9	203130.2	-5035.8	13170	9.8	204530.4	-5036.5
12991	8.0	202021.6	-5011.4	13081	10.0	203134.6	-5014.5	13171	10.0	204538.8	-5031.5
12992	9.7	202023.6	-5006.8	13082	10.0	203141.6	-5011.0	13172	9.4	204544.9	-5006.2
12993	9.7	202025.4	-5008.3	13083	9.4	203148.5	-5048.4	13173	9.7	204552.8	-5019.3
12994	9.8	202028.8	-5035.1	13084	9.0	203153.6	-5033.5	13174	10.0	204600.4	-5007.5
12995	9.6	202043.2	-5017.0	13085	10.0	203207.5	-5008.1	13175	10.0	204608.0	-5038.5
12996	10.0	202046.7	-5028.0	13086	10.0	203220.8	-5028.3	13176	9.8	204628.8	-5035.7
12997	9.5	202051.2	-5023.8	13087	9.5	203225.5	-5040.4	13177	10.0	204632.7	-5059.5
12998	10.0	202055.7	-5035.2	13088	10.0	203232.3	-5028.8	13178	10.0	204645.6	-5024.4
12999	9.8	202058.0	-5043.2	13089	9.0	203246.8	-5006.3	13179	8.9	204714.8	-5030.0
13000	10.0	202105.2	-5029.5	13090	10.0	203249.7	-5040.8	13180	10.0	204724.6	-5038.5
13001	10.0	202105.4	-5031.2	13091	10.0	203257.9	-5037.9	13181	9.0	204809.4	-5059.7
13002	10.0	202114.3	-5003.8	13092	10.0	203259.1	-5029.3	13182	10.0	204842.0	-5026.6
13003	10.0	202114.4	-5049.6	13093	7.7	203300.4	-5042.2	13183	9.4	204855.6	-5048.8
13004	10.0	202116.6	-5015.8	13094	10.0	203332.1	-5034.9	13184	10.0	204905.0	-5005.3
13005	9.6	202129.8	-5016.0	13095	10.0	203338.4	-5058.4	13185	9.9	204907.6	-5051.0
13006	10.0	202135.0	-5044.2	13096	10.0	203351.2	-5047.9	13186	9.8	204916.8	-5011.2
13007	9.7	202150.9	-5001.3	13097	10.0	203353.3	-5029.4	13187	10.0	204919.9	-5052.5
13008	10.0	202154.2	-5016.0	13098	9.7	203357.0	-5048.5	13188	9.7	204923.1	-5011.4
13009	10.0	202200.9	-5007.8	13099	8.0	203357.7	-5055.4	13189	10.0	204937.6	-5017.3
13010	9.6	202202.0	-5032.7	13100	10.0	203402.0	-5011.5	13190	10.0	204941.7	-5026.3
13011	10.0	202203.6	-5009.8	13101	10.0	203405.0	-5019.5	13191	10.0	204953.7	-5024.3
13012	10.0	202204.0	-5033.2	13102	9.0	203412.0	-5025.9	13192	10.0	204958.3	-5053.5
13013	10.0	202208.5	-5050.8	13103	10.0	203420.0	-5056.9	13193	10.0	205003.6	-5035.5
13014	10.0	202209.3	-5053.2	13104	10.0	203422.2	-5058.0	13194	10.0	205007.0	-5035.5
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13017	9.2	202221.0	-5036.8	13107	10.0	203450.4	-5038.9	13197	10.0	205106.2	-5042.5
13018	10.0	202237.5	-5000.4	13108	10.0	203450.7	-5003.1	13198	10.0	205107.3	-5014.3
13019	10.0	202245.3	-5043.8	13109	10.0	203453.0	-5042.9	13199	9.3	205116.8	-5004.6
13020	7.7	202253.2	-5036.2	13110	9.9	203456.1	-5011.1	13200	10.0	205130.8	-5031.0
13021	10.0	202307.4	-5005.8	13111	9.4	203511.0	-5008.1	13201	10.0	205132.2	-5025.4
13022	10.0	202308.6	-5021.2	13112	10.0	203514.0	-5035.4	13202	10.0	205139.9	-5051.5
13023	9.9	202310.8	-5048.5	13113	10.0	203545.6	-5013.5	13203	10.0	205155.0	-5059.8
13024	10.0	202312.1	-5035.4	13114	7.2	203557.4	-5056.2	13204	10.0	205203.4	-5028.0
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13027	10.0	202437.0	-5052.0	13117	10.0	203624.0	-5019.1	13207	10.0	205235.4	-5002.3
13028	10.0	202445.7	-5032.2	13118	10.0	203644.4	-5002.6	13208	10.0	205240.9	-5006.4
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13037	10.0	202607.9	-5040.5	13127	10.0	203748.7	-5024.0	13217	10.0	205350.5	-5008.4
13038	8.5	202614.7	-5010.5	13128	10.0	203750.4	-5052.3	13218	10.0	205416.4	-5037.6
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13040	10.0	202616.9	-5006.9	13130	9.8	203817.2	-5002.0	13220	10.0	205447.8	-5040.6
13041	10.0	202617.4	-5043.4	13131	9.3	203822.0	-5037.6	13221	9.2	205456.6	-5018.3
13042	10.0	202618.8	-5021.9	13132	7.6	203823.0	-5059.9	13222	9.9	205459.5	-5028.0
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13047	10.0	202655.7	-5039.4	13137	10.0	203859.9	-5031.3	13227	9.9	205605.6	-5024.5
13048	9.1	202725.7	-5030.7	13138	10.0	203905.0	-5049.3	13228	9.5	205623.9	-5059.2
13049	10.0	202748.8	-5002.9	13139	8.7	203927.2	-5024.4	13229	10.0	205625.1	-5009.4
13050	10.0	202753.6	-5013.7	13140	9.5	203939.7	-5011.0	13230	10.0	205627.0	-5053.6
13231	9.3	205647.7	-5038.2								
13232	10.0	205653.1	-5010.4								
13233	10.0	205706.8	-5024.4								
13234	10.0	205711.9	-5008.4								
13235	10.0	205742.8	-5030.6								
13236	10.0	205745.0	-5054.6								
13237	9.1	205747.6	-5027.0								
13238	10.0	205755.2	-5057.6								
13239	10.0	205817.2	-5031.6								
13240	9.7	205825.6	-5008.3								
13241	9.9	205839.6	-5002.0								
13242	9.6	205839.7	-5026.4								
13243	9.9	205846.2	-5004.8								
13244	10.0	205932.0	-5050.7								
13245	10.0	205939.7	-5031.7								
13246	9.9	210023.9	-5052.0								
13247	9.8	210054.1	-5004.8								
13248	10.0	210135.2	-5048.1								
13249	10.0	210139.8	-5044.6								
13250	9.7	210140.0	-5053.7								
13251	10.0	210149.4	-5029.1								
13252	10.0	210156.6	-5042.1								
13253	10.0	210204.6	-5041.6								
13254	10.0	210205.4	-5019.8								
13255	10.0	210210.8	-5001.8								
13256	10.0	210212.2	-5013.0								
13257	10.0	210227.0	-5004.4								
13258	10.0	210232.9	-5009.8								
13259	10.0	210234.6	-5019.2								
13260	10.0	210255.7	-5003.8								
13261	10.0	210308.8	-5035.1								
13262	10.0	210312.0	-5046.6								
13263	10.0	210324.8	-5044.1								
13264	9.8	210332.4	-5052.9								
13265	10.0	210332.8	-5051.6								
13266	9.2	210332.8	-5014.5								
13267	9.7	210356.0	-5031.9								
13268	9.8	210417.5	-5026.2								
13269	10.0	210420.6	-5015.4								
13270	10.0	210444.1	-5052.1								
13271	8.0	210448.9	-5018.4								
13272	9.7	210502.1	-5035.4								
13273	9.9	210505.0	-5010.9								
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13275	10.0	210519.0	-5003.0								
13276	9.2	210610.7	-5028.2								
13277	10.0	210639.4	-5048.2								
13278	9.9	210646.2	-5046.8								
13279	10.0	210657.2	-5041.7								
13280	10.0	210709.9	-5019.1								
13281	9.8	210713.5	-5003.9								
13282	9.9	210713.6	-5045.7								
13283	9.8	210720.6	-5036.8								
13284	8.9	210725.9	-5052.0								
13285	10.0	210741.4	-5023.9								
13286	10.0	210753.1	-5004.9								
13287	9.7	210802.3	-5001.2								
13288	9.4	210803.0	-5057.7								
13289	7.5	210808.1	-5029.0								
13290	9.3	210809.6	-5050.6								
13291	10.0	210819.8	-5006.1								
13292	9.8	210839.8	-5011.3								
13293	9.6	210848.4	-5010.7								
13294	9.5	210850.2	-5008.8								
13295	8.6	210858.8	-5037.2								
13296	10.0	210917.8	-5001.7								
13297	10.0	210923.1	-5034.7								
13298	9.9	210924.7	-5002.7								
13299	10.0	210936.9	-5047.2								
13300	9.0	210949.7	-5041.8								
13301	10.0	210954.2	-5039.7								
13302	10.0	210954.3	-5015.1								
13303	10.0	211028.6	-5025.3								
13304	9.8	211030.4	-5059.6								
13305	10.0	211036.6	-5010.7								
13306	7.3	211038.0	-5008.1								
13307	9.7	211046.5	-5028.1								
13308	9.6	211058.3	-5017.3								
13309	9.8	211103.0	-5033.4								
13310	9.4	211108.7	-5008.2								
13311	8.0	211110.6	-5047.8								
13312	10.0	211113.0	-5050.2								
13313	9.9	211118.4	-5028.7								
13314	10.0	211127.9	-5058.6								
13315	9.9	211134.0	-5007.4								
13316	9.5	211138.4	-5042.7								
13317	9.7	211151.3	-5021.2								
13318	10.0	211154.2	-5042.7								
13319	10.0	211202.4	-5003.3								
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-5013321 21h12m

-5013680 22h19m

13321	10.0	211208.7	-5009.2	13411	8.1	212633.4	-5020.5	13501	10.0	214353.0	-5015.2	13591	9.9	220003.7	-5028.0
13322	10.0	211209.0	-5044.7	13412	10.0	212721.8	-5055.7	13502	9.7	214353.9	-5038.8	13592	9.9	220009.0	-5026.0
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13324	8.3	211238.8	-5032.0	13414	10.0	212752.0	-5030.0	13504	7.7	214417.7	-5010.2	13594	7.8	220016.2	-5042.7
13325	6.4	211241.5	-5027.6	13415	9.3	212759.0	-5040.5	13505	10.0	214435.6	-5017.5	13595	9.9	220019.7	-5001.5
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13328	10.0	211300.8	-5003.0	13418	9.9	212834.5	-5057.9	13508	10.0	214508.0	-5042.8	13598	9.3	220100.9	-5029.6
13329	9.4	211306.2	-5023.0	13419	10.0	212838.2	-5048.4	13509	9.6	214509.6	-5055.6	13599	9.9	220102.3	-5000.7
13330	9.0	211306.5	-5024.0	13420	10.0	212856.9	-5030.2	13510	10.0	214514.8	-5012.8	13600	10.0	220206.7	-5016.7
13331	10.0	211308.8	-5052.2	13421	10.0	212900.2	-5028.2	13511	9.9	214515.0	-5020.0	13601	10.0	220252.8	-5055.6
13332	10.0	211320.0	-5050.2	13422	10.0	212907.0	-5035.5	13512	10.0	214524.3	-5054.7	13602	10.0	220349.7	-5008.0
13333	7.5	211323.5	-5042.6	13423	9.7	212927.1	-5025.8	13513	10.0	214527.1	-5018.8	13603	10.0	220353.7	-5019.7
13334	9.8	211329.0	-5053.2	13424	10.0	212928.4	-5027.0	13514	10.0	214533.2	-5036.3	13604	8.7	220417.2	-5019.5
13335	10.0	211336.9	-5048.8	13425	10.0	212934.0	-5052.0	13515	10.0	214544.0	-5002.6	13605	9.3	220435.1	-5053.5
13336	10.0	211342.0	-5019.6	13426	10.0	212939.4	-5004.6	13516	10.0	214608.2	-5025.5	13606	10.0	220449.0	-5051.6
13337	9.7	211428.3	-5042.0	13427	10.0	213000.2	-5050.0	13517	10.0	214612.4	-5031.8	13607	10.0	220449.6	-5000.8
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13339	9.7	211458.8	-5054.4	13429	10.0	213016.4	-5058.4	13519	10.0	214700.9	-5013.2	13609	9.9	220508.6	-5049.6
13340	10.0	211500.3	-5020.6	13430	10.0	213023.0	-5056.0	13520	10.0	214702.6	-5031.3	13610	10.0	220510.4	-5004.8
13341	10.0	211513.2	-5005.6	13431	10.0	213038.4	-5038.0	13521	10.0	214708.1	-5023.6	13611	10.0	220512.0	-5017.7
13342	9.7	211516.3	-5010.1	13432	10.0	213043.1	-5027.4	13522	10.0	214713.0	-5006.5	13612	10.0	220524.8	-5011.7
13343	10.0	211520.7	-5051.7	13433	9.7	213050.7	-5012.6	13523	9.9	214714.5	-5016.0	13613	10.0	220538.6	-5059.6
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13347	9.5	211627.0	-5007.4	13437	9.4	213142.3	-5042.2	13527	9.8	214819.1	-5008.9	13617	9.7	220635.0	-5037.5
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13350	10.0	211716.1	-5019.0	13440	10.0	213223.2	-5011.4	13530	10.0	214848.4	-5041.5	13620	9.3	220734.7	-5010.1
13351	10.0	211717.2	-5009.0	13441	10.0	213256.8	-5056.6	13531	10.0	214854.3	-5036.8	13621	10.0	220801.0	-5018.7
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13355	10.0	211820.8	-5057.8	13445	10.0	213359.3	-5058.4	13535	9.8	214936.2	-5055.5	13625	9.5	220821.6	-5058.5
13356	9.7	211822.1	-5034.8	13446	7.6	213359.6	-5039.5	13536	10.0	214940.9	-5059.9	13626	9.3	220831.3	-5001.0
13357	10.0	211830.9	-5047.8	13447	10.0	213413.5	-5055.2	13537	10.0	214941.2	-5001.2	13627	9.7	220855.5	-5043.0
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13359	10.0	211839.8	-5048.4	13449	10.0	213442.9	-5015.7	13539	9.5	214954.3	-5001.2	13629	10.0	220918.5	-5005.3
13360	10.0	211851.3	-5001.4	13450	9.7	213445.3	-5006.0	13540	10.0	215002.2	-5014.9	13630	8.8	220926.2	-5041.9
13361	9.7	211859.1	-5038.5	13451	10.0	213455.2	-5032.7	13541	9.8	215006.8	-5037.9	13631	9.6	220927.8	-5019.7
13362	10.0	211900.6	-5057.7	13452	9.3	213457.7	-5012.4	13542	9.7	215011.1	-5050.5	13632	9.9	220931.7	-5031.6
13363	9.3	211902.9	-5004.7	13453	10.0	213537.6	-5008.8	13543	10.0	215015.2	-5016.7	13633	9.8	220939.6	-5050.7
13364	9.3	211914.4	-5037.4	13454	10.0	213604.4	-5015.4	13544	9.3	215026.2	-5048.5	13634	10.0	220951.2	-5051.7
13365	10.0	211915.6	-5015.6	13455	9.8	213605.4	-5002.2	13545	10.0	215104.7	-5029.3	13635	8.0	220952.9	-5056.8
13366	10.0	211947.2	-5005.0	13456	10.0	213607.2	-5049.0	13546	10.0	215113.7	-5016.6	13636	9.8	221026.8	-5026.3
13367	9.7	212005.5	-5011.1	13457	9.5	213609.8	-5051.0	13547	9.0	215140.3	-5050.4	13637	9.4	221031.1	-5000.9
13368	10.0	212007.1	-5056.4	13458	10.0	2 3613.9	-5029.7	13548	10.0	215201.2	-5052.3	13638	10.0	221032.1	-5005.4
13369	10.0	212039.6	-5047.4	13459	9.9	2·3619.2	-5040.0	13549	9.2	215204.3	-5017.2	13639	10.0	221039.4	-5001.8
13370	7.4	212042.1	-5051.7	13460	10.0	2·3623.7	-5029.2	13550	9.9	215216.1	-5035.4	13640	8.5	221044.9	-5031.7
13371	9.4	212104.3	-5002.9	13461	10.0	2 3644.6	-5038.2	13551	9.3	215216.5	-5050.3	13641	10.0	221045.4	-5039.7
13372	10.0	212108.0	-5010.6	13462	10.0	2.3651.9	-5031.3	13552	9.9	215216.7	-5021.6	13642	10.0	221046.9	-5031.3
13373	7.6	212111.2	-5053.0	13463	6.6	2.3701.0	-5004.4	13553	10.0	215223.8	-5046.5	13643	10.0	221123.8	-5006.8
13374	9.9	212111.9	-5015.8	13464	10.0	213716.6	-5051.4	13554	9.3	215231.2	-5037.9	13644	9.9	221128.2	-5031.7
13375	10.0	212121.0	-5048.4	13465	10.0	213812.7	-5048.8	13555	9.7	215311.5	-5046.0	13645	10.0	221145.8	-5012.4
13376	9.4	212134.8	-5041.9	13466	10.0	213817.1	-5017.9	13556	10.0	215311.9	-5019.6	13646	9.7	221156.0	-5056.3
13377	10.0	212137.4	-5037.4	13467	9.9	213831.5	-5014.7	13557	9.9	215318.5	-5036.5	13647	9.1	221224.4	-5059.5
13378	10.0	212149.8	-5015.2	13468	10.0	213842.4	-5012.4	13558	9.7	215331.2	-5000.8	13648	9.8	221232.2	-5005.7
13379	8.9	212217.9	-5001.7	13469	10.0	213847.6	-5004.0	13559	10.0	215340.7	-5034.4	13649	10.0	221317.2	-5010.8
13380	10.0	212220.0	-5006.6	13470	10.0	213850.7	-5039.8	13560	10.0	215352.4	-5041.0	13650	9.8	221327.6	-5021.1
13381	9.9	212221.9	-5032.0	13471	10.0	213851.6	-5037.2	13561	9.9	215400.5	-5024.5	13651	10.0	221330.4	-5030.1
13382	8.9	212241.0	-5011.1	13472	9.9	213854.1	-5053.9	13562	10.0	215443.2	-5001.8	13652	10.0	221409.8	-5020.5
13383	10.0	212244.4	-5043.0	13473	9.7	213856.1	-5045.7	13563	10.0	215445.4	-5037.4	13653	9.1	221436.2	-5012.8
13384	8.9	212302.9	-5039.0	13474	10.0	213858.0	-5045.3	13564	10.0	215446.5	-5006.0	13654	10.0	221438.9	-5035.8
13385	8.7	212304.3	-5019.8	13475	9.5	213914.1	-5040.7	13565	10.0	215453.3	-5025.8	13655	10.0	221500.9	-5011.8
13386	10.0	212327.5	-5005.8	13476	9.5	213924.0	-5024.0	13566	7.6	215459.7	-5055.0	13656	10.0	221508.8	-5031.8
13387	10.0	212337.0	-5030.0	13477	10.0	213927.1	-5033.3	13567	9.8	215501.2	-5015.0	13657	9.6	221522.3	-5047.6
13388	10.0	212400.6	-5036.0	13478	8.5	213940.5	-5010.2	13568	10.0	215501.3	-5016.3	13658	10.0	221549.6	-5026.8
13389	9.7	212406.3	-5035.7	13479	10.0	213954.1	-5045.8	13569	10.0	215521.9	-5023.8	13659	10.0	221623.4	-5031.3
13390	10.0	212418.6	-5005.2	13480	10.0	213955.8	-5038.3	13570	9.9	215601.2	-5026.3	13660	9.4	221624.2	-5030.7
13391	10.0	212419.0	-5008.8	13481	10.0	214004.0	-5004.7	13571	10.0	215619.0	-5009.8	13661	10.0	221626.2	-5005.3
13392	10.0	212422.4	-5032.0	13482	10.0	214011.4	-5034.8	13572	9.5	215623.5	-5004.0	13662	10.0	221631.4	-5018.9
13393	9.7	212437.1	-5028.2	13483	9.7	214018.5	-5007.7	13573	9.9	215640.6	-5029.6	13663	10.0	221714.1	-5016.9
13394	9.9	212439.6	-5032.0	13484	9.9	214025.2	-5025.5	13574	9.9	215641.1	-5018.9	13664	10.0	221714.5	-5025.5
13395	10.0	212447.2	-5050.0	13485	10.0	214045.6	-5034.2	13575	9.8	215701.6	-5044.2	13665	10.0	221720.1	-5008.4
13396	10.0	212502.8	-5000.4	13486	9.4	214049.1	-5033.4	13576	9.9	215721.6	-5034.7	13666	10.0	221720.9	-5026.8
13397	9.2	212506.6	-5051.0	13487	10.0	214058.2	-5024.8	13577	10.0	215738.6	-5020.5	13667	10.0	221722.1	-5029.2
13398	9.9	212507.2	-5029.0	13488	10.0	214117.4	-5017.5	13578	10.0	215744.1	-5003.8	13668	10.0	221729.5	-5031.8
13399	9.6	212515.9	-5032.0	13489	10.0	214159.4	-5037.8	13579	9.6	215754.2	-5012.0	13669	10.0	221746.5	-5057.8
13400	10.0	212523.0	-5055.4	13490	9.7	214202.5	-5008.5	13580	9.9	215754.9	-5029.7	13670	10.0	221748.3	-5050.8
13401	10.0	212535.6	-5041.9	13491	10.0	214206.0	-5016.5	13581	10.0	215801.8	-5011.0	13671	8.2	221759.0	-5027.5
13402	10.0	212547.4	-5030.4	13492	10.0	214209.4	-5030.5	13582	8.0	215805.0	-5017.5	13672	10.0	221814.5	-5003.4
13403	10.0	212600.1	-5056.0	13493	10.0	214229.0	-5040.8	13583	10.0	215836.3	-5010.8	13673	9.2	221816.4	-5011.9
13404	10.0	212605.4	-5040.0	13494	10.0	214229.9	-5034.3	13584	10.0	215857.6	-5054.2	13674	9.2	221819.8	-5049.8
13405	9.9	212608.3	-5059.8	13495	9.9	214240.8	-5014.5	13585	10.0	215900.6	-5031.6	13675	10.0	221855.4	-5011.6
13406	10.0	212610.5	-5007.6	13496	10.0	214245.4	-5026.8	13586	10.0	215913.3	-5006.6	13676	10.0	221856.0	-5019.9
13407	10.0	212616.2	-5006.2	13497	10.0	214313.8	-5042.8	13587	10.0	215928.4	-5043.8	13677	9.9	221857.0	-5003.4
13408	9.8	212622.8	-5054.1	13498	9.4	214328.2	-5016.2	13588	9.9	215934.8	-5038.3	13678	9.8	221915.6	-5047.7
13409	10.0	212623.4	-5032.0	13499	9.7	214341.6	-5005.8	13589	9.8	215937.3	-5042.0	13679	9.1	221932.3	-5042.4
13410	10.0	212627.2	-5009.8	13500	9.3	214344.3	-5044.4	13590	10.0	215946.8	-5015.6	13680	10.0	221945.0	-5000.9

-5013681 22h20m

-5014040 23h39m

13681	10.0	222043.6	-5033.4	13771	10.0	223526.3	-5046.2	13861	10.0	225545.4	-5052.2
13682	10.0	222049.3	-5004.9	13772	10.0	223526.9	-5057.2	13862	10.0	225557.3	-5017.0
13683	10.0	222051.3	-5017.6	13773	10.0	223555.4	-5022.2	13863	9.9	225604.1	-5022.6
13684	10.0	222057.0	-5008.6	13774	10.0	223601.4	-5020.4	13864	10.0	225604.3	-5016.0
13685	9.6	222059.4	-5013.0	13775	10.0	223618.4	-5036.2	13865	10.0	225607.8	-5049.2
13686	9.7	222118.2	-5001.7	13776	10.0	223631.6	-5010.2	13866	9.8	225628.9	-5037.8
13687	9.9	222130.5	-5007.6	13777	9.9	223640.7	-5034.0	13867	10.0	225633.6	-5006.0
13688	10.0	222133.2	-5019.9	13778	9.9	223655.8	-5022.2	13868	8.4	225655.8	-5056.3
13689	10.0	222133.5	-5025.9	13779	10.0	223701.1	-5012.0	13869	9.9	225658.0	-5032.2
13690	9.4	222138.0	-5004.0	13780	10.0	223703.1	-5027.0	13870	9.8	225728.0	-5004.6
13691	10.0	222145.5	-5027.4	13781	9.6	223718.0	-5041.4	13871	10.0	225732.2	-5039.2
13692	10.0	222153.6	-5024.6	13782	9.3	223718.1	-5026.2	13872	10.0	225744.5	-5045.7
13693	10.0	222154.9	-5042.4	13783	9.9	223752.6	-5031.0	13873	10.0	225756.2	-5026.5
13694	7.8	222159.8	-5030.0	13784	10.0	223800.0	-5012.2	13874	10.0	225815.0	-5042.2
13695	10.0	222222.6	-5051.9	13785	10.0	223836.4	-5040.3	13875	10.0	225823.9	-5052.7
13696	10.0	222232.2	-5049.4	13786	10.0	223840.4	-5027.0	13876	10.0	225825.3	-5054.7
13697	10.0	222244.7	-5011.9	13787	9.9	223844.5	-5020.0	13877	10.0	225839.2	-5026.2
13698	10.0	222248.5	-5015.9	13788	6.5	223857.5	-5020.0	13878	9.9	225844.5	-5006.0
13699	10.0	222254.0	-5024.3	13789	10.0	223911.4	-5056.0	13879	10.0	225854.4	-5031.2
13700	10.0	222314.2	-5028.4	13790	9.2	223911.8	-5021.0	13880	9.9	225902.2	-5039.0
13701	6.8	222320.0	-5003.9	13791	9.7	223928.6	-5051.0	13881	10.0	225904.0	-5055.2
13702	9.4	222336.8	-5004.1	13792	10.0	223953.2	-5034.6	13882	10.0	225948.8	-5048.7
13703	10.0	222340.0	-5017.9	13793	9.7	223959.1	-5050.1	13883	9.7	225952.3	-5023.6
13704	10.0	222401.8	-5010.6	13794	10.0	224021.4	-5015.0	13884	9.7	225954.5	-5030.8
13705	10.0	222424.9	-5017.3	13795	10.0	224039.3	-5014.0	13885	6.4	225957.1	-5017.0
13706	8.8	222436.9	-5058.8	13796	10.0	224119.2	-5014.0	13886	9.1	230001.8	-5028.1
13707	9.1	222442.1	-5033.8	13797	10.0	224121.9	-5040.0	13887	10.0	230006.7	-5025.0
13708	10.0	222446.7	-5038.4	13798	9.4	224125.5	-5057.2	13888	10.0	230014.3	-5009.1
13709	9.4	222456.0	-5053.4	13799	10.0	224144.8	-5046.0	13889	10.0	230051.0	-5021.1
13710	10.0	222514.2	-5021.0	13800	10.0	224145.2	-5053.1	13890	10.0	230108.5	-5018.5
13711	9.6	222517.7	-5010.3	13801	10.0	224148.1	-5052.0	13891	10.0	230116.1	-5010.0
13712	10.0	222519.6	-5056.9	13802	10.0	224201.8	-5015.6	13892	10.0	230117.7	-5004.1
13713	10.0	222536.6	-5041.4	13803	9.9	224204.8	-5029.7	13893	10.0	230120.6	-5054.0
13714	9.9	222546.5	-5003.0	13804	10.0	224218.2	-5015.6	13894	9.6	230147.0	-5055.8
13715	10.0	222549.6	-5022.0	13805	10.0	224229.2	-5006.0	13895	9.9	230157.2	-5010.3
13716	10.0	222552.1	-5027.0	13806	9.5	224244.6	-5029.8	13896	10.0	230225.2	-5021.0
13717	10.0	222609.4	-5026.8	13807	10.0	224247.4	-5046.0	13897	10.0	230245.0	-5021.5
13718	8.9	222609.8	-5025.9	13808	10.0	224315.4	-5008.6	13898	9.7	230306.2	-5056.9
13719	10.0	222637.0	-5052.0	13809	10.0	224336.0	-5014.6	13899	10.0	230307.2	-5056.0
13720	8.1	222733.7	-5038.1	13810	10.0	224404.0	-5031.0	13900	10.0	230312.4	-5059.0
13721	10.0	222733.8	-5003.4	13811	10.0	224421.7	-5051.0	13901	10.0	230315.8	-5035.0
13722	10.0	222735.6	-5026.2	13812	10.0	224424.1	-5044.0	13902	10.0	230327.8	-5011.1
13723	10.0	222744.8	-5057.0	13813	10.0	224438.4	-5037.1	13903	10.0	230341.4	-5031.0
13724	8.7	222745.0	-5048.1	13814	10.0	224454.7	-5013.0	13904	10.0	230345.6	-5027.0
13725	8.7	222746.6	-5040.3	13815	10.0	224519.4	-5047.1	13905	10.0	230402.2	-5028.5
13726	10.0	222750.6	-5022.0	13816	10.0	224522.9	-5010.6	13906	10.0	230414.5	-5003.1
13727	10.0	222804.0	-5026.0	13817	9.9	224531.3	-5030.4	13907	10.0	230417.3	-5022.0
13728	10.0	222830.6	-5001.0	13818	9.3	224543.2	-5013.3	13908	10.0	230433.2	-5020.1
13729	10.0	222848.9	-5030.3	13819	10.0	224603.6	-5030.2	13909	10.0	230445.6	-5009.1
13730	10.0	222853.8	-5057.9	13820	9.9	224610.7	-5009.0	13910	9.9	230452.2	-5045.0
13731	10.0	222910.3	-5007.0	13821	10.0	224620.0	-5026.8	13911	10.0	230455.7	-5047.0
13732	10.0	222921.7	-5043.0	13822	9.1	224639.0	-5012.1	13912	10.0	230456.9	-5005.2
13733	10.0	222924.6	-5054.6	13823	10.0	224704.2	-5019.0	13913	10.0	230545.9	-5002.2
13734	10.0	222926.5	-5003.4	13824	10.0	224738.8	-5011.6	13914	10.0	230555.5	-5002.2
13735	10.0	222928.7	-5050.6	13825	10.0	224746.4	-5030.1	13915	6.4	230607.5	-5017.7
13736	10.0	222931.6	-5022.4	13826	10.0	224824.0	-5051.1	13916	9.7	230629.4	-5017.3
13737	10.0	222941.8	-5052.6	13827	10.0	224842.1	-5027.4	13917	10.0	230635.2	-5049.0
13738	10.0	222943.6	-5006.7	13828	9.8	224850.6	-5033.2	13918	10.0	230643.5	-5019.6
13739	9.7	222944.6	-5010.3	13829	10.0	224853.4	-5015.0	13919	9.9	230651.2	-5042.4
13740	9.2	222948.4	-5021.2	13830	9.9	224904.6	-5006.6	13920	10.0	230656.4	-5016.6
13741	10.0	222955.4	-5048.6	13831	10.0	224912.0	-5041.6	13921	10.0	230657.1	-5054.0
13742	8.2	223008.1	-5042.6	13832	10.0	224917.5	-5016.6	13922	9.4	230710.3	-5001.5
13743	9.7	223012.9	-5028.8	13833	9.8	224926.2	-5046.0	13923	9.4	230710.5	-5001.1
13744	10.0	223022.7	-5019.0	13834	9.8	224944.8	-5013.3	13924	10.0	230711.7	-5009.1
13745	9.9	223025.4	-5009.3	13835	10.0	225000.2	-5040.6	13925	10.0	230712.4	-5012.1
13746	10.0	223051.8	-5048.2	13836	10.0	225000.8	-5023.6	13926	10.0	230740.6	-5040.0
13747	10.0	223056.6	-5040.0	13837	10.0	225005.4	-5032.6	13927	10.0	230752.5	-5044.0
13748	9.6	223109.7	-5055.0	13838	10.0	225008.6	-5036.6	13928	9.7	230759.6	-5011.2
13749	10.0	223111.3	-5031.0	13839	9.9	225016.6	-5010.1	13929	10.0	230814.9	-5046.0
13750	9.1	223118.7	-5039.9	13840	10.0	225050.4	-5036.2	13930	9.9	230815.9	-5059.0
13751	9.8	223135.7	-5015.6	13841	9.9	225110.7	-5025.8	13931	10.0	230827.0	-5035.0
13752	9.9	223139.1	-5011.1	13842	10.0	225201.2	-5013.0	13932	10.0	230831.9	-5014.1
13753	10.0	223139.2	-5004.6	13843	10.0	225202.6	-5026.8	13933	9.9	230841.0	-5049.0
13754	10.0	223145.1	-5022.0	13844	10.0	225207.2	-5036.6	13934	10.0	230849.6	-5056.8
13755	9.9	223148.3	-5014.1	13845	9.6	225221.9	-5031.0	13935	10.0	230851.7	-5011.6
13756	10.0	223151.5	-5037.1	13846	10.0	225222.9	-5053.1	13936	9.5	230857.0	-5031.7
13757	9.9	223212.2	-5020.8	13847	10.0	225244.4	-5018.6	13937	10.0	230905.9	-5000.2
13758	9.7	223212.2	-5038.3	13848	9.8	225259.9	-5029.8	13938	9.9	230910.4	-5017.2
13759	10.0	223219.0	-5002.0	13849	10.0	225306.7	-5045.4	13939	10.0	230910.6	-5020.2
13760	7.5	223231.1	-5014.8	13850	9.4	225317.0	-5055.2	13940	10.0	230959.6	-5026.1
13761	10.0	223233.9	-5043.6	13851	7.1	225328.9	-5007.4	13941	10.0	231044.2	-5005.2
13762	10.0	223239.6	-5042.9	13852	9.6	225333.8	-5004.5	13942	10.0	231121.0	-5032.6
13763	10.0	223245.8	-5001.0	13853	9.7	225351.9	-5019.0	13943	10.0	231125.6	-5010.1
13764	10.0	223315.8	-5031.4	13854	10.0	225359.9	-5009.6	13944	9.9	231211.3	-5047.2
13765	10.0	223332.3	-5044.8	13855	10.0	225404.8	-5017.0	13945	9.2	231214.8	-5040.0
13766	10.0	223337.9	-5007.7	13856	9.3	225504.0	-5032.1	13946	10.0	231252.3	-5019.6
13767	10.0	223348.4	-5009.2	13857	7.6	225512.7	-5021.6	13947	7.4	231347.0	-5059.5
13768	10.0	223403.0	-5038.1	13858	9.8	225524.2	-5028.7	13948	6.2	231347.8	-5059.3
13769	10.0	223500.7	-5025.7	13859	9.8	225528.5	-5011.0	13949	9.9	231349.9	-5007.7
13770	9.8	223524.7	-5032.9	13860	10.0	225539.4	-5057.2	13950	10.0	231356.1	-5020.2
13951	10.0	231413.9	-5027.2
13952	10.0	231437.1	-5006.2
13953	10.0	231440.5	-5009.6
13954	10.0	231503.6	-5019.1
13955	9.3	231515.2	-5024.2
13956	9.9	231540.1	-5023.7
13957	8.9	231544.1	-5002.2
13958	9.7	231546.6	-5029.9
13959	8.5	231551.9	-5052.5
13960	10.0	231611.4	-5014.3
13961	10.0	231630.3	-5009.3
13962	10.0	231637.0	-5004.3
13963	10.0	231643.4	-5031.0
13964	9.9	231649.2	-5050.7
13965	10.0	231654.7	-5043.0
13966	10.0	231725.0	-5012.3
13967	8.7	231731.4	-5001.8
13968	10.0	231732.9	-5017.3
13969	10.0	231736.3	-5019.2
13970	9.9	231747.6	-5010.4
13971	10.0	231759.4	-5000.3
13972	10.0	231802.1	-5004.3
13973	9.9	231859.7	-5055.4
13974	10.0	231918.7	-5010.3
13975	10.0	231919.7	-5055.9
13976	6.1	232012.1	-5050.6
13977	8.2	232013.2	-5057.9
13978	8.8	232018.4	-5057.8
13979	10.0	232042.2	-5027.0
13980	10.0	232042.8	-5047.6
13981	9.9	232057.8	-5012.0
13982	10.0	232119.8	-5004.4
13983	10.0	232123.8	-5006.0
13984	10.0	232142.0	-5010.0
13985	9.6	232158.3	-5021.0
13986	10.0	232200.3	-5044.6
13987	10.0	232210.1	-5053.7
13988	10.0	232215.1	-5043.6
13989	10.0	232215.9	-5024.0
13990	9.6	232217.4	-5021.1
13991	10.0	232219.2	-5001.3
13992	10.0	232256.0	-5048.6
13993	10.0	232300.6	-5015.4
13994	10.0	232330.2	-5026.4
13995	9.3	232331.0	-5048.7
13996	9.3	232345.1	-5051.1
13997	10.0	232424.7	-5026.4
13998	10.0	232452.3	-5018.4
13999	10.0	232454.3	-5019.3
14000	7.5	232541.2	-5048.0
14001	10.0	232626.7	-5016.0
14002	10.0	232650.5	-5004.7
14003	10.0	232653.5	-5005.2
14004	10.0	232747.4	-5006.0
14005	9.9	232759.0	-5038.4
14006	10.0	232820.2	-5035.8
14007	10.0	232822.2	-5033.8
14008	9.6	232838.7	-5053.6
14009	10.0	232858.2	-5045.8
14010	10.0	232906.4	-5017.4
14011	9.6	232914.8	-5021.3
14012	10.0	232920.2	-5028.3
14013	10.0	232922.1	-5008.4
14014	9.6	233014.2	-5058.4
14015	10.0	233015.8	-5038.6
14016	10.0	233019.0	-5034.0
14017	10.0	233158.7	-5044.7
14018	10.0	233227.7	-5045.6
14019	10.0	233231.7	-5032.6
14020	10.0	233232.8	-5019.3
14021	10.0	233249.6	-5010.4
14022	9.7	233305.6	-5034.0
14023	9.9	233358.0	-5053.7
14024	10.0	233401.1	-5043.6
14025	10.0	233403.3	-5014.0
14026	10.0	233404.5	-5029.0
14027	9.7	233418.4	-5008.0
14028	10.0	233428.6	-5048.6
14029	9.6	233433.6	-5013.8
14030	10.0	233451.0	-5038.6
14031	10.0	233455.8	-5007.1
14032	9.5	233512.5	-5057.5
14033	10.0	233529.3	-5026.9
14034	10.0	233556.9	-5000.7
14035	10.0	233605.6	-5002.3
14036	10.0	233609.5	-5021.4
14037	10.0	233657.2	-5024.4
14038	9.4	233821.0	-5055.4
14039	10.0	233859.2	-5053.6
14040	9.4	233929.1	-5037.8

-5014041 23h39m

-51 281 1h02m

14041	10.0	233931.9	-5000.2	12	8.1	00135.4	-5157.2	102	10.0	01938.6	-5132.2	192	9.3	04053.9	-5129.2
14042	10.0	233946.6	-5011.0	13	10.0	00201.6	-5154.3	103	10.0	01955.2	-5139.2	193	10.0	04059.4	-5149.4
14043	10.0	233951.1	-5005.2	14	9.9	00201.6	-5107.2	104	8.8	01957.6	-5104.4	194	10.0	04115.9	-5135.6
14044	10.0	233952.2	-5008.0	15	10.0	00209.2	-5149.3	105	9.5	02101.2	-5122.3	195	9.7	04126.3	-5154.6
14045	10.0	234012.0	-5007.7	16	10.0	00222.4	-5125.3	106	8.9	02136.6	-5126.3	196	10.0	04133.9	-5134.2
14046	10.0	234021.3	-5022.9	17	10.0	00233.5	-5119.3	107	9.7	02146.6	-5118.2	197	10.0	04136.2	-5123.2
14047	5.2	234038.0	-5055.2	18	10.0	00237.0	-5159.2	108	9.4	02153.0	-5108.1	198	10.0	04141.8	-5145.2
14048	9.0	234045.2	-5017.6	19	9.9	00238.1	-5106.4	109	9.1	02214.8	-5119.2	199	10.0	04218.5	-5144.0
14049	10.0	234111.6	-5008.1	20	10.0	00238.7	-5147.8	110	10.0	02227.6	-5139.3	200	9.9	04224.7	-5123.5
14050	9.9	234121.6	-5038.5	21	9.8	00241.9	-5119.4	111	10.0	02228.0	-5151.3	201	9.9	04242.9	-5126.6
14051	10.0	234123.8	-5000.1	22	8.1	00247.9	-5118.1	112	10.0	02239.5	-5102.6	202	10.0	04323.4	-5109.5
14052	10.0	234124.9	-5016.6	23	9.9	00307.9	-5159.9	113	6.5	02239.7	-5113.4	203	10.0	04326.4	-5109.2
14053	10.0	234147.9	-5033.6	24	9.4	00328.2	-5109.4	114	10.0	02254.7	-5110.4	204	10.0	04352.3	-5140.2
14054	10.0	234151.0	-5034.6	25	10.0	00336.6	-5156.8	115	10.0	02259.9	-5149.2	205	9.3	04359.1	-5142.1
14055	10.0	234239.4	-5023.0	26	10.0	00344.3	-5109.3	116	8.4	02306.1	-5117.9	206	10.0	04402.4	-5100.8
14056	9.8	234259.4	-5057.5	27	10.0	00410.6	-5131.5	117	10.0	02327.8	-5101.2	207	9.5	04426.6	-5115.9
14057	10.0	234307.3	-5031.6	28	10.0	00411.5	-5158.1	118	10.0	02329.8	-5148.2	208	10.0	04430.6	-5111.1
14058	10.0	234307.4	-5033.8	29	9.1	00424.3	-5139.6	119	8.7	02337.1	-5134.2	209	5.6	04459.9	-5140.2
14059	9.8	234317.8	-5037.3	30	9.8	00519.4	-5121.3	120	9.9	02338.6	-5116.8	210	10.0	04509.1	-5127.2
14060	10.0	234336.8	-5048.4	31	10.0	00526.1	-5152.1	121	8.8	02350.0	-5123.4	211	10.0	04514.5	-5154.4
14061	9.6	234347.6	-5003.8	32	8.8	00601.6	-5123.7	122	10.0	02449.0	-5121.5	212	10.0	04523.6	-5141.3
14062	10.0	234409.3	-5008.2	33	10.0	00626.0	-5139.2	123	9.3	02453.3	-5132.2	213	9.6	04539.0	-5122.8
14063	10.0	234447.9	-5009.7	34	10.0	00634.9	-5144.2	124	10.0	02455.1	-5123.9	214	9.3	04539.2	-5108.0
14064	10.0	234505.3	-5003.4	35	10.0	00650.0	-5143.2	125	10.0	02459.6	-5121.8	215	10.0	04542.2	-5140.9
14065	9.9	234536.7	-5008.7	36	10.0	00702.0	-5158.8	126	8.7	02507.3	-5155.2	216	9.3	04542.9	-5117.2
14066	9.9	234629.8	-5009.6	37	9.7	00712.1	-5146.2	127	10.0	02527.7	-5146.2	217	9.9	04606.4	-5128.6
14067	10.0	234636.2	-5058.6	38	10.0	00713.3	-5114.3	128	10.0	02554.1	-5115.3	218	10.0	04650.5	-5122.2
14068	10.0	234656.2	-5048.6	39	10.0	00733.0	-5124.2	129	10.0	02626.0	-5137.2	219	9.7	04700.3	-5123.0
14069	9.8	234701.4	-5015.0	40	9.8	00738.3	-5132.2	130	9.5	02637.5	-5146.0	220	8.3	04706.8	-5143.8
14070	10.0	234704.2	-5027.5	41	10.0	00742.5	-5156.2	131	10.0	02642.3	-5119.2	221	8.0	04711.9	-5108.5
14071	7.9	234706.4	-5007.6	42	9.9	00748.3	-5143.1	132	10.0	02712.4	-5154.2	222	10.0	04745.7	-5146.2
14072	9.6	234707.1	-5029.5	43	10.0	00752.2	-5152.2	133	9.9	02715.9	-5106.7	223	8.3	04750.4	-5144.0
14073	8.7	234716.4	-5041.6	44	10.0	00821.7	-5119.2	134	10.0	02717.6	-5116.6	224	10.0	04801.6	-5132.2
14074	10.0	234807.7	-5027.2	45	10.0	00824.0	-5120.1	135	9.8	02721.9	-5146.2	225	9.9	04858.4	-5101.2
14075	10.0	234838.8	-5039.9	46	10.0	00843.0	-5106.3	136	10.0	02731.5	-5102.6	226	10.0	04906.4	-5125.4
14076	7.8	234852.6	-5048.6	47	10.0	00901.8	-5139.8	137	10.0	02749.6	-5140.9	227	10.0	05001.5	-5116.7
14077	10.0	234913.4	-5003.7	48	9.7	00907.1	-5124.2	138	10.0	02751.0	-5110.9	228	10.0	05013.4	-5158.2
14078	10.0	234927.3	-5057.6	49	9.3	00916.9	-5100.1	139	9.3	02809.7	-5144.3	229	10.0	05027.3	-5129.2
14079	9.7	234928.3	-5047.8	50	9.8	00918.3	-5125.4	140	10.0	02850.0	-5110.9	230	10.0	05112.0	-5141.2
14080	10.0	234931.3	-5027.4	51	10.0	00926.0	-5147.2	141	9.6	02914.6	-5101.4	231	10.0	05117.4	-5141.8
14081	10.0	234947.2	-5056.6	52	10.0	00926.1	-5149.8	142	10.0	02924.1	-5104.0	232	10.0	05124.4	-5102.3
14082	9.9	234957.4	-5028.8	53	10.0	00954.8	-5127.8	143	10.0	02950.0	-5118.8	233	10.0	05135.2	-5105.5
14083	9.1	235006.2	-5059.7	54	10.0	01007.7	-5133.3	144	9.9	02934.6	-5110.9	234	10.0	05151.6	-5122.0
14084	10.0	235034.4	-5011.9	55	10.0	01009.2	-5134.3	145	10.0	03005.1	-5103.6	235	9.7	05209.7	-5105.8
14085	10.0	235046.3	-5055.7	56	10.0	01050.7	-5129.2	146	10.0	03021.7	-5111.6	236	9.7	05239.3	-5114.8
14086	10.0	235057.4	-5051.9	57	9.9	01054.5	-5126.2	147	10.0	03044.1	-5108.0	237	7.6	05310.8	-5156.4
14087	10.0	235107.2	-5050.3	58	10.0	01056.3	-5159.2	148	10.0	03046.1	-5153.4	238	10.0	05326.4	-5123.2
14088	8.2	235117.5	-5005.7	59	10.0	01202.5	-5138.3	149	10.0	03052.0	-5122.0	239	10.0	05353.8	-5125.4
14089	10.0	235123.0	-5009.2	60	9.5	01205.3	-5110.5	150	10.0	03108.6	-5129.6	240	10.0	05353.8	-5113.0
14090	8.6	235146.4	-5049.3	61	10.0	01210.4	-5114.3	151	10.0	03112.5	-5144.2	241	7.7	05436.8	-5112.0
14091	10.0	235147.6	-5023.4	62	10.0	01253.1	-5137.8	152	10.0	03117.9	-5139.0	242	10.0	05437.7	-5151.3
14092	10.0	235236.1	-5007.7	63	10.0	01301.3	-5119.8	153	9.9	03134.9	-5130.0	243	10.0	05448.7	-5140.3
14093	10.0	235244.9	-5033.6	64	10.0	01309.5	-5121.4	154	8.0	03210.0	-5125.3	244	9.6	05455.7	-5156.3
14094	10.0	235250.5	-5059.6	65	10.0	01314.0	-5156.2	155	9.6	03211.9	-5103.2	245	10.0	05529.8	-5126.3
14095	9.2	235311.4	-5031.6	66	10.0	01315.0	-5121.5	156	10.0	03227.9	-5147.8	246	10.0	05529.8	-5128.3
14096	8.9	235349.5	-5003.0	67	10.0	01319.6	-5158.3	157	10.0	03229.9	-5120.3	247	10.0	05533.8	-5104.3
14097	10.0	235413.6	-5049.2	68	10.0	01321.6	-5148.8	158	9.5	03236.3	-5144.5	248	10.0	05545.9	-5128.0
14098	10.0	235414.6	-5032.8	69	7.6	01325.2	-5107.4	159	10.0	03311.3	-5125.5	249	10.0	05546.9	-5144.3
14099	10.0	235428.3	-5050.6	70	10.0	01334.1	-5123.2	160	10.0	03318.7	-5101.9	250	9.9	05602.4	-5136.4
14100	9.6	235435.6	-5001.1	71	10.0	01338.3	-5152.8	161	9.9	03328.9	-5152.1	251	10.0	05602.7	-5103.0
14101	10.0	235438.4	-5000.3	72	10.0	01344.8	-5103.2	162	10.0	03345.9	-5137.1	252	10.0	05615.4	-5135.3
14102	10.0	235438.6	-5047.9	73	10.0	01357.9	-5112.3	163	10.0	03348.9	-5140.4	253	10.0	05619.7	-5122.8
14103	10.0	235439.7	-5020.3	74	9.8	01422.2	-5107.3	164	10.0	03405.4	-5108.3	254	10.0	05620.3	-5142.3
14104	9.8	235506.4	-5021.4	75	10.0	01425.0	-5144.8	165	10.0	03428.2	-5115.8	255	10.0	05638.3	-5156.3
14105	9.9	235525.3	-5009.4	76	10.0	01435.8	-5112.3	166	10.0	03441.3	-5138.3	256	10.0	05643.2	-5106.0
14106	10.0	235533.8	-5013.6	77	10.0	01454.5	-5138.1	167	10.0	03456.0	-5118.1	257	10.0	05645.4	-5124.5
14107	10.0	235541.0	-5047.6	78	10.0	01518.0	-5100.3	168	9.5	03506.2	-5106.4	258	10.0	05701.3	-5139.0
14108	10.0	235546.0	-5033.6	79	10.0	01524.6	-5159.8	169	9.7	03518.5	-5106.9	259	10.0	05717.8	-5114.2
14109	9.8	235548.8	-5042.6	80	10.0	01545.8	-5155.2	170	9.7	03521.3	-5133.7	260	9.5	05740.4	-5121.4
14110	10.0	235716.6	-5057.6	81	10.0	01550.5	-5139.8	171	10.0	03527.9	-5134.7	261	10.0	05842.9	-5105.3
14111	9.6	235730.8	-5028.5	82	10.0	01550.9	-5144.2	172	10.0	03535.4	-5153.0	262	10.0	05848.4	-5132.2
14112	10.0	235815.2	-5043.7	83	6.9	01613.6	-5141.2	173	9.9	03538.4	-5156.0	263	10.0	05849.9	-5110.2
14113	10.0	235820.9	-5019.4	84	9.8	01624.8	-5128.4	174	10.0	03540.9	-5158.2	264	10.0	05922.9	-5142.2
14114	10.0	235821.3	-5000.2	85	9.9	01641.1	-5138.3	175	10.0	03608.3	-5100.2	265	10.0	05929.1	-5121.6
14115	10.0	235822.1	-5040.6	86	10.0	01641.5	-5152.2	176	10.0	03623.2	-5127.2	266	10.0	05940.6	-5138.2
14116	9.7	235855.3	-5034.8	87	10.0	01703.1	-5134.2	177	10.0	03629.1	-5155.2	267	8.6	05950.9	-5118.0
14117	10.0	235903.4	-5044.6	88	8.0	01703.6	-5114.4	178	10.0	03638.9	-5107.7	268	10.0	10020.3	-5115.7
14118	9.9	235908.5	-5030.7	89	10.0	01703.9	-5135.2	179	10.0	03658.2	-5107.4	269	10.0	10029.4	-5128.2
14119	10.0	235943.7	-5015.4	90	10.0	01729.1	-5141.5	180	9.6	03709.9	-5124.3	270	10.0	10059.7	-5100.1
1	10.0	00001.0	-5121.8	91	10.0	01729.2	-5147.2	181	9.1	03720.9	-5117.1	271	10.0	10112.4	-5144.2
2	10.0	00008.8	-5109.3	92	10.0	01803.1	-5139.8	182	10.0	03730.4	-5155.2	272	10.0	10113.8	-5133.2
3	9.8	00009.0	-5131.2	93	9.9	01807.0	-5129.2	183	10.0	03739.2	-5147.1	273	8.8	10115.0	-5139.4
4	9.2	00016.4	-5111.6	94	9.9	01821.3	-5100.1	184	10.0	03741.9	-5106.1	274	10.0	10126.4	-5113.6
5	10.0	00021.0	-5125.4	95	7.0	01833.3	-5143.9	185	9.8	03746.6	-5159.0	275	10.0	10130.8	-5117.6
6	10.0	00026.2	-5158.2	96	10.0	01839.6	-5147.3	186	8.4	03748.6	-5139.7	276	10.0	10141.1	-5105.2
7	10.0	00029.6	-5142.8	97	10.0	01906.9	-5121.8	187	10.0	03759.9	-5111.0	277	9.9	10159.3	-5151.9
8	10.0	00108.1	-5141.0	98	10.0	01919.8	-5109.2	188	9.7	03829.0	-5148.8	278	10.0	10201.8	-5118.6
9	10.0	00113.1	-5153.1	99	9.0	01927.1	-5112.5	189	10.0	03842.5	-5124.9	279	10.0	10204.5	-5129.1
10	10.0	00113.6	-5127.8	100	9.9	01929.2	-5155.3	190	10.0	03924.8	-5144.2	280	10.0	10205.6	-5111.0
11	9.9	00115.8	-5101.0	101	8.8	01938.3	-5131.8	191	8.6	03933.0	-5118.6	281	9.4	10213.6	-5148.8

282	10.0	10225.2	-5125.6	372	10.0	12522.8	-5104.8	462	8.9	14945.0	-5114.3	552	7.5	21055.0	-5128.0
283	10.0	10242.8	-5109.9	373	7.6	12554.8	-5151.6	463	10.0	14954.6	-5128.3	553	10.0	21115.9	-5155.8
284	10.0	10244.7	-5154.1	374	10.0	12627.8	-5144.7	464	10.0	15000.7	-5158.3	554	9.5	21128.1	-5103.5
285	10.0	10251.7	-5103.8	375	9.6	12638.3	-5153.6	465	10.0	15001.5	-5126.3	555	8.8	21129.6	-5121.2
286	10.0	10253.1	-5159.1	376	10.0	12641.0	-5153.7	466	10.0	15012.1	-5121.0	556	10.0	21142.7	-5138.8
287	10.0	10257.8	-5110.1	377	8.3	12649.7	-5112.7	467	10.0	15021.4	-5153.7	557	10.0	21144.7	-5100.4
288	10.0	10341.4	-5124.5	378	10.0	12654.8	-5115.7	468	10.0	15021.7	-5149.4	558	9.3	21205.0	-5100.4
289	8.8	10342.0	-5130.2	379	10.0	12701.4	-5107.6	469	10.0	15037.0	-5121.8	559	9.4	21304.8	-5116.5
290	9.9	10351.1	-5126.8	380	9.8	12705.8	-5127.6	470	10.0	15134.8	-5121.7	560	10.0	21306.4	-5105.4
291	9.5	10403.6	-5104.2	381	10.0	12721.4	-5127.6	471	10.0	15144.0	-5159.0	561	8.6	21331.5	-5123.9
292	10.0	10417.6	-5137.1	382	10.0	12722.9	-5118.8	472	10.0	15150.8	-5110.8	562	8.3	21505.8	-5121.2
293	10.0	10426.5	-5143.1	383	10.0	12723.6	-5139.0	473	9.6	15157.0	-5105.1	563	10.0	21510.9	-5131.2
294	9.8	10426.6	-5138.8	384	10.0	12739.4	-5141.8	474	10.0	15209.2	-5143.6	564	9.6	21513.0	-5141.6
295	10.0	10448.8	-5154.1	385	10.0	12753.8	-5109.3	475	10.0	15218.4	-5126.7	565	10.0	21530.3	-5114.6
296	9.7	10501.7	-5124.0	386	10.0	12810.8	-5115.2	476	9.8	15219.7	-5107.8	566	9.2	21622.0	-5127.5
297	10.0	10504.6	-5110.2	387	8.1	12837.3	-5102.6	477	10.0	15227.0	-5151.4	567	10.0	21648.8	-5106.0
298	10.0	10527.6	-5102.0	388	10.0	12900.4	-5118.6	478	10.0	15247.0	-5123.8	568	9.6	21656.3	-5116.1
299	10.0	10531.2	-5118.6	389	8.8	12929.3	-5145.6	479	10.0	15308.6	-5114.1	569	9.5	21748.4	-5125.3
300	10.0	10532.0	-5155.1	390	10.0	12937.7	-5151.1	480	10.0	15310.6	-5112.3	570	10.0	21821.5	-5113.0
301	9.1	10538.0	-5130.2	391	10.0	12944.6	-5124.0	481	10.0	15315.5	-5107.7	571	6.2	21831.0	-5139.7
302	10.0	10607.3	-5124.1	392	10.0	12949.8	-5122.7	482	9.1	15335.9	-5132.4	572	9.3	21836.5	-5155.0
303	9.7	10618.8	-5121.0	393	10.0	13004.0	-5141.6	483	9.9	15352.3	-5103.0	573	10.0	21841.5	-5130.6
304	9.0	10629.0	-5115.4	394	10.0	13131.3	-5150.8	484	9.3	15433.3	-5155.8	574	10.0	21904.1	-5138.6
305	10.0	10713.6	-5142.1	395	10.0	13132.3	-5133.8	485	10.0	15438.6	-5147.0	575	10.0	21915.6	-5101.8
306	10.0	10715.3	-5150.0	396	10.0	13133.2	-5119.0	486	10.0	15455.4	-5149.2	576	10.0	21920.4	-5102.6
307	10.0	10728.3	-5133.4	397	10.0	13136.1	-5101.6	487	10.0	15457.4	-5104.1	577	10.0	21921.8	-5140.1
308	10.0	10734.2	-5147.0	398	10.0	13213.9	-5115.0	488	8.7	15505.7	-5110.4	578	10.0	21929.2	-5150.1
309	10.0	10742.5	-5127.7	399	9.6	13234.9	-5141.2	489	10.0	15522.3	-5158.4	579	10.0	21930.4	-5103.0
310	10.0	10742.7	-5131.0	400	10.0	13249.7	-5104.0	490	10.0	15524.0	-5133.6	580	10.0	21953.4	-5118.5
311	8.4	10821.5	-5119.3	401	10.0	13341.2	-5106.0	491	10.0	15528.8	-5157.0	581	9.5	22000.8	-5132.6
312	8.4	10825.7	-5118.9	402	9.3	13351.0	-5146.1	492	10.0	15536.4	-5100.4	582	10.0	22057.2	-5118.5
313	7.7	10900.2	-5104.8	403	10.0	13401.0	-5155.4	493	10.0	15542.4	-5158.6	583	9.5	22103.2	-5135.7
314	10.0	10906.1	-5104.2	404	10.0	13404.3	-5128.7	494	10.0	15602.4	-5131.7	584	10.0	22132.4	-5115.4
315	9.6	11027.6	-5149.4	405	10.0	13408.9	-5139.4	495	10.0	15603.9	-5119.9	585	10.0	22143.1	-5158.6
316	10.0	11033.8	-5119.7	406	10.0	13418.7	-5143.4	496	10.0	15645.6	-5135.7	586	9.9	22147.8	-5158.5
317	10.0	11040.0	-5103.4	407	10.0	13444.7	-5106.5	497	10.0	15657.9	-5137.4	587	9.8	22203.9	-5133.8
318	10.0	11040.1	-5116.7	408	10.0	13640.0	-5109.7	498	10.0	15704.0	-5145.7	588	10.0	22209.6	-5133.6
319	10.0	11129.9	-5155.7	409	9.6	13650.3	-5135.7	499	10.0	15730.9	-5133.1	589	10.0	22250.4	-5121.7
320	10.0	11135.0	-5112.5	410	10.0	13711.5	-5128.4	500	8.1	15733.4	-5106.0	590	10.0	22321.8	-5112.4
321	10.0	11146.1	-5107.7	411	10.0	13744.2	-5138.3	501	9.5	15740.6	-5120.3	591	10.0	22332.3	-5116.9
322	9.7	11155.6	-5139.3	412	10.0	13757.3	-5110.7	502	10.0	15753.9	-5159.1	592	10.0	22348.3	-5158.0
323	9.4	11202.0	-5159.2	413	10.0	13848.3	-5120.9	503	10.0	15756.5	-5128.6	593	9.1	22421.7	-5151.9
324	10.0	11215.6	-5123.4	414	8.1	13849.7	-5116.3	504	10.0	15824.8	-5133.0	594	10.0	22459.4	-5158.5
325	7.8	11224.2	-5141.6	415	10.0	13913.7	-5102.3	505	9.8	15831.4	-5124.1	595	10.0	22519.3	-5116.4
326	10.0	11227.8	-5119.5	416	10.0	13916.5	-5159.3	506	10.0	15917.6	-5144.0	596	8.5	22532.2	-5117.5
327	10.0	11235.6	-5148.2	417	8.0	13944.1	-5138.9	507	9.1	15940.2	-5145.0	597	7.6	22606.3	-5155.8
328	10.0	11236.4	-5126.9	418	9.9	14102.0	-5138.3	508	9.8	15955.2	-5123.9	598	10.0	22611.6	-5128.0
329	9.5	11300.4	-5110.0	419	5.3	14112.1	-5126.3	509	10.0	15956.4	-5109.3	599	9.9	22619.0	-5120.6
330	10.0	11410.4	-5108.0	420	9.9	14140.3	-5132.5	510	8.8	20003.3	-5104.2	600	9.4	22629.6	-5159.6
331	10.0	11413.0	-5108.3	421	10.0	14143.8	-5101.5	511	9.6	20006.8	-5124.9	601	10.0	22629.6	-5124.8
332	9.7	11428.4	-5126.0	422	10.0	14149.8	-5103.8	512	9.5	20027.1	-5128.7	602	10.0	22727.7	-5109.3
333	9.7	11430.2	-5134.6	423	10.0	14206.8	-5103.0	513	10.0	20053.1	-5133.4	603	10.0	22737.2	-5148.5
334	9.8	11517.8	-5143.7	424	10.0	14209.4	-5123.2	514	9.8	20059.6	-5136.0	604	9.4	22740.0	-5134.7
335	10.0	11544.6	-5111.0	425	9.3	14212.8	-5123.4	515	10.0	20121.0	-5152.6	605	10.0	22742.3	-5104.1
336	10.0	11605.2	-5104.2	426	10.0	14219.2	-5103.2	516	10.0	20123.0	-5139.7	606	10.0	22802.9	-5155.0
337	6.4	11610.6	-5135.5	427	9.9	14304.8	-5127.8	517	10.0	20145.8	-5135.4	607	10.0	22803.6	-5103.2
338	10.0	11615.5	-5157.4	428	10.0	14306.9	-5153.0	518	10.0	20153.0	-5131.7	608	9.2	22815.8	-5150.3
339	10.0	11628.8	-5112.4	429	10.0	14322.9	-5151.5	519	10.0	20218.4	-5146.7	609	9.9	22839.9	-5100.7
340	9.8	11634.6	-5136.2	430	10.0	14331.3	-5100.2	520	8.1	20221.3	-5114.3	610	9.9	22914.0	-5125.8
341	10.0	11639.7	-5154.2	431	9.8	14340.5	-5147.9	521	10.0	20221.7	-5143.5	611	6.5	22939.0	-5138.5
342	9.9	11712.0	-5102.8	432	10.0	14347.3	-5129.7	522	10.0	20232.8	-5134.3	612	9.4	22944.7	-5140.4
343	10.0	11758.1	-5111.6	433	10.0	14358.4	-5108.6	523	10.0	20256.5	-5119.8	613	10.0	23046.4	-5146.9
344	10.0	11802.1	-5155.1	434	7.6	14359.2	-5106.3	524	10.0	20331.4	-5156.6	614	10.0	23056.9	-5145.4
345	10.0	11805.1	-5151.4	435	10.0	14420.4	-5113.5	525	10.0	20332.9	-5137.7	615	9.9	23057.6	-5121.8
346	10.0	11809.7	-5123.5	436	10.0	14421.0	-5128.7	526	10.0	20355.1	-5112.3	616	7.0	23115.6	-5123.9
347	10.0	11835.7	-5132.1	437	10.0	14438.8	-5128.0	527	10.0	20407.4	-5107.6	617	10.0	23129.1	-5148.4
348	9.8	11908.2	-5152.1	438	10.0	14440.0	-5145.2	528	10.0	20436.7	-5144.5	618	10.0	23158.4	-5127.4
349	10.0	11915.7	-5129.4	439	10.0	14506.4	-5146.4	529	10.0	20440.7	-5105.7	619	9.7	23205.3	-5106.3
350	10.0	11934.2	-5144.6	440	10.0	14519.8	-5104.0	530	10.0	20455.9	-5103.4	620	10.0	23215.2	-5100.8
351	9.8	11939.1	-5127.5	441	10.0	14534.5	-5140.2	531	10.0	20524.9	-5151.4	621	10.0	23249.4	-5153.4
352	8.9	11949.3	-5146.1	442	10.0	14534.7	-5159.9	532	6.4	20527.7	-5126.0	622	10.0	23258.6	-5103.0
353	10.0	11949.3	-5111.7	443	10.0	14536.4	-5142.6	533	10.0	20606.9	-5153.9	623	10.0	23311.1	-5151.4
354	9.8	12001.0	-5128.8	444	8.8	14605.6	-5117.1	534	10.0	20635.6	-5153.4	624	10.0	23312.6	-5128.4
355	8.7	12011.2	-5155.7	445	10.0	14648.6	-5109.2	535	9.9	20657.6	-5105.8	625	10.0	23344.8	-5119.8
356	10.0	12038.8	-5148.1	446	10.0	14648.8	-5137.7	536	9.8	20643.4	-5108.7	626	10.0	23348.5	-5113.2
357	10.0	12103.2	-5144.1	447	10.0	14727.6	-5105.0	537	10.0	20650.0	-5122.3	627	10.0	23405.1	-5103.5
358	10.0	12120.3	-5128.0	448	10.0	14729.0	-5107.4	538	10.0	20702.5	-5140.9	628	10.0	23438.4	-5119.5
359	9.9	12227.8	-5132.8	449	10.0	14800.8	-5156.9	539	9.8	20744.5	-5146.5	629	10.0	23444.1	-5118.1
360	10.0	12229.9	-5113.9	450	10.0	14801.6	-5126.1	540	9.8	20803.2	-5122.5	630	10.0	23456.3	-5155.8
361	9.9	12239.3	-5113.8	451	10.0	14810.1	-5125.7	541	10.0	20827.3	-5140.8	631	10.0	23527.7	-5153.4
362	10.0	12252.9	-5132.7	452	9.3	14818.6	-5133.6	542	10.0	20833.9	-5125.8	632	10.0	23549.6	-5113.6
363	10.0	12300.7	-5117.6	453	10.0	14820.7	-5106.2	543	10.0	20838.3	-5112.7	633	9.8	23645.2	-5138.2
364	10.0	12318.3	-5102.8	454	10.0	14823.0	-5101.0	544	9.9	20842.2	-5118.7	634	9.0	23653.8	-5158.9
365	10.0	12346.9	-5113.7	455	10.0	14836.7	-5141.3	545	10.0	20842.2	-5127.1	635	10.0	23657.4	-5128.8
366	9.9	12402.6	-5125.2	456	10.0	14849.2	-5118.5	546	10.0	20935.7	-5130.3	636	10.0	23702.8	-5122.8
367	9.5	12421.9	-5104.8	457	9.1	14851.6	-5128.6	547	10.0	21003.7	-5100.0	637	9.6	23708.1	-5152.9
368	10.0	12433.0	-5120.3	458	10.0	14853.5	-5140.9	548	9.9	21010.9	-5115.0	638	10.0	23738.9	-5147.8
369	10.0	12450.3	-5130.0	459	10.0	14910.2	-5113.8	549	9.8	21039.0	-5130.8	639	9.8	23749.0	-5131.8
370	9.8	12458.3	-5145.0	460	10.0	14916.2	-5135.0	550	10.0	21041.7	-5106.8	640	10.0	23803.3	-5109.2
371	10.0	12501.1	-5103.3	461	10.0	14920.1	-5155.1	551	9.9	21045.1	-5111.6	641	5.6	23819.1	-5120.5

-51 642 2h38m

-51 1001 4h00m

642	10.0	23820.0	-5123.6	732	10.0	30510.3	-5143.0	822	10.0	32715.7	-5131.5	912	9.6	34331.0	-5111.5
643	9.4	23835.1	-5102.7	733	9.4	30535.9	-5136.2	823	10.0	32719.4	-5130.0	913	9.0	34337.2	-5101.4
644	10.0	23842.3	-5144.8	734	10.0	30543.6	-5118.7	824	10.0	32721.2	-5134.0	914	6.9	34347.7	-5108.2
645	10.0	23900.4	-5139.6	735	9.5	30602.8	-5147.9	825	9.6	32741.2	-5145.2	915	9.7	34359.5	-5118.6
646	10.0	23902.1	-5155.2	736	10.0	30606.5	-5130.0	826	10.0	32743.0	-5137.0	916	10.0	34418.0	-5123.2
647	10.0	23939.1	-5114.2	737	7.7	30610.0	-5118.3	827	10.0	32745.4	-5100.9	917	10.0	34434.5	-5113.3
648	10.0	23943.5	-5123.9	738	8.8	30649.9	-5113.3	828	10.0	32746.4	-5121.8	918	9.9	34444.2	-5122.0
649	10.0	24011.6	-5114.7	739	9.9	30652.9	-5110.5	829	9.2	32748.5	-5158.0	919	10.0	34458.6	-5158.8
650	10.0	24015.5	-5120.7	740	9.8	30706.5	-5117.1	830	10.0	32759.7	-5135.8	920	10.0	34531.0	-5114.3
651	10.0	24045.3	-5128.2	741	9.4	30802.2	-5128.6	831	10.0	32803.5	-5150.0	921	9.4	34533.7	-5146.6
652	10.0	24125.7	-5156.2	742	9.9	30911.6	-5159.9	832	10.0	32810.0	-5108.6	922	9.1	34535.1	-5148.3
653	10.0	24138.1	-5125.8	743	8.3	30921.5	-5134.1	833	8.3	32830.4	-5114.7	923	10.0	34543.8	-5157.2
654	10.0	24148.2	-5123.8	744	10.0	30926.5	-5139.0	834	9.6	32837.2	-5147.0	924	10.0	34559.4	-5109.3
655	10.0	24207.3	-5135.8	745	10.0	30932.0	-5114.4	835	10.0	32840.8	-5107.8	925	10.0	34616.2	-5130.2
656	10.0	24213.4	-5147.8	746	9.4	30938.2	-5148.2	836	9.9	32904.6	-5112.4	926	9.7	34618.3	-5136.1
657	10.0	24225.4	-5123.2	747	10.0	30945.3	-5124.9	837	10.0	32913.1	-5111.6	927	10.0	34630.5	-5123.9
658	10.0	24310.3	-5152.7	748	10.0	31052.8	-5137.9	838	10.0	32916.7	-5134.0	928	10.0	34631.1	-5129.8
659	9.5	24315.1	-5158.7	749	7.5	31100.2	-5101.3	839	10.0	32919.8	-5135.4	929	10.0	34633.8	-5137.8
660	9.8	24321.0	-5128.2	750	10.0	31117.7	-5157.9	840	10.0	32934.8	-5156.0	930	8.6	34705.1	-5123.9
661	9.7	24339.4	-5136.4	751	10.0	31132.6	-5139.9	841	10.0	32936.0	-5121.2	931	9.8	34747.8	-5153.1
662	10.0	24345.7	-5120.6	752	10.0	31149.6	-5125.2	842	9.7	32941.9	-5126.9	932	9.8	34757.6	-5114.0
663	9.5	24356.2	-5145.6	753	10.0	31153.0	-5148.9	843	10.0	33015.4	-5145.9	933	10.0	34810.6	-5134.8
664	8.9	24420.0	-5133.6	754	10.0	31210.1	-5155.9	844	10.0	33026.1	-5152.4	934	10.0	34811.8	-5158.8
665	10.0	24433.6	-5134.2	755	9.9	31222.0	-5104.2	845	10.0	33026.9	-5124.3	935	10.0	34816.6	-5157.8
666	9.9	24503.8	-5118.0	756	10.0	31241.4	-5134.9	846	10.0	33033.3	-5101.0	936	10.0	34842.9	-5147.2
667	10.0	24519.9	-5119.7	757	9.0	31310.1	-5107.0	847	10.0	33035.2	-5103.9	937	10.0	34853.5	-5122.9
668	10.0	24531.3	-5153.2	758	10.0	31324.0	-5117.0	848	9.6	33041.3	-5102.2	938	10.0	34910.9	-5121.6
669	10.0	24546.8	-5131.2	759	10.0	31354.9	-5147.9	849	8.8	33056.5	-5123.2	939	10.0	35019.4	-5110.3
670	10.0	24551.3	-5154.1	760	9.7	31422.5	-5110.3	850	10.0	33147.6	-5130.9	940	10.0	35045.2	-5131.2
671	10.0	24603.6	-5138.2	761	10.0	31438.6	-5110.2	851	9.5	33154.1	-5151.8	941	10.0	35050.8	-5143.6
672	10.0	24605.0	-5144.7	762	9.8	31439.4	-5159.8	852	9.9	33200.8	-5157.4	942	10.0	35100.7	-5134.5
673	9.3	24612.2	-5103.7	763	10.0	31442.1	-5100.1	853	10.0	33214.6	-5158.4	943	9.4	35115.1	-5121.4
674	10.0	24629.8	-5148.2	764	7.7	31450.0	-5145.0	854	8.4	33235.1	-5137.2	944	10.0	35120.5	-5157.6
675	10.0	24640.0	-5129.2	765	10.0	31515.0	-5102.2	855	10.0	33247.0	-5121.8	945	8.6	35128.9	-5106.0
676	9.1	24706.0	-5150.9	766	10.0	31519.3	-5149.8	856	10.0	33248.4	-5154.8	946	9.8	35135.8	-5142.0
677	10.0	24715.0	-5133.2	767	9.7	31523.6	-5138.0	857	10.0	33256.2	-5112.6	947	10.0	35142.5	-5134.5
678	9.1	24745.0	-5159.9	768	8.3	31531.2	-5119.9	858	10.0	33259.4	-5114.6	948	10.0	35149.4	-5145.6
679	9.9	24854.7	-5149.4	769	10.0	31537.0	-5147.8	859	10.0	33333.6	-5101.4	949	9.9	35218.6	-5150.1
680	10.0	24904.0	-5122.6	770	9.2	31540.9	-5100.1	860	10.0	33343.2	-5113.5	950	9.9	35234.3	-5155.5
681	9.4	24924.8	-5103.0	771	10.0	31608.7	-5159.8	861	9.1	33344.6	-5109.2	951	10.0	35238.8	-5104.4
682	10.0	24943.2	-5102.8	772	9.5	31802.6	-5117.6	862	9.8	33401.6	-5133.9	952	10.0	35241.4	-5137.6
683	6.3	25003.7	-5122.9	773	9.2	31818.2	-5126.5	863	10.0	33407.4	-5100.9	953	10.0	35242.7	-5140.6
684	8.0	25007.0	-5121.3	774	9.5	31819.6	-5135.8	864	10.0	33423.4	-5111.6	954	10.0	35305.3	-5132.0
685	9.6	25049.8	-5142.2	775	9.7	31841.0	-5159.9	865	9.4	33427.6	-5121.8	955	9.6	35328.3	-5121.8
686	8.4	25127.0	-5145.7	776	9.7	31847.8	-5123.0	866	10.0	33441.2	-5143.8	956	9.5	35328.7	-5134.5
687	10.0	25304.8	-5100.6	777	10.0	31851.3	-5126.8	867	9.6	33500.2	-5143.5	957	10.0	35359.2	-5145.6
688	9.9	25317.5	-5143.5	778	10.0	31902.0	-5121.4	868	9.9	33502.0	-5110.5	958	10.0	35403.7	-5119.2
689	9.8	25328.5	-5101.8	779	7.7	31910.3	-5145.2	869	10.0	33523.0	-5155.9	959	10.0	35408.8	-5153.2
690	9.9	25353.5	-5147.5	780	9.6	31927.4	-5136.6	870	9.6	33528.3	-5142.4	960	9.8	35412.8	-5111.2
691	9.2	25436.6	-5102.4	781	10.0	31929.8	-5145.8	871	9.0	33541.4	-5152.7	961	9.7	35503.6	-5118.0
692	10.0	25637.5	-5100.1	782	10.0	31937.2	-5121.8	872	9.5	33638.3	-5134.0	962	10.0	35504.2	-5150.6
693	9.5	25644.3	-5124.0	783	9.8	31951.4	-5102.4	873	10.0	33639.8	-5134.8	963	10.0	35512.1	-5141.3
694	10.0	25712.3	-5107.5	784	10.0	31953.0	-5128.7	874	10.0	33650.0	-5131.8	964	10.0	35523.5	-5101.9
695	9.9	25718.3	-5127.6	785	10.0	32028.1	-5130.7	875	10.0	33703.0	-5145.8	965	9.1	35526.4	-5131.8
696	10.0	25722.0	-5131.6	786	9.7	32029.6	-5107.5	876	9.8	33711.3	-5125.7	966	8.0	35528.8	-5126.6
697	10.0	25723.6	-5121.8	787	9.5	32043.8	-5103.1	877	9.6	33714.4	-5150.9	967	9.8	35531.7	-5153.6
698	10.0	25801.0	-5104.1	788	10.0	32051.7	-5103.1	878	9.9	33716.3	-5147.8	968	9.6	35539.2	-5122.4
699	7.8	25955.4	-5154.1	789	9.7	32053.2	-5107.2	879	10.0	33738.4	-5129.8	969	9.6	35559.7	-5139.3
700	9.6	30001.9	-5113.2	790	6.6	32053.8	-5130.0	880	10.0	33749.7	-5140.4	970	9.4	35603.0	-5111.1
701	9.7	30008.1	-5107.2	791	9.3	32057.6	-5113.2	881	8.5	33814.0	-5149.5	971	9.7	35635.0	-5137.8
702	10.0	30012.1	-5103.7	792	9.8	32106.8	-5123.5	882	10.0	33827.9	-5158.4	972	9.7	35637.5	-5127.8
703	9.4	30020.2	-5134.3	793	10.0	32107.1	-5108.1	883	9.6	33828.7	-5123.6	973	9.5	35644.6	-5143.4
704	7.6	30038.4	-5148.4	794	10.0	32134.6	-5101.4	884	9.4	33838.2	-5100.0	974	9.4	35653.0	-5135.9
705	10.0	30040.0	-5139.3	795	9.6	32136.6	-5132.1	885	7.3	33848.5	-5111.6	975	7.2	35654.4	-5155.3
706	8.8	30042.2	-5148.2	796	9.6	32142.7	-5130.1	886	8.4	33911.8	-5141.0	976	9.1	35707.2	-5140.6
707	9.4	30046.1	-5114.2	797	10.0	32153.6	-5110.0	887	7.3	33928.0	-5103.2	977	10.0	35711.0	-5108.8
708	9.6	30058.4	-5157.0	798	10.0	32154.2	-5152.0	888	10.0	33937.7	-5110.6	978	9.8	35725.0	-5146.8
709	9.3	30111.0	-5139.1	799	10.0	32202.6	-5145.0	889	10.0	33946.7	-5143.8	979	10.0	35728.4	-5128.0
710	10.0	30113.7	-5113.5	800	9.9	32209.4	-5131.0	890	10.0	33947.6	-5152.8	980	10.0	35733.4	-5124.2
711	10.0	30113.9	-5133.1	801	8.2	32214.2	-5114.5	891	10.0	33952.6	-5103.9	981	10.0	35737.2	-5116.4
712	10.0	30122.1	-5153.1	802	10.0	32221.2	-5154.0	892	10.0	34010.0	-5129.8	982	10.0	35739.3	-5136.0
713	10.0	30130.3	-5151.1	803	9.6	32223.4	-5116.3	893	10.0	34015.4	-5133.3	983	8.7	35804.9	-5118.4
714	9.9	30140.7	-5139.5	804	10.0	32223.4	-5133.5	894	9.4	34034.0	-5120.4	984	10.0	35814.1	-5102.2
715	9.5	30158.0	-5123.3	805	10.0	32250.6	-5130.0	895	10.0	34041.4	-5159.4	985	10.0	35822.7	-5112.0
716	10.0	30220.6	-5140.1	806	8.8	32254.2	-5104.9	896	10.0	34057.1	-5126.8	986	10.0	35837.6	-5135.3
717	10.0	30221.9	-5139.1	807	10.0	32308.2	-5123.0	897	10.0	34113.9	-5131.8	987	10.0	35838.5	-5156.9
718	8.6	30236.2	-5101.5	808	10.0	32317.2	-5125.5	898	9.1	34131.4	-5142.6	988	9.7	35843.4	-5140.0
719	9.6	30246.3	-5135.6	809	8.5	32323.3	-5104.8	899	10.0	34140.0	-5114.6	989	10.0	35847.4	-5139.9
720	8.3	30328.3	-5156.2	810	10.0	32323.8	-5154.5	900	7.7	34142.5	-5138.8	990	9.5	35851.0	-5104.3
721	9.9	30332.8	-5130.0	811	10.0	32353.9	-5102.3	901	10.0	34149.4	-5118.6	991	10.0	35903.4	-5109.2
722	10.0	30336.8	-5154.0	812	10.0	32355.7	-5104.1	902	10.0	34152.0	-5150.2	992	10.0	35904.4	-5156.8
723	10.0	30337.3	-5119.0	813	10.0	32407.5	-5145.5	903	10.0	34211.3	-5151.8	993	9.8	35918.7	-5148.3
724	10.0	30343.2	-5121.0	814	9.2	32438.3	-5157.5	904	9.7	34212.3	-5116.7	994	9.7	35932.4	-5150.8
725	9.8	30414.2	-5146.9	815	10.0	32512.8	-5158.5	905	10.0	34217.7	-5125.0	995	10.0	35942.4	-5106.2
726	10.0	30417.3	-5118.0	816	10.0	32516.8	-5150.0	906	10.0	34219.4	-5144.6	996	7.8	35944.0	-5159.5
727	10.0	30438.8	-5131.0	817	10.0	32535.5	-5118.5	907	10.0	34230.1	-5124.8	997	9.7	40001.4	-5146.4
728	10.0	30449.4	-5142.0	818	9.2	32539.9	-5120.1	908	10.0	34232.3	-5122.6	998	10.0	40002.5	-5119.1
729	10.0	30454.3	-5120.4	819	10.0	32543.6	-5146.1	909	10.0	34232.4	-5126.8	999	9.8	40012.8	-5103.2
730	10.0	30457.7	-5128.0	820	10.0	32632.8	-5129.9	910	10.0	34304.5	-5145.8	1000	10.0	40013.0	-5112.6
731	9.4	30502.7	-5112.2	821	10.0	32652.6	-5124.0	911	10.0	34321.8	-5151.8	1001	10.0	40015.3	-5152.8

1002	10.0	40021.7	-5110.8	1092	10.0	41647.4	-5144.8	1182	10.0	43158.8	-5136.4	1272	10.0	44639.8	-5142.3
1003	10.0	40043.6	-5125.6	1093	10.0	41650.7	-5158.4	1183	10.0	43203.9	-5138.8	1273	9.3	44654.7	-5103.0
1004	10.0	40104.5	-5118.2	1094	10.0	41727.4	-5127.7	1184	9.0	43218.7	-5114.2	1274	8.7	44657.3	-5155.4
1005	9.8	40110.2	-5128.0	1095	10.0	41728.6	-5107.0	1185	10.0	43237.4	-5158.5	1275	9.9	44701.3	-5144.8
1006	10.0	40133.6	-5136.3	1096	7.7	41739.5	-5120.4	1186	10.0	43240.5	-5140.2	1276	10.0	44706.3	-5103.0
1007	10.0	40136.6	-5109.9	1097	10.0	41801.0	-5135.7	1187	10.0	43256.1	-5129.1	1277	9.3	44706.5	-5154.2
1008	7.9	40159.4	-5142.7	1098	10.0	41803.6	-5143.2	1188	10.0	43303.6	-5106.3	1278	8.6	44717.1	-5116.1
1009	9.9	40216.8	-5103.7	1099	10.0	41816.5	-5102.6	1189	10.0	43313.4	-5105.3	1279	10.0	44807.6	-5124.6
1010	10.0	40220.5	-5142.3	1100	10.0	41835.7	-5130.2	1190	10.0	43323.7	-5124.1	1280	9.4	44821.9	-5127.2
1011	10.0	40302.3	-5103.4	1101	10.0	41838.5	-5156.1	1191	9.9	43333.0	-5118.3	1281	6.9	44825.9	-5156.2
1012	10.0	40342.4	-5126.6	1102	9.4	41847.6	-5147.4	1192	10.0	43407.3	-5132.5	1282	10.0	44847.2	-5131.2
1013	9.4	40345.0	-5136.6	1103	10.0	41855.4	-5134.6	1193	10.0	43408.5	-5133.2	1283	10.0	44857.6	-5142.2
1014	10.0	40346.4	-5125.2	1104	9.7	41856.3	-5158.4	1194	10.0	43427.5	-5138.1	1284	10.0	44901.2	-5106.6
1015	10.0	40412.6	-5112.1	1105	10.0	41859.2	-5100.6	1195	9.9	43433.2	-5126.1	1285	10.0	44903.2	-5104.0
1016	10.0	40415.0	-5106.1	1106	9.9	41911.6	-5158.6	1196	9.9	43453.2	-5122.1	1286	9.3	44924.0	-5132.3
1017	10.0	40451.0	-5151.8	1107	10.0	41912.8	-5112.4	1197	10.0	43455.4	-5143.7	1287	10.0	44928.8	-5130.7
1018	9.9	40451.8	-5133.2	1108	9.8	41925.9	-5104.5	1198	10.0	43457.5	-5139.1	1288	10.0	44929.9	-5115.6
1019	9.2	40503.2	-5140.9	1109	10.0	41931.4	-5132.9	1199	10.0	43502.0	-5141.3	1289	9.1	44942.0	-5100.3
1020	10.0	40507.4	-5133.8	1110	10.0	42000.5	-5124.5	1200	9.9	43510.1	-5125.4	1290	10.0	44950.1	-5119.5
1021	10.0	40515.6	-5135.5	1111	10.0	42005.1	-5119.8	1201	9.9	43511.6	-5123.5	1291	10.0	45025.1	-5118.2
1022	9.5	40516.9	-5154.0	1112	8.8	42010.0	-5119.0	1202	9.9	43533.4	-5149.5	1292	10.0	45031.2	-5102.9
1023	9.7	40525.2	-5148.4	1113	10.0	42036.1	-5123.5	1203	9.8	43536.9	-5152.0	1293	10.0	45050.4	-5145.2
1024	9.6	40543.3	-5129.1	1114	10.0	42039.6	-5108.7	1204	9.7	43539.2	-5157.7	1294	10.0	45057.0	-5139.6
1025	10.0	40544.1	-5151.1	1115	10.0	42053.6	-5152.7	1205	8.9	43546.1	-5141.7	1295	10.0	45107.7	-5140.6
1026	10.0	40548.2	-5121.1	1116	10.0	42111.1	-5105.7	1206	9.9	43546.7	-5104.7	1296	9.8	45109.2	-5133.2
1027	9.6	40614.9	-5150.8	1117	10.0	42120.6	-5116.6	1207	6.5	43558.7	-5155.2	1297	10.0	45118.0	-5140.6
1028	10.0	40618.4	-5110.4	1118	10.0	42146.7	-5144.0	1208	10.0	43627.4	-5109.9	1298	8.5	45128.3	-5118.0
1029	9.4	40626.6	-5154.9	1119	8.4	42147.9	-5111.4	1209	9.5	43633.8	-5154.2	1299	9.9	45133.8	-5119.0
1030	9.9	40628.5	-5134.1	1120	9.9	42155.5	-5122.8	1210	9.5	43643.2	-5121.6	1300	10.0	45137.2	-5130.1
1031	9.6	40637.5	-5138.8	1121	9.9	42157.6	-5130.0	1211	9.7	43646.6	-5113.9	1301	10.0	45138.7	-5113.0
1032	9.7	40638.3	-5155.2	1122	9.6	42159.4	-5155.6	1212	10.0	43650.6	-5123.3	1302	10.0	45141.0	-5140.6
1033	9.9	40638.7	-5134.8	1123	9.3	42202.5	-5145.3	1213	9.8	43651.2	-5148.3	1303	10.0	45144.9	-5108.0
1034	10.0	40643.3	-5107.0	1124	9.9	42209.6	-5118.4	1214	10.0	43652.8	-5125.6	1304	10.0	45155.0	-5157.1
1035	9.9	40656.4	-5134.3	1125	10.0	42217.6	-5149.8	1215	10.0	43655.4	-5133.9	1305	10.0	45216.6	-5125.2
1036	9.8	40705.6	-5120.3	1126	9.4	42219.6	-5147.6	1216	10.0	43655.6	-5121.0	1306	10.0	45227.4	-5112.4
1037	10.0	40741.4	-5112.9	1127	9.1	42244.1	-5158.1	1217	9.6	43712.0	-5146.9	1307	10.0	45247.8	-5101.5
1038	10.0	40747.2	-5131.0	1128	10.0	42256.0	-5137.5	1218	10.0	43729.2	-5115.4	1308	10.0	45307.8	-5103.8
1039	10.0	40755.6	-5102.4	1129	9.7	42259.4	-5128.3	1219	10.0	43737.6	-5124.8	1309	8.3	45310.7	-5114.5
1040	10.0	40816.2	-5155.2	1130	9.3	42313.1	-5121.3	1220	9.3	43812.6	-5140.6	1310	9.9	45314.2	-5151.6
1041	10.0	40816.2	-5156.2	1131	9.7	42318.6	-5118.8	1221	9.8	43814.0	-5132.6	1311	9.5	45318.4	-5138.0
1042	10.0	40822.8	-5102.4	1132	10.0	42319.0	-5139.3	1222	10.0	43816.2	-5130.7	1312	10.0	45320.1	-5128.1
1043	10.0	40824.6	-5134.7	1133	10.0	42319.3	-5134.1	1223	9.7	43824.9	-5157.9	1313	8.0	45336.6	-5138.8
1044	10.0	40830.5	-5102.7	1134	10.0	42348.5	-5141.0	1224	10.0	43837.0	-5101.7	1314	10.0	45341.5	-5150.6
1045	9.6	40832.2	-5155.8	1135	10.0	42353.2	-5114.6	1225	10.0	43857.8	-5147.6	1315	10.0	45359.6	-5133.0
1046	9.7	40836.2	-5124.3	1136	10.0	42412.3	-5102.0	1226	10.0	43904.0	-5128.4	1316	10.0	45400.8	-5157.6
1047	9.9	40838.6	-5107.6	1137	10.0	42420.6	-5159.0	1227	10.0	43914.3	-5111.3	1317	10.0	45412.0	-5132.1
1048	9.8	40914.6	-5129.5	1138	8.6	42423.4	-5134.3	1228	10.0	43929.4	-5100.3	1318	10.0	45414.6	-5100.5
1049	10.0	40918.1	-5120.0	1139	10.0	42450.7	-5139.3	1229	10.0	44001.8	-5100.3	1319	10.0	45424.0	-5150.3
1050	10.0	40939.0	-5155.2	1140	10.0	42509.3	-5152.3	1230	10.0	44004.9	-5137.6	1320	10.0	45456.5	-5129.6
1051	10.0	40941.2	-5156.0	1141	10.0	42510.9	-5102.5	1231	10.0	44006.3	-5126.4	1321	10.0	45508.3	-5150.8
1052	9.7	40945.9	-5130.0	1142	9.9	42514.1	-5133.8	1232	10.0	44013.2	-5124.5	1322	10.0	45516.7	-5138.2
1053	10.0	40957.3	-5136.0	1143	10.0	42515.5	-5123.9	1233	10.0	44026.1	-5147.2	1323	9.9	45522.9	-5136.9
1054	10.0	41004.6	-5141.3	1144	9.8	42547.6	-5159.3	1234	9.8	44032.0	-5122.2	1324	10.0	45524.0	-5141.1
1055	10.0	41024.5	-5131.3	1145	10.0	42552.6	-5116.4	1235	10.0	44033.3	-5101.0	1325	10.0	45529.5	-5113.5
1056	9.6	41030.2	-5106.9	1146	9.7	42556.1	-5127.3	1236	9.3	44055.6	-5119.1	1326	10.0	45532.0	-5122.6
1057	7.5	41033.2	-5154.6	1147	9.1	42556.9	-5124.5	1237	10.0	44056.8	-5128.4	1327	10.0	45539.6	-5123.5
1058	10.0	41043.8	-5122.5	1148	10.0	42602.2	-5136.3	1238	10.0	44059.8	-5125.4	1328	9.9	45555.1	-5151.6
1059	9.8	41113.6	-5101.2	1149	10.0	42604.9	-5147.3	1239	10.0	44104.8	-5142.2	1329	10.0	45615.5	-5142.6
1060	10.0	41115.2	-5125.4	1150	10.0	42607.1	-5151.5	1240	10.0	44119.8	-5159.8	1330	9.8	45621.4	-5103.1
1061	10.0	41120.3	-5135.6	1151	10.0	42631.5	-5138.5	1241	9.6	44129.3	-5134.8	1331	10.0	45622.7	-5147.6
1062	10.0	41139.3	-5129.6	1152	10.0	42647.3	-5129.6	1242	9.0	44130.6	-5149.2	1332	9.6	45631.6	-5143.2
1063	9.4	41154.0	-5108.8	1153	10.0	42657.7	-5136.0	1243	9.0	44140.5	-5143.2	1333	10.0	45645.4	-5138.3
1064	10.0	41157.1	-5118.0	1154	9.4	42701.5	-5111.4	1244	8.1	44141.7	-5130.4	1334	10.0	45646.0	-5130.6
1065	9.6	41205.8	-5133.4	1155	10.0	42702.0	-5145.9	1245	9.9	44147.1	-5149.8	1335	10.0	45647.3	-5127.6
1066	4.4	41245.4	-5148.0	1156	9.9	42733.5	-5119.3	1246	9.5	44159.2	-5131.4	1336	9.4	45716.4	-5140.0
1067	9.4	41248.0	-5156.4	1157	9.9	42741.4	-5105.2	1247	9.7	44200.3	-5144.4	1337	9.8	45725.4	-5117.0
1068	10.0	41256.8	-5103.9	1158	10.0	42806.1	-5113.1	1248	10.0	44225.7	-5112.2	1338	8.6	45732.9	-5113.9
1069	10.0	41302.6	-5127.7	1159	10.0	42840.2	-5130.5	1249	10.0	44229.6	-5155.8	1339	10.0	45736.1	-5111.0
1070	9.6	41313.0	-5142.7	1160	9.1	42904.7	-5102.9	1250	10.0	44240.5	-5125.4	1340	10.0	45740.0	-5108.5
1071	9.6	41314.0	-5109.9	1161	9.5	42910.2	-5141.9	1251	9.9	44243.9	-5103.5	1341	10.0	45754.9	-5159.4
1072	8.4	41325.5	-5154.5	1162	10.0	42921.7	-5108.5	1252	10.0	44245.7	-5100.2	1342	9.9	45758.5	-5113.0
1073	10.0	41331.2	-5124.4	1163	9.5	42924.2	-5140.4	1253	8.8	44314.4	-5116.7	1343	10.0	45857.4	-5136.3
1074	10.0	41332.3	-5108.5	1164	10.0	42946.6	-5142.3	1254	10.0	44343.5	-5103.1	1344	10.0	45905.2	-5101.9
1075	9.3	41337.4	-5136.9	1165	9.5	42947.0	-5104.7	1255	10.0	44356.0	-5155.8	1345	10.0	45913.0	-5133.6
1076	10.0	41410.4	-5152.2	1166	10.0	42958.1	-5121.4	1256	10.0	44357.4	-5157.3	1346	10.0	45914.4	-5126.0
1077	10.0	41419.4	-5119.0	1167	9.6	42958.2	-5117.0	1257	10.0	44358.8	-5103.4	1347	10.0	45917.4	-5110.0
1078	10.0	41420.2	-5111.2	1168	10.0	43017.5	-5147.2	1258	10.0	44406.0	-5124.0	1348	8.3	45928.3	-5137.9
1079	10.0	41421.5	-5112.2	1169	10.0	43020.9	-5146.5	1259	10.0	44414.0	-5128.6	1349	9.9	45939.7	-5126.9
1080	10.0	41442.5	-5114.2	1170	10.0	43028.6	-5109.5	1260	10.0	44435.1	-5118.2	1350	10.0	45940.6	-5101.7
1081	10.0	41506.0	-5148.7	1171	9.6	43032.2	-5117.0	1261	10.0	44440.3	-5149.8	1351	10.0	45953.3	-5153.0
1082	10.0	41510.3	-5156.2	1172	9.5	43034.7	-5143.0	1262	9.0	44445.4	-5118.7	1352	9.9	50002.9	-5124.2
1083	10.0	41513.7	-5154.5	1173	9.8	43036.0	-5104.7	1263	10.0	44456.0	-5122.9	1353	10.0	50004.1	-5108.6
1084	10.0	41514.8	-5105.5	1174	10.0	43103.1	-5117.8	1264	10.0	44457.6	-5146.3	1354	10.0	50010.0	-5131.5
1085	10.0	41525.0	-5126.2	1175	9.7	43131.4	-5157.0	1265	10.0	44525.6	-5148.8	1355	10.0	50024.3	-5158.6
1086	10.0	41553.6	-5145.2	1176	9.9	43131.6	-5142.2	1266	9.0	44529.8	-5102.0	1356	10.0	50029.2	-5156.5
1087	9.3	41602.0	-5120.8	1177	9.8	43133.2	-5140.9	1267	9.6	44532.6	-5131.6	1357	10.0	50058.6	-5118.2
1088	8.5	41621.4	-5115.5	1178	9.8	43136.4	-5103.4	1268	10.0	44535.8	-5105.2	1358	10.0	50101.0	-5105.2
1089	9.9	41626.3	-5143.5	1179	10.0	43142.8	-5118.4	1269	9.4	44537.2	-5129.6	1359	10.0	50117.6	-5137.2
1090	10.0	41635.4	-5102.5	1180	10.0	43143.4	-5148.5	1270	10.0	44558.3	-5136.3	1360	9.8	50130.5	-5156.2
1091	9.5	41642.5	-5110.5	1181	10.0	43153.8	-5155.5	1271	10.0	44632.7	-5157.8	1361	10.0	50133.3	-5106.6

-51 1362 5h01m

-51 1721 5h58m

1362	9.7	50143.0	-5131.2	1452	7.9	51558.6	-5142.5	1542	10.0	53112.2	-5126.7	1632	9.4	54633.5	-5143.6
1363	10.0	50143.2	-5119.8	1453	9.9	51600.0	-5150.0	1543	10.0	53115.3	-5133.4	1633	10.0	54634.0	-5122.2
1364	10.0	50154.0	-5137.5	1454	9.8	51601.5	-5135.5	1544	10.0	53120.6	-5151.0	1634	9.8	54637.3	-5100.3
1365	9.6	50209.0	-5155.6	1455	10.0	51617.4	-5118.1	1545	8.9	53127.9	-5142.9	1635	7.8	54657.9	-5104.5
1366	10.0	50220.6	-5155.9	1456	9.4	51635.9	-5115.0	1546	10.0	53152.9	-5159.7	1636	10.0	54711.2	-5153.4
1367	8.4	50223.2	-5136.5	1457	9.9	51721.4	-5108.0	1547	10.0	53222.7	-5102.1	1637	10.0	54720.5	-5157.9
1368	10.0	50248.3	-5116.3	1458	10.0	51723.2	-5114.1	1548	10.0	53225.4	-5119.8	1638	10.0	54735.2	-5135.4
1369	10.0	50310.0	-5100.0	1459	9.9	51736.7	-5147.0	1549	10.0	53227.4	-5143.4	1639	9.5	54735.8	-5138.3
1370	9.9	50332.1	-5158.2	1460	10.0	51742.5	-5117.6	1550	9.9	53231.3	-5147.4	1640	10.0	54741.3	-5144.9
1371	9.9	50337.5	-5125.6	1461	9.4	51744.2	-5122.2	1551	10.0	53242.6	-5133.8	1641	10.0	54752.7	-5141.2
1372	8.5	50338.4	-5106.4	1462	10.0	51751.7	-5101.0	1552	9.1	53244.0	-5148.7	1642	9.6	54814.6	-5137.2
1373	9.8	50340.4	-5130.4	1463	10.0	51758.3	-5148.0	1553	9.5	53248.5	-5135.2	1643	9.8	54821.5	-5120.6
1374	10.0	50359.5	-5121.9	1464	10.0	51808.8	-5145.5	1554	9.2	53249.6	-5124.3	1644	9.9	54838.7	-5103.5
1375	9.4	50403.3	-5155.0	1465	9.7	51811.1	-5131.6	1555	10.0	53301.8	-5111.8	1645	9.6	54845.9	-5100.6
1376	10.0	50404.4	-5156.4	1466	7.5	51826.7	-5141.9	1556	10.0	53307.0	-5103.3	1646	10.0	54851.9	-5125.3
1377	10.0	50455.6	-5151.4	1467	9.8	51833.0	-5141.7	1557	9.5	53312.9	-5139.0	1647	10.0	54853.0	-5144.4
1378	10.0	50455.9	-5125.4	1468	10.0	51911.1	-5153.0	1558	10.0	53324.1	-5113.7	1648	10.0	54856.6	-5133.1
1379	9.8	50501.7	-5158.4	1469	9.9	51926.4	-5136.8	1559	10.0	53328.4	-5147.3	1649	10.0	54900.6	-5120.8
1380	10.0	50504.5	-5100.5	1470	9.6	51928.4	-5112.6	1560	8.5	53339.6	-5150.9	1650	9.7	54909.0	-5101.7
1381	10.0	50520.8	-5109.6	1471	9.8	52004.6	-5152.5	1561	10.0	53341.9	-5135.6	1651	10.0	54909.8	-5113.8
1382	10.0	50530.6	-5142.4	1472	8.3	52006.4	-5125.7	1562	10.0	53438.4	-5143.6	1652	9.8	54918.6	-5124.1
1383	10.0	50534.2	-5154.7	1473	9.4	52011.9	-5145.5	1563	10.0	53439.7	-5113.4	1653	10.0	54919.0	-5135.8
1384	9.3	50536.9	-5118.0	1474	10.0	52016.4	-5145.0	1564	10.0	53455.0	-5144.2	1654	10.0	54919.9	-5150.4
1385	10.0	50543.8	-5121.4	1475	10.0	52016.4	-5141.4	1565	9.6	53506.6	-5158.6	1655	10.0	54921.3	-5152.4
1386	10.0	50606.5	-5141.4	1476	9.5	52022.5	-5121.0	1566	10.0	53524.4	-5103.3	1656	9.9	54929.3	-5103.5
1387	8.9	50621.0	-5113.0	1477	10.0	52029.6	-5156.8	1567	10.0	53536.6	-5100.9	1657	10.0	54931.6	-5125.0
1388	10.0	50623.9	-5123.7	1478	9.8	52036.4	-5101.7	1568	10.0	53541.6	-5119.4	1658	10.0	54935.7	-5102.2
1389	10.0	50639.6	-5130.9	1479	9.6	52041.1	-5138.8	1569	10.0	53553.8	-5136.1	1659	10.0	54946.9	-5117.2
1390	9.5	50640.9	-5100.6	1480	10.0	52044.8	-5127.8	1570	9.1	53600.6	-5142.4	1660	9.2	55002.1	-5133.3
1391	10.0	50657.0	-5154.4	1481	9.9	52045.8	-5152.3	1571	9.4	53620.9	-5157.0	1661	9.9	55002.5	-5109.8
1392	10.0	50712.6	-5135.4	1482	10.0	52108.9	-5135.3	1572	9.7	53622.7	-5158.7	1662	10.0	55005.8	-5136.2
1393	8.5	50733.6	-5127.4	1483	10.0	52122.9	-5151.3	1573	10.0	53634.0	-5123.2	1663	9.1	55022.6	-5104.7
1394	9.8	50738.6	-5139.1	1484	9.7	52134.4	-5102.2	1574	9.9	53641.8	-5118.4	1664	10.0	55034.8	-5137.1
1395	10.0	50741.5	-5158.7	1485	9.9	52141.5	-5117.3	1575	9.8	53647.4	-5137.0	1665	10.0	55045.6	-5125.3
1396	9.9	50741.9	-5121.1	1486	10.0	52148.9	-5100.2	1576	10.0	53651.2	-5134.5	1666	9.7	55102.0	-5144.3
1397	10.0	50754.0	-5112.4	1487	10.0	52152.0	-5132.3	1577	10.0	53656.0	-5134.2	1667	10.0	55108.2	-5157.7
1398	9.8	50821.6	-5127.2	1488	10.0	52153.8	-5125.3	1578	9.9	53702.4	-5143.0	1668	9.9	55115.7	-5134.5
1399	9.8	50845.6	-5129.4	1489	8.4	52156.2	-5105.4	1579	10.0	53708.0	-5149.0	1669	8.9	55126.5	-5152.3
1400	10.0	50916.0	-5154.0	1490	10.0	52223.2	-5106.0	1580	10.0	53720.4	-5119.7	1670	10.0	55158.4	-5111.4
1401	10.0	50923.0	-5129.0	1491	10.0	52224.1	-5157.8	1581	10.0	53725.9	-5158.0	1671	8.0	55202.4	-5100.6
1402	7.6	50923.8	-5142.1	1492	9.9	52233.3	-5152.8	1582	10.0	53727.4	-5112.2	1672	10.0	55205.2	-5141.7
1403	9.9	50932.2	-5153.6	1493	10.0	52314.0	-5158.8	1583	10.0	53735.2	-5110.6	1673	9.9	55225.9	-5129.6
1404	10.0	50952.2	-5102.3	1494	10.0	52322.5	-5129.8	1584	10.0	53740.6	-5100.1	1674	9.7	55230.5	-5146.0
1405	10.0	50956.3	-5120.2	1495	9.6	52324.7	-5132.8	1585	9.7	53744.2	-5135.5	1675	10.0	55232.1	-5119.5
1406	10.0	50959.1	-5115.2	1496	10.0	52331.4	-5124.4	1586	8.9	53808.3	-5155.0	1676	9.9	55245.9	-5130.3
1407	10.0	51005.1	-5145.0	1497	10.0	52341.6	-5119.0	1587	10.0	53814.1	-5140.5	1677	10.0	55308.5	-5103.8
1408	10.0	51007.3	-5148.6	1498	10.0	52402.0	-5135.8	1588	10.0	53815.3	-5109.9	1678	10.0	55309.5	-5119.1
1409	9.9	51010.0	-5135.6	1499	10.0	52425.3	-5100.4	1589	10.0	53818.0	-5110.6	1679	10.0	55328.8	-5121.6
1410	10.0	51019.8	-5149.1	1500	10.0	52428.5	-5113.4	1590	10.0	53823.8	-5127.5	1680	10.0	55335.5	-5158.1
1411	10.0	51027.4	-5100.8	1501	10.0	52431.3	-5120.9	1591	10.0	53900.2	-5128.4	1681	8.6	55342.7	-5140.0
1412	10.0	51044.5	-5110.3	1502	10.0	52441.2	-5146.8	1592	10.0	53918.0	-5128.0	1682	10.0	55348.8	-5128.7
1413	10.0	51046.9	-5119.2	1503	9.6	52444.7	-5116.8	1593	10.0	53922.1	-5105.7	1683	9.6	55355.6	-5155.5
1414	10.0	51055.0	-5125.6	1504	9.6	52447.1	-5153.8	1594	10.0	53950.7	-5125.9	1684	9.4	55357.3	-5110.0
1415	8.4	51114.6	-5130.0	1505	10.0	52503.8	-5114.4	1595	10.0	53950.8	-5108.9	1685	9.9	55407.0	-5102.3
1416	10.0	51114.9	-5115.8	1506	10.0	52506.4	-5155.8	1596	9.7	53951.8	-5107.8	1686	10.0	55420.0	-5127.5
1417	10.0	51129.6	-5136.8	1507	9.5	52522.0	-5111.4	1597	10.0	54001.3	-5122.0	1687	9.8	55421.9	-5108.1
1418	10.0	51131.5	-5151.2	1508	9.3	52540.8	-5103.0	1598	10.0	54004.0	-5152.0	1688	10.0	55435.8	-5114.8
1419	10.0	51134.5	-5124.8	1509	10.0	52541.8	-5118.8	1599	10.0	54013.1	-5105.4	1689	10.0	55442.0	-5128.2
1420	9.7	51155.4	-5142.6	1510	9.0	52556.2	-5140.5	1600	10.0	54016.0	-5127.4	1690	9.9	55442.1	-5145.2
1421	10.0	51202.2	-5126.2	1511	10.0	52558.3	-5138.8	1601	10.0	54020.8	-5138.5	1691	9.9	55445.2	-5133.7
1422	10.0	51209.2	-5151.1	1512	10.0	52601.2	-5140.8	1602	9.5	54024.4	-5128.6	1692	9.9	55512.2	-5133.2
1423	10.0	51214.8	-5145.6	1513	9.7	52604.0	-5107.5	1603	9.8	54030.1	-5125.3	1693	10.0	55520.4	-5133.7
1424	10.0	51222.3	-5149.6	1514	10.0	52626.4	-5141.3	1604	10.0	54053.2	-5108.9	1694	10.0	55541.4	-5151.7
1425	9.9	51224.3	-5101.6	1515	10.0	52632.0	-5104.5	1605	10.0	54108.0	-5158.0	1695	9.6	55546.6	-5104.8
1426	9.9	51236.4	-5159.6	1516	9.9	52635.4	-5113.6	1606	9.8	54118.8	-5124.3	1696	10.0	55548.6	-5107.8
1427	10.0	51252.5	-5140.6	1517	10.0	52645.2	-5155.0	1607	10.0	54148.0	-5108.6	1697	10.0	55553.3	-5154.1
1428	9.6	51253.3	-5138.6	1518	10.0	52659.2	-5103.0	1608	8.9	54213.3	-5100.0	1698	10.0	55603.6	-5112.3
1429	9.0	51315.4	-5125.2	1519	10.0	52702.5	-5143.1	1609	9.2	54223.6	-5147.9	1699	7.2	55606.0	-5113.8
1430	9.9	51317.2	-5142.6	1520	10.0	52703.3	-5152.8	1610	9.5	54230.5	-5111.9	1700	10.0	55615.8	-5109.3
1431	10.0	51324.8	-5151.6	1521	10.0	52735.3	-5157.2	1611	10.0	54241.7	-5134.4	1701	10.0	55619.5	-5139.6
1432	10.0	51325.2	-5125.2	1522	10.0	52742.4	-5128.7	1612	10.0	54248.6	-5118.1	1702	10.0	55631.8	-5117.8
1433	8.3	51332.3	-5136.4	1523	9.2	52746.0	-5124.1	1613	10.0	54256.7	-5140.9	1703	10.0	55646.3	-5107.2
1434	10.0	51342.5	-5131.4	1524	10.0	52749.2	-5148.0	1614	10.0	54258.1	-5105.6	1704	10.0	55713.6	-5127.1
1435	9.0	51422.8	-5158.6	1525	10.0	52753.2	-5129.2	1615	10.0	54313.3	-5146.0	1705	9.9	55715.6	-5103.0
1436	9.4	51424.4	-5130.1	1526	10.0	52759.4	-5126.0	1616	9.9	54315.7	-5145.3	1706	9.9	55722.1	-5138.9
1437	9.8	51439.3	-5108.5	1527	10.0	52815.4	-5107.8	1617	10.0	54317.2	-5114.0	1707	10.0	55728.8	-5123.0
1438	9.5	51441.6	-5127.2	1528	9.6	52816.6	-5137.7	1618	9.8	54356.9	-5119.5	1708	9.5	55731.2	-5100.9
1439	10.0	51441.8	-5149.5	1529	10.0	52825.0	-5129.2	1619	9.9	54407.3	-5121.2	1709	9.8	55731.8	-5119.7
1440	10.0	51445.3	-5152.0	1530	10.0	52833.7	-5104.8	1620	4.8	54419.6	-5106.7	1710	8.3	55740.1	-5128.1
1441	10.0	51500.3	-5124.2	1531	9.8	52904.0	-5102.2	1621	9.1	54427.4	-5145.6	1711	10.0	55751.0	-5153.6
1442	9.4	51503.2	-5120.6	1532	10.0	52935.5	-5155.7	1622	9.4	54439.6	-5106.9	1712	9.9	55751.2	-5103.8
1443	9.9	51515.3	-5102.1	1533	10.0	52939.4	-5155.7	1623	10.0	54452.4	-5103.6	1713	6.5	55753.6	-5113.2
1444	10.0	51521.2	-5155.8	1534	10.0	52953.0	-5102.7	1624	10.0	54520.3	-5142.8	1714	9.9	55756.4	-5158.0
1445	10.0	51527.8	-5153.4	1535	9.9	52953.0	-5108.5	1625	10.0	54546.1	-5104.6	1715	9.7	55757.2	-5131.3
1446	10.0	51530.0	-5130.8	1536	10.0	52955.8	-5116.4	1626	10.0	54547.9	-5136.4	1716	10.0	55758.2	-5112.1
1447	8.6	51530.8	-5133.0	1537	10.0	53006.0	-5143.0	1627	9.8	54552.7	-5108.3	1717	10.0	55806.6	-5119.9
1448	10.0	51545.5	-5102.8	1538	10.0	53009.7	-5120.5	1628	10.0	54556.2	-5128.4	1718	10.0	55807.2	-5117.3
1449	10.0	51548.2	-5110.6	1539	8.0	53023.3	-5143.7	1629	9.7	54601.8	-5102.2	1719	10.0	55821.1	-5124.0
1450	9.9	51551.3	-5124.7	1540	9.2	53037.0	-5109.1	1630	10.0	54612.7	-5129.5	1720	9.1	55823.4	-5151.1
1451	10.0	51555.6	-5143.9	1541	10.0	53104.8	-5125.8	1631	9.7	54623.4	-5153.2	1721	10.0	55852.2	-5128.1

-51 1722 5h58m

-51 2081 6h44m

1722	9.7	55858.6 -5105.6	1812	10.0	61128.2 -5131.3	1902	10.0	62302.8 -5117.4	1992	10.0	63321.8 -5113.5
1723	9.5	55917.0 -5159.7	1813	10.0	61133.6 -5109.2	1903	10.0	62306.4 -5157.8	1993	10.0	63328.2 -5135.7
1724	9.7	55919.1 -5152.5	1814	9.8	61133.8 -5158.0	1904	10.0	62309.6 -5109.5	1994	10.0	63330.6 -5138.7
1725	10.0	55922.6 -5149.5	1815	9.9	61139.8 -5114.4	1905	10.0	62335.6 -5152.4	1995	9.7	63332.6 -5134.7
1726	10.0	55933.1 -5159.3	1816	9.9	61149.1 -5145.5	1906	10.0	62338.5 -5151.6	1996	9.8	63338.4 -5149.5
1727	9.9	60009.7 -5121.5	1817	10.0	61151.8 -5103.4	1907	10.0	62351.4 -5107.8	1997	10.0	63340.4 -5139.5
1728	10.0	60020.8 -5102.2	1818	10.0	61156.8 -5118.3	1908	9.8	62351.4 -5144.4	1998	8.4	63343.4 -5119.4
1729	9.8	60020.8 -5100.7	1819	10.0	61159.1 -5122.7	1909	10.0	62400.5 -5136.5	1999	10.0	63347.9 -5158.7
1730	10.0	60028.0 -5127.0	1820	10.0	61200.0 -5154.8	1910	9.9	62413.7 -5140.5	2000	10.0	63356.1 -5156.7
1731	9.6	60028.6 -5107.2	1821	9.9	61217.5 -5140.3	1911	9.6	62423.6 -5139.5	2001	10.0	63400.3 -5103.7
1732	10.0	60040.9 -5137.0	1822	10.0	61221.7 -5120.5	1912	10.0	62442.5 -5113.4	2002	9.2	63409.3 -5154.7
1733	10.0	60041.2 -5110.1	1823	9.7	61242.5 -5101.4	1913	10.0	62449.3 -5139.4	2003	9.5	63415.2 -5134.8
1734	10.0	60046.7 -5158.0	1824	9.6	61259.0 -5123.7	1914	9.7	62450.7 -5119.2	2004	9.2	63419.2 -5155.5
1735	10.0	60055.8 -5127.5	1825	10.0	61300.8 -5102.6	1915	10.0	62501.2 -5158.1	2005	9.9	63432.9 -5126.3
1736	8.1	60102.9 -5105.6	1826	10.0	61303.4 -5159.0	1916	10.0	62505.0 -5137.8	2006	10.0	63434.4 -5106.0
1737	10.0	60123.4 -5152.0	1827	10.0	61305.9 -5155.8	1917	10.0	62531.4 -5102.4	2007	10.0	63511.9 -5134.7
1738	10.0	60133.6 -5140.5	1828	9.9	61308.5 -5113.6	1918	9.4	62534.7 -5113.5	2008	9.8	63515.9 -5124.7
1739	10.0	60137.3 -5150.5	1829	10.0	61312.5 -5137.1	1919	10.0	62544.2 -5109.8	2009	10.0	63516.4 -5128.7
1740	9.8	60139.3 -5155.0	1830	10.0	61313.2 -5149.6	1920	10.0	62555.0 -5146.8	2010	10.0	63523.9 -5137.7
1741	10.0	60151.1 -5133.0	1831	10.0	61321.0 -5158.8	1921	10.0	62556.6 -5154.8	2011	10.0	63525.0 -5139.7
1742	9.9	60203.6 -5138.0	1832	9.6	61338.5 -5112.3	1922	10.0	62559.6 -5124.8	2012	10.0	63527.0 -5116.5
1743	9.8	60211.8 -5127.7	1833	10.0	61346.8 -5134.0	1923	10.0	62607.0 -5105.8	2013	10.0	63536.2 -5151.7
1744	9.3	60235.2 -5117.5	1834	10.0	61347.4 -5123.2	1924	10.0	62617.6 -5127.2	2014	10.0	63536.4 -5106.3
1745	9.9	60240.8 -5159.9	1835	10.0	61402.6 -5152.6	1925	10.0	62621.0 -5101.4	2015	9.6	63542.7 -5148.6
1746	10.0	60256.4 -5126.1	1836	10.0	61410.0 -5121.1	1926	10.0	62629.1 -5114.4	2016	10.0	63544.5 -5156.7
1747	10.0	60333.1 -5141.4	1837	9.9	61411.1 -5122.6	1927	10.0	62629.9 -5139.8	2017	10.0	63544.6 -5107.5
1748	10.0	60342.7 -5127.2	1838	9.7	61422.3 -5144.6	1928	10.0	62630.7 -5112.5	2018	10.0	63547.3 -5103.0
1749	9.5	60345.4 -5103.8	1839	9.9	61431.1 -5102.9	1929	10.0	62632.4 -5142.2	2019	10.0	63629.0 -5114.4
1750	10.0	60347.5 -5142.4	1840	10.0	61444.6 -5132.4	1930	10.0	62633.6 -5143.2	2020	9.9	63630.9 -5119.7
1751	9.5	60350.3 -5109.7	1841	9.5	61447.2 -5134.9	1931	9.5	62648.0 -5157.2	2021	9.9	63646.0 -5118.8
1752	9.2	60352.7 -5136.9	1842	9.8	61448.2 -5125.2	1932	10.0	62649.5 -5109.2	2022	10.0	63705.2 -5147.7
1753	10.0	60405.4 -5102.3	1843	8.3	61450.9 -5123.6	1933	9.9	62659.5 -5102.5	2023	10.0	63706.0 -5136.7
1754	9.8	60407.5 -5104.3	1844	8.7	61453.8 -5113.4	1934	10.0	62709.6 -5104.4	2024	10.0	63709.0 -5158.7
1755	9.6	60411.4 -5121.7	1845	10.0	61509.4 -5129.6	1935	9.9	62726.2 -5112.2	2025	10.0	63712.0 -5107.4
1756	10.0	60414.5 -5119.7	1846	10.0	61522.6 -5109.0	1936	9.8	62733.6 -5126.2	2026	10.0	63725.3 -5130.6
1757	9.4	60414.5 -5123.1	1847	10.0	61538.9 -5138.7	1937	10.0	62736.8 -5132.8	2027	10.0	63736.8 -5116.4
1758	9.7	60430.4 -5136.6	1848	10.0	61541.6 -5139.6	1938	10.0	62737.5 -5157.8	2028	8.6	63747.7 -5132.7
1759	9.8	60438.5 -5137.4	1849	10.0	61547.0 -5107.8	1939	9.5	62741.2 -5143.6	2029	9.8	63750.9 -5109.0
1760	9.5	60502.2 -5140.1	1850	10.0	61618.6 -5150.6	1940	9.9	62800.1 -5147.0	2030	9.7	63802.5 -5148.5
1761	9.9	60506.4 -5128.3	1851	10.0	61620.2 -5100.6	1941	10.0	62803.6 -5137.8	2031	9.7	63808.0 -5159.5
1762	9.9	60514.4 -5128.5	1852	9.8	61622.3 -5118.1	1942	9.8	62809.2 -5133.6	2032	10.0	63818.9 -5113.4
1763	10.0	60518.4 -5119.3	1853	10.0	61638.6 -5142.2	1943	10.0	62810.6 -5100.4	2033	10.0	63821.5 -5123.5
1764	9.9	60519.0 -5148.1	1854	10.0	61640.2 -5138.6	1944	10.0	62810.8 -5134.6	2034	9.8	63822.3 -5122.2
1765	9.8	60553.0 -5149.1	1855	10.0	61647.8 -5105.8	1945	9.4	62820.0 -5155.6	2035	9.7	63825.7 -5105.8
1766	9.7	60600.0 -5147.3	1856	10.0	61648.2 -5111.2	1946	5.9	62823.2 -5144.2	2036	10.0	63842.9 -5109.4
1767	10.0	60610.8 -5129.7	1857	9.6	61706.0 -5119.8	1947	10.0	62825.5 -5105.6	2037	10.0	63850.5 -5122.8
1768	10.0	60624.0 -5138.1	1858	10.0	61714.0 -5113.8	1948	9.9	62836.5 -5155.3	2038	10.0	63851.3 -5142.5
1769	7.7	60632.6 -5122.0	1859	10.0	61728.8 -5122.7	1949	9.6	62837.7 -5113.9	2039	10.0	63901.6 -5105.2
1770	10.0	60635.4 -5141.9	1860	10.0	61735.0 -5151.6	1950	8.0	62840.9 -5150.1	2040	10.0	63901.9 -5131.5
1771	10.0	60641.8 -5107.2	1861	9.6	61737.8 -5144.5	1951	9.8	62844.0 -5101.1	2041	10.0	63907.0 -5108.8
1772	10.0	60700.0 -5109.4	1862	10.0	61751.9 -5128.6	1952	10.0	62850.8 -5118.2	2042	8.3	63909.5 -5138.0
1773	8.1	60704.3 -5123.1	1863	10.0	61800.4 -5143.6	1953	9.9	62854.8 -5112.6	2043	10.0	63933.8 -5159.5
1774	9.7	60710.6 -5110.0	1864	10.0	61806.3 -5127.6	1954	8.9	62912.0 -5137.2	2044	10.0	63943.0 -5150.6
1775	9.9	60713.7 -5149.0	1865	10.0	61809.2 -5154.6	1955	9.5	62913.0 -5133.5	2045	10.0	63955.1 -5123.4
1776	9.2	60714.5 -5112.2	1866	10.0	61810.2 -5159.7	1956	10.0	62918.8 -5102.6	2046	10.0	64005.0 -5138.5
1777	10.0	60741.5 -5132.8	1867	10.0	61816.8 -5128.0	1957	8.8	62925.0 -5104.9	2047	9.4	64008.6 -5140.5
1778	10.0	60747.7 -5135.6	1868	10.0	61819.4 -5142.6	1958	10.0	62947.8 -5124.2	2048	8.9	64013.8 -5157.5
1779	10.0	60800.1 -5141.5	1869	10.0	61823.3 -5139.3	1959	9.9	62956.0 -5124.4	2049	10.0	64016.4 -5132.5
1780	10.0	60800.3 -5134.1	1870	10.0	61823.6 -5143.0	1960	10.0	63003.9 -5140.0	2050	10.0	64028.5 -5145.5
1781	10.0	60802.3 -5128.5	1871	10.0	61832.0 -5132.6	1961	10.0	63006.9 -5141.0	2051	10.0	64030.0 -5149.5
1782	10.0	60825.1 -5126.4	1872	10.0	61832.0 -5126.6	1962	9.9	63010.2 -5149.7	2052	10.0	64034.1 -5125.5
1783	10.0	60829.6 -5125.0	1873	10.0	61843.0 -5138.6	1963	10.0	63011.4 -5151.0	2053	9.6	64035.0 -5113.6
1784	10.0	60829.7 -5137.1	1874	6.8	61852.9 -5110.6	1964	9.8	63015.2 -5131.2	2054	10.0	64049.2 -5121.5
1785	9.6	60832.7 -5139.1	1875	9.8	61920.2 -5105.6	1965	10.0	63017.3 -5107.7	2055	10.0	64102.3 -5110.8
1786	10.0	60843.3 -5114.1	1876	10.0	61929.0 -5146.0	1966	10.0	63039.0 -5108.6	2056	10.0	64109.7 -5137.0
1787	8.7	60856.8 -5134.5	1877	9.8	61931.8 -5136.2	1967	10.0	63045.0 -5110.6	2057	10.0	64119.0 -5136.0
1788	8.8	60904.1 -5152.9	1878	9.9	61937.3 -5116.4	1968	10.0	63046.0 -5116.6	2058	9.5	64130.6 -5111.3
1789	10.0	60908.3 -5134.4	1879	10.0	61941.8 -5112.0	1969	10.0	63047.7 -5132.0	2059	10.0	64138.4 -5123.3
1790	10.0	60916.4 -5157.4	1880	10.0	61943.6 -5124.0	1970	10.0	63053.2 -5134.0	2060	9.3	64150.4 -5128.1
1791	10.0	60920.3 -5151.4	1881	10.0	61944.6 -5111.0	1971	10.0	63054.3 -5130.0	2061	9.1	64218.0 -5126.4
1792	10.0	60921.9 -5110.8	1882	10.0	61951.4 -5142.0	1972	10.0	63113.8 -5103.2	2062	10.0	64220.0 -5100.0
1793	9.3	60935.1 -5159.9	1883	10.0	61958.0 -5127.4	1973	9.9	63116.2 -5148.3	2063	9.8	64227.1 -5159.5
1794	10.0	60935.4 -5117.2	1884	10.0	62013.9 -5125.6	1974	10.0	63116.8 -5117.6	2064	10.0	64227.9 -5133.8
1795	10.0	60936.0 -5103.3	1885	9.4	62017.3 -5106.7	1975	9.9	63121.2 -5154.7	2065	9.6	64230.4 -5147.2
1796	10.0	60936.3 -5132.9	1886	10.0	62022.2 -5133.4	1976	10.0	63135.5 -5138.0	2066	9.8	64238.7 -5122.8
1797	9.9	60939.3 -5153.4	1887	9.9	62023.0 -5146.4	1977	10.0	63136.2 -5147.0	2067	9.9	64243.3 -5126.5
1798	10.0	60940.0 -5130.4	1888	9.4	62036.8 -5127.4	1978	9.4	63137.1 -5134.7	2068	10.0	64251.6 -5147.8
1799	8.9	60956.0 -5107.9	1889	10.0	62058.9 -5129.4	1979	10.0	63144.8 -5119.3	2069	10.0	64259.3 -5121.7
1800	10.0	61000.7 -5119.1	1890	10.0	62102.3 -5106.0	1980	8.3	63145.5 -5107.2	2070	10.0	64259.4 -5112.3
1801	10.0	61001.3 -5129.4	1891	10.0	62112.6 -5117.0	1981	10.0	63208.5 -5148.0	2071	8.4	64323.2 -5103.9
1802	10.0	61003.6 -5134.9	1892	10.0	62116.3 -5154.0	1982	10.0	63217.2 -5119.2	2072	10.0	64327.1 -5140.9
1803	10.0	61020.8 -5101.5	1893	9.9	62117.2 -5128.7	1983	10.0	63221.0 -5124.2	2073	10.0	64328.7 -5150.2
1804	10.0	61031.0 -5125.7	1894	10.0	62148.3 -5103.0	1984	10.0	63221.3 -5123.2	2074	10.0	64332.0 -5135.2
1805	9.0	61042.9 -5155.7	1895	10.0	62154.8 -5139.4	1985	10.0	63229.2 -5108.8	2075	10.0	64339.3 -5139.2
1806	6.8	61049.0 -5137.6	1896	9.8	62221.2 -5131.4	1986	10.0	63232.2 -5105.2	2076	10.0	64340.0 -5119.2
1807	10.0	61049.5 -5142.7	1897	8.9	62224.2 -5146.0	1987	10.0	63237.6 -5114.2	2077	10.0	64347.0 -5152.2
1808	10.0	61050.2 -5109.4	1898	10.0	62230.2 -5122.1	1988	10.0	63256.5 -5148.0	2078	6.1	64352.8 -5107.4
1809	10.0	61106.5 -5133.4	1899	9.1	62233.3 -5101.7	1989	9.8	63300.6 -5101.5	2079	10.0	64412.1 -5116.7
1810	10.0	61117.3 -5148.0	1900	9.0	62242.3 -5103.7	1990	10.0	63315.9 -5100.8	2080	9.6	64413.4 -5152.0
1811	9.3	61119.2 -5132.7	1901	10.0	62249.6 -5134.4	1991	9.8	63319.1 -5111.2	2081	9.8	64430.5 -5110.0

2082	10.0	64432.8 -5102.9	2172	10.0	65319.1 -5157.5	2262	10.0	70034.6 -5121.4	2352	8.6	70835.2 -5105.4
2083	10.0	64444.7 -5137.5	2173	9.4	65321.6 -5127.7	2263	9.8	70037.6 -5117.0	2353	9.0	70851.4 -5148.6
2084	10.0	64444.9 -5135.0	2174	9.9	65335.6 -5107.9	2264	10.0	70039.6 -5134.0	2354	10.0	70903.3 -5132.2
2085	10.0	64450.6 -5114.3	2175	10.0	65339.2 -5150.1	2265	9.3	70049.8 -5141.2	2355	10.0	70915.9 -5120.4
2086	9.9	64454.1 -5132.8	2176	10.0	65347.2 -5152.2	2266	10.0	70057.4 -5149.6	2356	10.0	70916.1 -5138.2
2087	10.0	64457.2 -5101.2	2177	10.0	65402.2 -5119.6	2267	9.9	70057.6 -5158.7	2357	10.0	70924.3 -5156.5
2088	10.0	64500.2 -5158.7	2178	10.0	65402.4 -5123.1	2268	10.0	70058.5 -5141.9	2358	10.0	70935.1 -5137.5
2089	10.0	64506.0 -5117.0	2179	9.7	65408.0 -5140.6	2269	10.0	70058.6 -5129.5	2359	9.8	70937.4 -5118.3
2090	10.0	64511.5 -5156.4	2180	10.0	65408.6 -5123.6	2270	9.4	70120.7 -5102.5	2360	7.4	70938.6 -5100.0
2091	10.0	64516.8 -5130.7	2181	10.0	65410.8 -5125.8	2271	10.0	70126.1 -5101.4	2361	9.8	70939.6 -5132.0
2092	10.0	64519.5 -5141.0	2182	9.8	65418.2 -5156.1	2272	10.0	70129.4 -5107.8	2362	10.0	70940.2 -5128.6
2093	10.0	64524.4 -5148.0	2183	10.0	65423.9 -5133.5	2273	10.0	70136.3 -5136.1	2363	10.0	70956.1 -5106.4
2094	10.0	64527.0 -5129.4	2184	9.9	65426.9 -5145.0	2274	10.0	70139.8 -5155.1	2364	8.6	71003.1 -5102.7
2095	9.6	64531.0 -5124.1	2185	10.0	65429.5 -5132.4	2275	10.0	70149.6 -5116.2	2365	10.0	71012.3 -5126.1
2096	10.0	64545.6 -5100.8	2186	10.0	65435.5 -5142.1	2276	10.0	70151.2 -5109.0	2366	10.0	71016.4 -5107.0
2097	9.8	64548.3 -5105.0	2187	10.0	65438.2 -5127.4	2277	10.0	70201.2 -5132.2	2367	10.0	71023.7 -5124.3
2098	10.0	64605.0 -5126.4	2188	10.0	65441.9 -5101.7	2278	10.0	70204.9 -5140.8	2368	10.0	71027.6 -5132.2
2099	10.0	64609.7 -5105.6	2189	10.0	65443.8 -5146.6	2279	10.0	70205.2 -5141.8	2369	9.7	71032.5 -5119.3
2100	10.0	64615.2 -5142.7	2190	9.7	65447.8 -5139.8	2280	9.9	70207.4 -5137.2	2370	9.8	71037.0 -5127.2
2101	10.0	64619.8 -5153.5	2191	10.0	65448.3 -5102.6	2281	10.0	70209.6 -5112.4	2371	9.1	71039.1 -5136.6
2102	8.4	64622.4 -5137.1	2192	9.6	65500.8 -5154.8	2282	10.0	70210.8 -5134.8	2372	9.3	71040.1 -5105.6
2103	9.5	64627.3 -5142.2	2193	10.0	65525.0 -5157.0	2283	10.0	70214.7 -5147.2	2373	10.0	71044.4 -5143.1
2104	10.0	64629.5 -5108.3	2194	10.0	65529.4 -5123.6	2284	10.0	70214.9 -5116.4	2374	10.0	71047.6 -5109.6
2105	9.8	64640.4 -5101.2	2195	10.0	65534.1 -5134.4	2285	10.0	70219.0 -5119.3	2375	10.0	71049.3 -5106.3
2106	10.0	64644.2 -5106.4	2196	9.9	65539.4 -5130.2	2286	10.0	70229.6 -5141.2	2376	9.3	71057.3 -5115.6
2107	10.0	64647.6 -5122.3	2197	10.0	65541.1 -5142.6	2287	9.0	70231.7 -5111.5	2377	10.0	71058.2 -5103.3
2108	10.0	64652.2 -5134.3	2198	10.0	65543.2 -5130.6	2288	10.0	70237.7 -5123.8	2378	9.7	71109.6 -5141.3
2109	10.0	64652.9 -5144.6	2199	10.0	65557.3 -5114.7	2289	10.0	70245.0 -5119.1	2379	10.0	71113.2 -5104.0
2110	9.4	64718.1 -5100.7	2200	10.0	65557.6 -5115.8	2290	10.0	70255.6 -5112.4	2380	9.7	71128.5 -5123.8
2111	10.0	64724.9 -5103.0	2201	9.2	65602.7 -5131.1	2291	9.8	70256.8 -5158.8	2381	10.0	71131.4 -5113.6
2112	10.0	64728.9 -5126.1	2202	10.0	65611.5 -5122.8	2292	10.0	70300.6 -5111.1	2382	9.5	71134.0 -5159.1
2113	10.0	64736.6 -5118.3	2203	9.8	65617.3 -5151.8	2293	10.0	70304.5 -5142.1	2383	10.0	71145.1 -5150.0
2114	10.0	64736.9 -5143.0	2204	10.0	65624.4 -5110.0	2294	9.3	70308.6 -5122.6	2384	10.0	71147.2 -5143.3
2115	9.8	64805.3 -5106.9	2205	10.0	65624.4 -5109.1	2295	9.0	70311.0 -5125.1	2385	10.0	71150.5 -5143.5
2116	10.0	64811.5 -5138.6	2206	10.0	65627.7 -5133.8	2296	9.2	70311.5 -5142.4	2386	10.0	71205.0 -5139.2
2117	9.9	64823.3 -5105.4	2207	10.0	65629.0 -5158.6	2297	10.0	70315.0 -5106.8	2387	10.0	71209.4 -5152.7
2118	9.9	64831.5 -5154.2	2208	9.8	65632.2 -5100.8	2298	9.7	70333.4 -5116.1	2388	10.0	71210.1 -5109.2
2119	9.7	64838.8 -5139.5	2209	10.0	65638.1 -5137.5	2299	10.0	7033..8 -5136.0	2389	10.0	71213.3 -5111.3
2120	10.0	64839.4 -5134.8	2210	10.0	65639.0 -5127.5	2300	8.7	7034..2 -5106.5	2390	10.0	71218.0 -5122.1
2121	10.0	64840.2 -5151.3	2211	10.0	65643.1 -5150.4	2301	10.0	70345.8 -5132.2	2391	9.9	71222.8 -5141.2
2122	10.0	64847.3 -5124.8	2212	10.0	65652.7 -5109.1	2302	9.9	70349.4 -5110.8	2392	9.3	71226.9 -5140.5
2123	10.0	64856.1 -5120.8	2213	10.0	65701.0 -5126.1	2303	9.4	70358.6 -5126.7	2393	10.0	71228.9 -5147.0
2124	10.0	64859.3 -5156.2	2214	10.0	65701.2 -5124.2	2304	10.0	70403.6 -5136.6	2394	10.0	71229.2 -5104.2
2125	10.0	64900.7 -5131.8	2215	9.8	65704.9 -5109.8	2305	9.3	70404 7 -5126.5	2395	9.8	71238.8 -5142.5
2126	10.0	64904.9 -5158.0	2216	10.0	65707.8 -5157.4	2306	6.7	70414.0 -5146.3	2396	9.6	71244.7 -5118.8
2127	9.7	64910.6 -5130.0	2217	10.0	65728.8 -5128.8	2307	9.9	70419.8 -5150.4	2397	10.0	71249.2 -5124.3
2128	9.8	64914.1 -5123.1	2218	10.0	65729.3 -5109.3	2308	9.9	70425.8 -5136.1	2398	9.6	71250.3 -5154.2
2129	10.0	64916.0 -5123.1	2219	10.0	65732.2 -5127.4	2309	10.0	70426.4 -5147.1	2399	10.0	71254.3 -5108.7
2130	10.0	64917.7 -5110.5	2220	10.0	65737.6 -5102.0	2310	9.7	70427.5 -5130.3	2400	9.6	71300.0 -5147.2
2131	9.8	64941.0 -5128.0	2221	10.0	65738.6 -5119.2	2311	10.0	70441.2 -5135.1	2401	10.0	71302.8 -5119.2
2132	10.0	64941.3 -5117.8	2222	10.0	65743.1 -5123.2	2312	10.0	70448.5 -5101.1	2402	10.0	71306.9 -5142.4
2133	9.3	64945.0 -5136.9	2223	10.0	65747.3 -5127.6	2313	10.0	70449.0 -5117.8	2403	9.5	71310.4 -5122.0
2134	10.0	64951.1 -5148.8	2224	5.8	65749.6 -5113.2	2314	10.0	70459.0 -5128.2	2404	10.0	71311.0 -5100.3
2135	10.0	64958.4 -5129.6	2225	10.0	65753.7 -5117.0	2315	10.0	70501.4 -5141.0	2405	10.0	71311.7 -5106.8
2136	10.0	65001.4 -5133.0	2226	10.0	65754.4 -5114.6	2316	9.2	70503.4 -5145.7	2406	9.9	71318.0 -5125.9
2137	10.0	65006.3 -5154.5	2227	10.0	65757.2 -5126.0	2317	9.9	70507.6 -5113.8	2407	9.6	71321.6 -5123.0
2138	10.0	65007.0 -5152.8	2228	9.0	65802.8 -5151.6	2318	9.3	70512.6 -5109.6	2408	10.0	71336.2 -5117.4
2139	8.5	65016.8 -5143.9	2229	10.0	65802.8 -5158.6	2319	9.9	70531.6 -5127.6	2409	9.9	71336.5 -5136.6
2140	10.0	65032.9 -5111.5	2230	10.0	65805.1 -5159.0	2320	10.0	70532.1 -5104.6	2410	10.0	71339.8 -5147.1
2141	10.0	65034.0 -5110.8	2231	10.0	65808.3 -5138.6	2321	9.9	70537.3 -5129.8	2411	10.0	71342.2 -5138.6
2142	10.0	65037.8 -5127.4	2232	10.0	65808.7 -5125.6	2322	9.5	70540.8 -5135.5	2412	9.3	71346.3 -5122.3
2143	10.0	65041.3 -5133.1	2233	10.0	65813.0 -5134.4	2323	9.8	70547.6 -5102.3	2413	10.0	71351.4 -5110.8
2144	10.0	65041.4 -5105.9	2234	10.0	65813.1 -5139.3	2324	10.0	70549.3 -5100.1	2414	10.0	71355.8 -5141.6
2145	10.0	65044.8 -5132.0	2235	10.0	65818.7 -5151.8	2325	8.8	70550.2 -5157.3	2415	10.0	71358.4 -5121.8
2146	9.9	65045.6 -5120.9	2236	10.0	65822.6 -5108.2	2326	10.0	70559.8 -5127.2	2416	9.9	71359.0 -5100.2
2147	8.7	65049.9 -5116.5	2237	10.0	65832.7 -5115.2	2327	10.0	70600.6 -5145.0	2417	10.0	71419.6 -5155.4
2148	10.0	65052.9 -5112.8	2238	9.8	65835.0 -5118.5	2328	9.9	70601.6 -5153.8	2418	10.0	71427.2 -5128.9
2149	8.7	65053.4 -5152.5	2239	10.0	65838.4 -5140.6	2329	10.0	70609.8 -5145.2	2419	10.0	71430.0 -5130.2
2150	10.0	65057.2 -5103.9	2240	10.0	65854.8 -5126.9	2330	10.0	70612.2 -5142.3	2420	10.0	71443.0 -5103.8
2151	10.0	65121.0 -5155.2	2241	9.9	65856.6 -5137.4	2331	9.7	70612.6 -5151.6	2421	9.5	71507.8 -5155.3
2152	10.0	65130.6 -5103.4	2242	10.0	65857.9 -5136.5	2332	8.3	70618.0 -5137.2	2422	8.0	71508.0 -5148.2
2153	10.0	65135.3 -5120.7	2243	9.8	65918.8 -5152.3	2333	10.0	70621.0 -5120.4	2423	9.8	71509.2 -5106.0
2154	9.1	65136.8 -5131.8	2244	10.0	65928.6 -5138.1	2334	9.9	70626.6 -5129.7	2424	9.9	71513.0 -5152.6
2155	9.9	65140.7 -5104.2	2245	9.5	65932.3 -5117.0	2335	9.9	70627.8 -5110.7	2425	10.0	71513.3 -5106.8
2156	10.0	65148.9 -5148.8	2246	10.0	65934.8 -5103.1	2336	10.0	70653.3 -5150.6	2426	10.0	71533.0 -5146.8
2157	10.0	65150.4 -5134.0	2247	10.0	65935.6 -5105.4	2337	10.0	70703.6 -5148.8	2427	10.0	71534.8 -5156.2
2158	9.8	65203.7 -5100.5	2248	10.0	65949.0 -5126.7	2338	10.0	70719.7 -5128.3	2428	10.0	71540.0 -5134.5
2159	10.0	65214.7 -5132.7	2249	9.8	65952.6 -5117.5	2339	9.8	70721.6 -5115.0	2429	10.0	71550.5 -5131.5
2160	10.0	65216.5 -5101.7	2250	10.0	65955.8 -5103.7	2340	10.0	70724.0 -5146.1	2430	10.0	71557.2 -5106.8
2161	10.0	65224.8 -5146.3	2251	9.6	70004.6 -5116.7	2341	10.0	70726.0 -5101.0	2431	10.0	71610.2 -5147.0
2162	10.0	65225.6 -5151.8	2252	10.0	70005.8 -5108.1	2342	9.7	70736.2 -5109.9	2432	9.9	71611.4 -5137.0
2163	10.0	65236.2 -5106.1	2253	10.0	70009.2 -5120.7	2343	10.0	70736.4 -5139.1	2433	10.0	71612.9 -5122.8
2164	10.0	65237.0 -5143.0	2254	10.0	70011.1 -5150.2	2344	10.0	70743.3 -5120.4	2434	10.0	71617.6 -5127.8
2165	10.0	65241.6 -5130.4	2255	10.0	70014.8 -5140.0	2345	10.0	70756.9 -5119.3	2435	10.0	71628.9 -5150.0
2166	9.6	65244.8 -5120.2	2256	10.0	70015.2 -5108.2	2346	10.0	70758.7 -5107.5	2436	10.0	71643.7 -5117.6
2167	9.7	65249.7 -5147.4	2257	9.3	70026.0 -5101.5	2347	9.8	70801.6 -5114.5	2437	10.0	71648.0 -5103.6
2168	9.5	65250.0 -5114.9	2258	10.0	70028.2 -5104.4	2348	9.8	70805.8 -5145.2	2438	10.0	71651.0 -5114.2
2169	10.0	65253.6 -5155.2	2259	10.0	70029.0 -5105.1	2349	9.7	70824.3 -5119.0	2439	9.9	71652.8 -5118.6
2170	9.7	65256.4 -5104.7	2260	10.0	70029.2 -5145.2	2350	9.6	70828.7 -5148.6	2440	10.0	71656.6 -5132.0
2171	10.0	65310.8 -5140.5	2261	9.8	70032.7 -5155.6	2351	9.5	70834.0 -5120.6	2441	10.0	71710.6 -5125.8

2442	10.0	71721.1 -5137.0	2532	9.0	72655.4 -5140.2	2622	10.0	73644.5 -5119.3	2712	9.8	74519.8 -5142.9
2443	9.7	71731.6 -5136.0	2533	10.0	72725.6 -5130.4	2623	9.9	73654.4 -5145.8	2713	10.0	74530.4 -5137.8
2444	9.7	71733.5 -5157.8	2534	9.4	72729.7 -5104.5	2624	9.8	73713.2 -5138.8	2714	10.0	74533.2 -5112.7
2445	5.9	71736.0 -5151.2	2535	9.9	72737.8 -5123.4	2625	10.0	73728.2 -5141.1	2715	10.0	74600.8 -5123.8
2446	7.7	71737.2 -5157.8	2536	10.0	72744.3 -5102.1	2626	9.3	73729.4 -5135.1	2716	9.9	74604.6 -5103.8
2447	7.2	71742.4 -5110.2	2537	10.0	72746.7 -5119.5	2627	9.8	73731.0 -5137.5	2717	10.0	74606.9 -5101.2
2448	10.0	71749.3 -5141.2	2538	10.0	72747.8 -5144.6	2628	9.8	73735.1 -5138.7	2718	9.9	74620.0 -5118.4
2449	10.0	71755.5 -5103.2	2539	9.9	72759.4 -5109.6	2629	10.0	73741.2 -5137.3	2719	10.0	74624.6 -5122.7
2450	9.0	71756.6 -5137.6	2540	10.0	72801.7 -5158.2	2630	10.0	73806.7 -5129 3	2720	9.9	74625.2 -5148.2
2451	10.0	71803.8 -5108.4	2541	10.0	72802.3 -5119.0	2631	10.0	73810.0 -5128.3	2721	10.0	74626.9 -5150.0
2452	9.5	71809.0 -5105.0	2542	9.7	72816.8 -5158.3	2632	9.7	73817.6 -5157.0	2722	9.8	74649.4 -5140.5
2453	9.9	71824.6 -5116.3	2543	9.9	72818.6 -5112.6	2633	10.0	73836.5 -5152.3	2723	10.0	74651.6 -5157.0
2454	10.0	71828.9 -5103.1	2544	9.2	72823.0 -5120.2	2634	9.9	73843.6 -5141.5	2724	10.0	74705.8 -5100.2
2455	10.0	71832.6 -5118.3	2545	10.0	72838.0 -5101.1	2635	10.0	73846.7 -5140.8	2725	9.7	74707.6 -5141.2
2456	10.0	71838.8 -5141.3	2546	9.5	72845.0 -5103.0	2636	10.0	73854.7 -5126.2	2726	10.0	74725.7 -5138.5
2457	10.0	71839.5 -5152.8	2547	10.0	72857.2 -5113.1	2637	9.8	73901.4 -5102.8	2727	10.0	74728.0 -5132.5
2458	10.0	71855.0 -5134.4	2548	10.0	72906.7 -5145.1	2638	9.9	73904.8 -5135.2	2728	10.0	74730.8 -5142.0
2459	9.8	71856.0 -5118.7	2549	9.8	72929.3 -5138.6	2639	10.0	73906.6 -5149.2	2729	10.0	74810.6 -5157.5
2460	9.7	71906.8 -5115.0	2550	10.0	72931.2 -5133.1	2640	10.0	73908.8 -5109.7	2730	10.0	74811.0 -5158.5
2461	10.0	71907.2 -5123.4	2551	10.0	72933.3 -5116.8	2641	10.0	73913.0 -5141.2	2731	9.4	74825.3 -5108.2
2462	9.8	71907.8 -5121.4	2552	10.0	72935.3 -5147.9	2642	10.0	73933.8 -5101.7	2732	9.5	74827.3 -5105.2
2463	10.0	71923.8 -5133.4	2553	10.0	72954.0 -5129.1	2643	10.0	73936.5 -5152.6	2733	9.7	74835.9 -5144.0
2464	10.0	71926.2 -5138.0	2554	9.6	72959.4 -5110.2	2644	9.7	73940.8 -5113.9	2734	10.0	74853.2 -5156.5
2465	10.0	71930.7 -5124.0	2555	9.0	73001.3 -5126.8	2645	10.0	73942.2 -5110.7	2735	10.0	74853.7 -5153.5
2466	10.0	71947.4 -5151.0	2556	10.0	73006.8 -5100.9	2646	10.0	73959.3 -5101.2	2736	10.0	74900.6 -5105.1
2467	10.0	72003.5 -5110.4	2557	10.0	73016.7 -5141.4	2647	9.5	74003.8 -5138.6	2737	9.2	74904.6 -5129.5
2468	10.0	72007.6 -5106.4	2558	10.0	73029.7 -5141.0	2648	10.0	74008.2 -5118.8	2738	10.0	74907.1 -5130.5
2469	10.0	72009.0 -5152.1	2559	10.0	73032.0 -5102.3	2649	10.0	74010.0 -5139.3	2739	9.9	74914.2 -5118.1
2470	9.7	72016.4 -5115.5	2560	9.5	73032.7 -5112.6	2650	6.7	74011.5 -5152.2	2740	10.0	74914.3 -5135.0
2471	10.0	72017.4 -5100.4	2561	9.8	73034.5 -5152.0	2651	9.8	74016.8 -5109.1	2741	8.0	74925.5 -5114.0
2472	10.0	72027.4 -5140.0	2562	9.0	73037.4 -5151.4	2652	10.0	74028.3 -5148.6	2742	8.0	74925.6 -5115.1
2473	10.0	72033.9 -5159.9	2563	9.8	73052.7 -5105.9	2653	10.0	74029.0 -5108.2	2743	10.0	74928.9 -5134.6
2474	10.0	72038.4 -5110.0	2564	10.0	73057.0 -5159.6	2654	9.0	74037.7 -5154.4	2744	10.0	74929.8 -5123.2
2475	10.0	72041.2 -5116.4	2565	9.7	73058.0 -5127.4	2655	10.0	74041.4 -5100.7	2745	10.0	74940.6 -5157.5
2476	9.8	72051.1 -5128.4	2566	10.0	73100.6 -5119.2	2656	8.3	74102.4 -5128.9	2746	10.0	74944.1 -5104.4
2477	9.8	72100.9 -5149.0	2567	10.0	73107.0 -5133.3	2657	10.0	74102.4 -5127.0	2747	9.7	74949.6 -5148.5
2478	10.0	72102.6 -5120.6	2568	10.0	73112.4 -5152.1	2658	10.0	74102.7 -5141.2	2748	10.0	74959.5 -5132.9
2479	10.0	72124.1 -5142.4	2569	10.0	73114.9 -5116.3	2659	10.0	74107.3 -5146.6	2749	10.0	75002.0 -5129.0
2480	10.0	72132.2 -5141.0	2570	9.9	73120.7 -5142.4	2660	9.5	74109.4 -5127.8	2750	9.7	75020.1 -5121.8
2481	9.8	72136.1 -5105.5	2571	6.7	73128.0 -5111.9	2661	10.0	74109.9 -5120.2	2751	9.9	75020.8 -5120.0
2482	10.0	72136.4 -5155.9	2572	9.4	73130.8 -5121.7	2662	9.9	74120.4 -5103.0	2752	9.8	75023.9 -5118.9
2483	10.0	72137.7 -5127.0	2573	10.0	73145.5 -5101.6	2663	9.9	74124.6 -5106.0	2753	10.0	75034.9 -5137.9
2484	10.0	72140.0 -5122.8	2574	10.0	73146.2 -5144.9	2664	9.5	74128.4 -5122.0	2754	10.0	75036.2 -5143.3
2485	8.3	72140.8 -5113.5	2575	10.0	73148.2 -5138.9	2665	10.0	74136.1 -5137.0	2755	9.6	75041.2 -5103.4
2486	9.7	72157.8 -5126.0	2576	9.8	73156.3 -5134.8	2666	10.0	74142.7 -5103.6	2756	10.0	75041.6 -5134.8
2487	10.0	72200.6 -5139.0	2577	9.9	73157.9 -5144.0	2667	10.0	74144.8 -5122.8	2757	8.6	75057.5 -5155.8
2488	10.0	72207.6 -5149.0	2578	10.0	73213.6 -5119.4	2668	10.0	74149.5 -5133.6	2758	10.0	75059.6 -5126.9
2489	10.0	72228.2 -5155.0	2579	9.7	73216.6 -5142.4	2669	10.0	74151.5 -5129.2	2759	10.0	75112.4 -5112.2
2490	10.0	72230.3 -5158.0	2580	9.2	73221.1 -5129.9	2670	10.0	74157.2 -5109.7	2760	10.0	75116.8 -5142.9
2491	9.9	72232.1 -5124.7	2581	10.0	73227.4 -5102.5	2671	10.0	74158.4 -5110.7	2761	9.3	75119.5 -5153.2
2492	10.0	72235.0 -5132.8	2582	9.9	73230.6 -5105.6	2672	9.7	74206.7 -5103.7	2762	10.0	75129.8 -5106.7
2493	10.0	72237.2 -5105.3	2583	9.7	73239.8 -5102.8	2673	10.0	74207.1 -5154.6	2763	9.4	75131.0 -5117.7
2494	10.0	72244.4 -5123.5	2584	10.0	73253.8 -5125.8	2674	10.0	74209.1 -5112.7	2764	10.0	75201.4 -5140.3
2495	10.0	72254.1 -5122.0	2585	10.0	73257.3 -5110.8	2675	8.7	74212.3 -5104.1	2765	10.0	75207.4 -5148.0
2496	9.1	72259.6 -5135.5	2586	10.0	73258.3 -5144.9	2676	9.9	74218.5 -5139.6	2766	10.0	75224.7 -5125.3
2497	10.0	72316.3 -5132.4	2587	10.0	73258.5 -5125.4	2677	10.0	74223.4 -5127.6	2767	10.0	75232.9 -5128.4
2498	10.0	72322.6 -5156.5	2588	10.0	73301.2 -5145.9	2678	9.8	74227.9 -5145.6	2768	8.7	75243.3 -5119.0
2499	9.2	72323.6 -5145.4	2589	10.0	73312.4 -5125.9	2679	10.0	74233.8 -5114.7	2769	6.7	75249.8 -5100.3
2500	10.0	72327.4 -5138.8	2590	10.0	73313 6 -5158.2	2680	10.0	74236.8 -5121.0	2770	9.8	75259.4 -5145.3
2501	9.6	72329.3 -5102.3	2591	9.4	73330.8 -5135.2	2681	10.0	74237.3 -5110.2	2771	9.6	75303.5 -5158.8
2502	9.9	72336.3 -5150.4	2592	10.0	73333.1 -5140.2	2682	10.0	74237.9 -5141.4	2772	10.0	75311.4 -5132.8
2503	9.9	72337.4 -5107.5	2593	10.0	73336.8 -5130.6	2683	10.0	74239.6 -5117.8	2773	10.0	75338.3 -5127.8
2504	9.8	72339.9 -5156.0	2594	10.0	73339.1 -5125.0	2684	8.0	74252.9 -5114.7	2774	10.0	75358.6 -5123.4
2505	10.0	72340.4 -5151.8	2595	10.0	73344.8 -5112.8	2685	10.0	74253.1 -5137.0	2775	10.0	75401.8 -5126.8
2506	10.0	72412.6 -5100.6	2596	10.0	73346.8 -5104.8	2686	9.7	74300.0 -5147.9	2776	10.0	75421.5 -5137.8
2507	7.1	72419.2 -5108.6	2597	10.0	73352.0 -5136.3	2687	10.0	74308.9 -5134.6	2777	9.9	75428.6 -5126.8
2508	9.1	72426.8 -5106.3	2598	10.0	73353.7 -5147.6	2688	10.0	74311.7 -5155.4	2778	10.0	75431.2 -5129.8
2509	9.8	72428.9 -5142.5	2599	9.1	73401.8 -5123.6	2689	9.9	74319.2 -5138.0	2779	10.0	75438.7 -5106.7
2510	9.9	72438.7 -5109.1	2600	10.0	73407.3 -5103.5	2690	10.0	74320.0 -5116.0	2780	7.7	75442.5 -5157.5
2511	10.0	72447.4 -5135.8	2601	7.5	73418.6 -5108.3	2691	10.0	74336.0 -5105.2	2781	10.0	75445.3 -5148.7
2512	9.1	72448.1 -5149.5	2602	10.0	73420.2 -5119.0	2692	10.0	74339.2 -5127.5	2782	9.0	75452.0 -5133.7
2513	10.0	72449.2 -5143.8	2603	10.0	73441.6 -5154.8	2693	10.0	74343.2 -5145.8	2783	9.9	75453.8 -5154.0
2514	10.0	72454.4 -5125.3	2604	10.0	73447.2 -5110.2	2694	10.0	74346.5 -5119.5	2784	6.8	75500.8 -5106.7
2515	10.0	72508.0 -5126.0	2605	10.0	73456.3 -5131.3	2695	9.4	74350.7 -5112.6	2785	9.9	75503.5 -5128.3
2516	9.9	72509.9 -5149.2	2606	7.5	73459.8 -5121.5	2696	10.0	74408.3 -5120.8	2786	9.7	75508.2 -5120.0
2517	9.9	72515.3 -5117.4	2607	10.0	73504.1 -5130.3	2697	10.0	74418.4 -5146.0	2787	9.7	75514.6 -5107.7
2518	10.0	72520.6 -5119.3	2608	10.0	73511.7 -5120.0	2698	9.9	74421.8 -5109.1	2788	10.0	75529.8 -5113.2
2519	9.7	72538.8 -5115.3	2609	9.7	73516.0 -5147.4	2699	10.0	74433.6 -5106.2	2789	9.6	75530.3 -5129.0
2520	10.0	72542.4 -5104.3	2610	9.7	73519.8 -5147.8	2700	10.0	74438.4 -5125.1	2790	9.8	75533.4 -5133.6
2521	10.0	72548.6 -5109.3	2611	10.0	73527.9 -5104.2	2701	8.9	74440.4 -5120.9	2791	7.5	75548.2 -5107.4
2522	10.0	72557.5 -5114.2	2612	9.8	73528.2 -5144.1	2702	10.0	74442.3 -5140.2	2792	10.0	75556.2 -5128.6
2523	9.5	72602.2 -5132.2	2613	9.9	73529.4 -5156.0	2703	10.0	74459.3 -5131.7	2793	9.3	75556.6 -5148.6
2524	9.9	72604.8 -5124.5	2614	10.0	73545.2 -5144.3	2704	9.9	74459.9 -5139.5	2794	10.0	75558.5 -5157.6
2525	10.0	72605.9 -5114.5	2615	10.0	73550.7 -5156.8	2705	10.0	74503.7 -5114.2	2795	8.9	75559.8 -5149.0
2526	10.0	72609.7 -5111.9	2616	10.0	73555.4 -5150.1	2706	9.9	74504.7 -5144.5	2796	9.5	75623.7 -5124.4
2527	9.4	72610.0 -5123.8	2617	10.0	73555.8 -5154.3	2707	10.0	74505.3 -5129.2	2797	10.0	75630.5 -5159.1
2528	9.1	72641.6 -5153.3	2618	10.0	73607.2 -5155.8	2708	10.0	74512.6 -5118.5	2798	9.5	75641.6 -5146.9
2529	9.7	72648.2 -5104.3	2619	10.0	73613.9 -5136.5	2709	9.8	74513.2 -5101.1	2799	9.8	75649.9 -5104.6
2530	9.7	72648.6 -5135.8	2620	10.0	73627.4 -5106.1	2710	9.9	74514.7 -5137.4	2800	10.0	75650.9 -5149.2
2531	9.9	72651.5 -5157.4	2621	10.0	73637.1 -5100.8	2711	10.0	74518.5 -5128.0	2801	10.0	75651.8 -5146.6

-51 2802 7h56m

-51 3161 8h38m

2802	10.0	75653.5	-5129.5	2892	9.3	80948.5	-5122.0	2982	10.0	81928.2	-5115.6	3072	9.4	82853.7	-5138.9
2803	9.6	75706.9	-5110.0	2893	7.2	80951.2	-5151.5	2983	9.9	81933.7	-5159.1	3073	10.0	82901.0	-5106.0
2804	9.9	75726.2	-5137.1	2894	9.7	80957.2	-5157.2	2984	9.4	81944.2	-5120.1	3074	10.0	82902.1	-5104.9
2805	8.9	75731.0	-5120.2	2895	9.8	81000.8	-5129.6	2985	9.2	81950.8	-5132.1	3075	10.0	82905.0	-5144.2
2806	10.0	75737.2	-5127.1	2896	10.0	81015.4	-5149.3	2986	10.0	81956.5	-5136.1	3076	10.0	82918.2	-5127.3
2807	9.9	75756.0	-5125.5	2897	9.6	81031.8	-5131.0	2987	10.0	81958.3	-5151.4	3077	10.0	82918.5	-5149.0
2808	7.3	75800.2	-5105.4	2898	10.0	81035.0	-5111.9	2988	10.0	82028.9	-5109.6	3078	10.0	82918.8	-5131.0
2809	10.0	75806.1	-5126.1	2899	10.0	81039.0	-5140.4	2989	10.0	82031.2	-5158.0	3079	10.0	82937.2	-5107.3
2810	10.0	75832.3	-5139.6	2900	10.0	81043.2	-5136.4	2990	10.0	82049.7	-5142.7	3080	10.0	82943.4	-5159.3
2811	10.0	75840.0	-5127.6	2901	10.0	81043.4	-5150.0	2991	10.0	82051.5	-5107.2	3081	10.0	82946.4	-5107.8
2812	10.0	75853.4	-5113.6	2902	10.0	81045.2	-5109.9	2992	10.0	82102.6	-5104.2	3082	10.0	82951.6	-5122.6
2813	7.5	75900.0	-5105.3	2903	10.0	81047.3	-5158.8	2993	10.0	82108.6	-5121.1	3083	10.0	82957.6	-5117.4
2814	9.9	75901.0	-5155.6	2904	10.0	81100.9	-5119.4	2994	10.0	82110.5	-5141.1	3084	10.0	83000.6	-5152.2
2815	10.0	75912.8	-5154.6	2905	10.0	81108.3	-5150.0	2995	10.0	82112.6	-5142.6	3085	10.0	83016.8	-5106.7
2816	10.0	75932.7	-5156.6	2906	10.0	81113.3	-5119.7	2996	10.0	82135.4	-5126.1	3086	9.9	83018.7	-5119.6
2817	10.0	75933.3	-5137.6	2907	9.4	81124.1	-5159.0	2997	10.0	82137.0	-5159.6	3087	10.0	83019.9	-5139.0
2818	9.3	75933.6	-5109.2	2908	9.8	81132.8	-5159.0	2998	10.0	82142.4	-5144.0	3088	8.1	83022.6	-5143.7
2819	9.6	75951.8	-5126.0	2909	10.0	81136.4	-5111.6	2999	10.0	82143.4	-5148.2	3089	10.0	83030.2	-5136.9
2820	10.0	75953.6	-5104.2	2910	9.7	81144.8	-5149.4	3000	9.9	82149.6	-5148.6	3090	9.8	83031.9	-5109.0
2821	10.0	75954.6	-5149.9	2911	10.0	81146.0	-5136.3	3001	9.8	82151.8	-5115.4	3091	10.0	83037.9	-5146.9
2822	9.8	75959.9	-5141.6	2912	10.0	81150.0	-5144.2	3002	10.0	82153.8	-5127.2	3092	9.6	83038.8	-5116.9
2823	9.6	80021.6	-5122.5	2913	10.0	81155.7	-5134.4	3003	10.0	82156.1	-5119.5	3093	10.0	83041.4	-5117.8
2824	10.0	80042.9	-5154.5	2914	7.4	81158.9	-5140.4	3004	5.7	82158.1	-5119.0	3094	10.0	83052.6	-5159.5
2825	10.0	80045.1	-5112.5	2915	9.8	81159.8	-5120.8	3005	10.0	82159.3	-5120.1	3095	9.4	83107.2	-5105.3
2826	10.0	80050.8	-5108.5	2916	9.2	81202.1	-5112.6	3006	10.0	82202.1	-5100.0	3096	10.0	83126.9	-5104.8
2827	9.9	80054.8	-5133.3	2917	10.0	81202.5	-5148.8	3007	10.0	82205.2	-5126.5	3097	10.0	83130.0	-5105.8
2828	10.0	80109.0	-5116.0	2918	10.0	81203.8	-5105.8	3008	10.0	82205.3	-5124.0	3098	10.0	83133.1	-5133.9
2829	9.9	80117.6	-5153.7	2919	10.0	81226.8	-5126.8	3009	9.5	82209.3	-5136.2	3099	7.5	83143.7	-5123.0
2830	9.9	80211.6	-5101.5	2920	10.0	81227.2	-5123.6	3010	9.7	82212.4	-5106.6	3100	9.5	83149.0	-5114.2
2831	9.8	80214.4	-5107.0	2921	10.0	81237.1	-5144.3	3011	10.0	82222.9	-5136.2	3101	10.0	83153.2	-5148.4
2832	10.0	80218.2	-5110.5	2922	10.0	81249.8	-5121.8	3012	10.0	82224.6	-5116.3	3102	7.7	83205.6	-5153.6
2833	10.0	80226.8	-5127.0	2923	9.2	81251.6	-5133.3	3013	9.6	82226.7	-5134.9	3103	10.0	83224.1	-5105.3
2834	10.0	80229.2	-5124.0	2924	9.2	81306.6	-5104.2	3014	10.0	82229.3	-5150.0	3104	9.1	83234.7	-5130.7
2835	10.0	80245.0	-5147.5	2925	9.9	81309.2	-5158.0	3015	10.0	82231.8	-5141.1	3105	8.9	83239.2	-5154.2
2836	10.0	80245.6	-5108.0	2926	10.0	81326.9	-5113.3	3016	9.4	82239.5	-5150.0	3106	10.5	83241.7	-5154.3
2837	9.9	80305.0	-5158.5	2927	10.0	81326.9	-5116.8	3017	10.0	82245.8	-5135.8	3107	10.0	83246.5	-5125.4
2838	9.5	80311.5	-5139.5	2928	10.0	81328.7	-5122.6	3018	10.0	82250.4	-5143.4	3108	8.8	83249.2	-5147.3
2839	8.6	80332.8	-5126.7	2929	10.0	81331.6	-5102.8	3019	10.0	82252.2	-5150.7	3109	10.0	83254.0	-5128.6
2840	7.3	80338.0	-5134.7	2930	9.6	81343.8	-5118.8	3020	10.0	82256.7	-5121.8	3110	9.9	83317.6	-5149.0
2841	10.0	80342.6	-5145.7	2931	10.0	81403.2	-5105.8	3021	11.0	82310.8	-5102.9	3111	9.7	83328.5	-5103.5
2842	10.0	80354.1	-5103.0	2932	10.0	81404.5	-5109.7	3022	9.7	82319.6	-5145.5	3112	10.0	83335.7	-5139.1
2843	10.0	80357.3	-5121.1	2933	10.0	81418.3	-5100.9	3023	8.5	82320.3	-5105.3	3113	9.4	83337.7	-5137.8
2844	10.0	80408.4	-5121.0	2934	10.0	81439.2	-5134.5	3024	9.7	82323.7	-5142.8	3114	9.9	83342.1	-5103.2
2845	10.0	80409.0	-5123.3	2935	10.0	81444.2	-5156.3	3025	9.9	82324.4	-5116.5	3115	9.7	83358.2	-5111.9
2846	10.0	80411.2	-5126.3	2936	10.0	81444.2	-5132.3	3026	8.0	82327.3	-5103.6	3116	11.0	83415.2	-5118.4
2847	10.0	80417.7	-5140.0	2937	10.0	81452.7	-5129.3	3027	10.0	82328.0	-5143.0	3117	10.0	83419.2	-5135.8
2848	10.0	80419.8	-5155.0	2938	10.0	81453.8	-5104.8	3028	9.1	82331.0	-5108.3	3118	9.9	83420.5	-5139.1
2849	9.4	80425.9	-5113.0	2939	9.7	81459.6	-5155.8	3029	10.0	82346.2	-5158.5	3119	9.9	83421.8	-5131.2
2850	9.0	80434.0	-5118.0	2940	10.0	81513.6	-5145.4	3030	9.2	82346.8	-5128.6	3120	10.0	83429.6	-5143.8
2851	9.1	80436.8	-5122.5	2941	9.9	81516.6	-5134.2	3031	8.3	82358.8	-5110.8	3121	10.0	83435.9	-5129.8
2852	10.0	80501.0	-5137.9	2942	10.0	81537.9	-5150.3	3032	10.0	82401.4	-5109.2	3122	9.8	83441.7	-5109.4
2853	9.9	80508.6	-5149.3	2943	9.9	81541.0	-5127.3	3033	10.0	82403.4	-5157.0	3123	10.0	83441.8	-5132.8
2854	10.0	80509.2	-5117.2	2944	10.0	81547.8	-5131.8	3034	10.0	82412.6	-5116.0	3124	9.9	83448.8	-5126.8
2855	9.9	80521.6	-5133.0	2945	10.0	81547.9	-5116.3	3035	9.9	82417.4	-5137.4	3125	9.2	83451.0	-5145.7
2856	10.0	80530.3	-5109.7	2946	10.0	81555.1	-5116.3	3036	9.8	82418.0	-5119.5	3126	10.0	83455.5	-5141.1
2857	9.9	80532.3	-5140.3	2947	10.0	81555.2	-5131.3	3037	10.0	82419.5	-5134.1	3127	9.7	83455.9	-5100.8
2858	10.0	80545.2	-5127.0	2948	9.7	81607.4	-5156.5	3038	10.0	82421.0	-5138.0	3128	10.0	83507.2	-5125.7
2859	9.7	80550.6	-5101.4	2949	10.0	81615.2	-5148.8	3039	10.0	82421.9	-5131.7	3129	10.0	83509.4	-5149.8
2860	9.3	80557.2	-5137.8	2950	10.0	81622.6	-5143.3	3040	9.5	82439.5	-5141.0	3130	9.4	83512.4	-5115.8
2861	7.1	80606.6	-5128.4	2951	10.0	81624.8	-5113.5	3041	7.8	82440.1	-5121.2	3131	9.4	83512.6	-5159.2
2862	9.9	80624.0	-5139.7	2952	7.4	81629.0	-5132.8	3042	10.0	82442.7	-5101.6	3132	8.9	83513.3	-5143.5
2863	9.6	80627.1	-5111.2	2953	10.0	81629.8	-5131.6	3043	10.0	82453.6	-5124.9	3133	9.2	83517.5	-5108.5
2864	10.0	80632.5	-5105.0	2954	10.0	81642.4	-5139.8	3044	10.0	82454.6	-5113.6	3134	10.0	83535.6	-5128.8
2865	10.0	80634.8	-5158.3	2955	9.3	81653.0	-5106.2	3045	8.8	82457.6	-5107.6	3135	8.4	83539.2	-5152.7
2866	10.0	80645.9	-5108.0	2956	10.0	81653.4	-5109.4	3046	10.0	82512.4	-5140.5	3136	10.0	83609.2	-5125.6
2867	9.5	80706.1	-5148.6	2957	8.7	81655.8	-5106.1	3047	9.8	82512.4	-5142.6	3137	10.0	83616.4	-5133.5
2868	10.0	80717.0	-5134.4	2958	9.5	81705.6	-5113.2	3048	10.0	82553.2	-5154.0	3138	10.0	83618.5	-5126.9
2869	10.0	80731.1	-5106.4	2959	10.0	81719.9	-5132.2	3049	9.8	82605.9	-5142.4	3139	10.0	83620.4	-5123.2
2870	10.0	80736.6	-5125.0	2960	10.0	81721.1	-5126.7	3050	10.0	82613.5	-5116.5	3140	9.5	83620.8	-5129.0
2871	10.0	80737.5	-5100.0	2961	10.0	81725.0	-5107.2	3051	10.0	82628.2	-5123.3	3141	7.6	83627.7	-5129.9
2872	10.0	80745.2	-5149.4	2962	8.9	81728.4	-5109.0	3052	10.0	82631.6	-5127.4	3142	9.3	83633.8	-5106.0
2873	10.0	80751.0	-5146.4	2963	7.3	81732.1	-5149.7	3053	8.4	82633.8	-5140.9	3143	10.0	83637.4	-5138.9
2874	10.0	80752.0	-5154.4	2964	8.9	81742.0	-5118.0	3054	9.5	82639.0	-5143.3	3144	10.0	83645.3	-5145.4
2875	10.0	80755.9	-5129.0	2965	10.0	81743.4	-5137.3	3055	10.0	82644.8	-5117.0	3145	9.6	83649.4	-5113.0
2876	10.0	80810.6	-5148.4	2966	10.0	81755.9	-5116.0	3056	9.8	82659.2	-5103.5	3146	10.0	83651.0	-5146.7
2877	10.0	80821.6	-5125.0	2967	10.0	81805.5	-5156.7	3057	9.9	82701.8	-5116.0	3147	9.7	83702.3	-5130.1
2878	10.0	80825.6	-5143.4	2968	10.0	81807.1	-5153.2	3058	10.0	82702.1	-5121.5	3148	10.0	83704.0	-5158.2
2879	10.0	80828.7	-5154.4	2969	10.0	81810.3	-5121.8	3059	9.0	82730.5	-5121.2	3149	10.0	83711.5	-5150.8
2880	8.1	80832.6	-5134.9	2970	10.0	81810.7	-5144.7	3060	10.5	82734.4	-5120.9	3150	10.0	83718.8	-5130.7
2881	10.0	80855.2	-5147.4	2971	10.0	81814.6	-5147.2	3061	10.0	82735.8	-5107.5	3151	10.0	83730.6	-5129.4
2882	10.0	80856.0	-5150.0	2972	9.8	81829.3	-5119.6	3062	10.0	82738.4	-5105.5	3152	10.0	83736.8	-5156.1
2883	10.0	80856.6	-5159.3	2973	9.6	81850.4	-5140.2	3063	8.7	82747.7	-5113.9	3153	10.0	83738.4	-5150.7
2884	10.0	80914.9	-5117.4	2974	10.0	81856.3	-5110.0	3064	10.0	82748.6	-5141.6	3154	10.0	83751.6	-5144.6
2885	9.4	80917.2	-5153.3	2975	10.0	81901.3	-5130.7	3065	10.0	82750.6	-5103.5	3155	10.0	83758.2	-5118.2
2886	10.0	80924.0	-5154.3	2976	10.0	81901.7	-5145.3	3066	10.0	82811.8	-5157.3	3156	9.9	83815.7	-5119.0
2887	10.0	80925.0	-5139.0	2977	10.0	81910.3	-5106.0	3067	9.3	82828.2	-5150.2	3157	9.9	83818.9	-5113.6
2888	10.0	80931.1	-5148.4	2978	10.0	81918.3	-5115.3	3068	10.0	82834.7	-5107.5	3158	11.5	83832.8	-5115.6
2889	10.0	80943.6	-5126.4	2979	10.0	81920.2	-5124.6	3069	10.0	82840.0	-5134.9	3159	10.0	83838.5	-5143.0
2890	10.0	80946.1	-5127.3	2980	6.6	81925.5	-5143.4	3070	9.4	82849.8	-5146.2	3160	8.6	83842.6	-5123.7
2891	10.0	80947.8	-5109.9	2981	10.0	81927.7	-5148.0	3071	10.0	82852.9	-5134.8	3161	9.7	83855.0	-5126.6

3162	9.9	83904.1	-5153.6	3252	10.0	84521.4	-5135.2	3342	10.0	85117.0	-5125.3	3432	10.0	85814.0 -5111.5
3163	9.4	83905.6	-5124.2	3253	9.8	84522.8	-5144.5	3343	10.0	85118.8	-5151.6	3433	10.0	85822.4 -5140.2
3164	8.6	83908.7	-5113.0	3254	9.9	84525.1	-5101.6	3344	10.0	85123.0	-5129.3	3434	10.0	85826.2 -5142.0
3165	9.8	83910.0	-5122.4	3255	10.0	84528.8	-5113.5	3345	10.0	85125.0	-5125.1	3435	9.6	85826.6 -5109.4
3166	10.0	83934.7	-5130.8	3256	10.0	84533.1	-5136.5	3346	10.0	85133.8	-5123.3	3436	10.0	85827.6 -5130.6
3167	7.7	83941.7	-5145.6	3257	10.0	84535.7	-5141.5	3347	10.0	85145.1	-5119.6	3437	10.0	85829.8 -5115.8
3168	10.0	83942.9	-5104.7	3258	10.0	84537.3	-5143.1	3348	10.0	85145.4	-5118.0	3438	10.0	85831.6 -5129.2
3169	9.9	83943.6	-5145.9	3259	10.0	84545.8	-5103.5	3349	10.0	85148.4	-5116.0	3439	10.0	85832.4 -5116.4
3170	10.0	83947.1	-5153.1	3260	10.0	84558.7	-5106.5	3350	10.0	85150.9	-5112.2	3440	10.0	85842.3 -5148.8
3171	10.0	83949.7	-5113.6	3261	10.0	84601.3	-5115.8	3351	10.0	85153.7	-5145.2	3441	9.7	85847.0 -5116.6
3172	10.0	83950.6	-5103.0	3262	10.0	84603.3	-5155.5	3352	10.0	85154.0	-5151.5	3442	9.6	85848.3 -5111.4
3173	8.2	83950.6	-5133.2	3263	9.5	84605.3	-5136.6	3353	10.8	85156.2	-5107.4	3443	10.0	85852.1 -5119.0
3174	9.9	83953.7	-5157.6	3264	10.0	84610.5	-5135.8	3354	7.8	85158.0	-5106.4	3444	10.0	85852.3 -5144.2
3175	10.0	83958.0	-5146.8	3265	9.9	84637.0	-5147.3	3355	10.0	85159.0	-5118.1	3445	9.2	85855.1 -5121.2
3176	10.0	84017.6	-5108.8	3266	9.8	84637.8	-5129.5	3356	10.0	85203.8	-5148.1	3446	10.0	85857.2 -5148.2
3177	10.0	84026.9	-5157.6	3267	7.9	84639.4	-5125.7	3357	10.0	85211.0	-5137.3	3447	10.0	85859.4 -5114.0
3178	10.0	84029.0	-5103.6	3268	10.0	84642.5	-5140.5	3358	10.0	85215.3	-5142.0	3448	9.7	85900.3 -5142.2
3179	10.0	84033.5	-5131.7	3269	10.0	84645.7	-5136.1	3359	10.0	85218.8	-5133.0	3449	10.0	85903.3 -5113.4
3180	10.0	84034.0	-5121.3	3270	9.7	84645.8	-5101.5	3360	10.0	85225.0	-5142.0	3450	9.4	85905.2 -5150.8
3181	10.0	84051.4	-5132.6	3271	10.0	84646.7	-5157.9	3361	10.0	85225.2	-5126.2	3451	10.0	85906.2 -5133.4
3182	10.0	84056.0	-5111.7	3272	10.0	84657.6	-5117.7	3362	11.0	85228.6	-5104.6	3452	10.0	85915.8 -5118.3
3183	10.0	84057.6	-5119.6	3273	10.0	84657.8	-5101.1	3363	10.5	85231.7	-5137.4	3453	11.5	85916.8 -5145.0
3184	10.0	84059.4	-5142.0	3274	9.9	84659.9	-5129.8	3364	10.0	85233.5	-5119.3	3454	9.7	85918.7 -5132.7
3185	9.9	84100.8	-5133.7	3275	10.0	84702.5	-5145.4	3365	10.0	85234.6	-5127.3	3455	9.7	85928.8 -5106.2
3186	10.0	84103.1	-5145.0	3276	10.0	84709.4	-5102.0	3366	10.5	85234.7	-5135.1	3456	10.0	85930.2 -5133.1
3187	9.8	84105.1	-5155.5	3277	10.0	84712.4	-5131.5	3367	9.8	85242.0	-5106.3	3457	10.0	85931.9 -5141.2
3188	9.6	84107.0	-5146.6	3278	10.0	84720.6	-5112.1	3368	9.9	85250.6	-5152.2	3458	10.0	85933.6 -5118.9
3189	10.0	84108.0	-5156.6	3279	9.9	84721.4	-5145.4	3369	10.0	85250.7	-5156.3	3459	9.7	85936.4 -5105.3
3190	9.4	84115.5	-5111.4	3280	10.0	84731.6	-5137.4	3370	10.0	85252.2	-5136.3	3460	9.6	85943.7 -5129.0
3191	9.4	84125.6	-5105.6	3281	10.0	84733.1	-5118.0	3371	10.5	85254.7	-5111.3	3461	10.0	85951.6 -5106.1
3192	10.0	84125.8	-5108.9	3282	10.0	84734.4	-5101.2	3372	10.0	85255.9	-5145.4	3462	10.0	85955.4 -5115.4
3193	10.0	84131.9	-5129.0	3283	10.0	84749.4	-5156.6	3373	11.5	85259.2	-5133.5	3463	10.0	85955.5 -5143.2
3194	10.0	84143.4	-5122.1	3284	10.0	84759.6	-5156.6	3374	9.4	85301.0	-5135.8	3464	10.0	85957.4 -5136.0
3195	10.0	84148.9	-5112.7	3285	10.0	84802.4	-5121.4	3375	12.0	85303.7	-5127.1	3465	10.0	90003.6 -5108.2
3196	9.2	84153.0	-5157.8	3286	10.0	84805.7	-5104.8	3376	9.1	85306.0	-5120.4	3466	10.0	90005.5 -5154.0
3197	9.6	84158.4	-5158.8	3287	10.0	84807.1	-5122.5	3377	10.0	85311.3	-5103.5	3467	10.0	90008.8 -5122.9
3198	10.0	84200.3	-5123.6	3288	10.0	84808.0	-5124.7	3378	9.8	85317.0	-5146.5	3468	10.0	90011.1 -5109.7
3199	10.0	84201.2	-5156.6	3289	10.0	84811.3	-5102.0	3379	10.0	85318.6	-5109.7	3469	9.9	90014.2 -5118.3
3200	10.0	84203.4	-5136.6	3290	9.9	84814.3	-5135.8	3380	10.0	85325.2	-5125.8	3470	10.0	90017.6 -5122.6
3201	8.8	84204.7	-5107.6	3291	10.0	84814.6	-5103.5	3381	9.8	85325.3	-5145.0	3471	10.0	90018.7 -5112.1
3202	9.3	84209.9	-5105.3	3292	10.0	84817.9	-5114.9	3382	9.3	85332.8	-5111.5	3472	9.2	90019.4 -5129.8
3203	10.0	84210.6	-5156.5	3293	10.0	84822.0	-5145.4	3383	9.6	85338.2	-5136.3	3473	9.3	90024.3 -5109.3
3204	9.8	84216.9	-5104.6	3294	10.0	84823.2	-5156.6	3384	10.0	85343.6	-5107.0	3474	10.0	90028.5 -5128.8
3205	10.0	84217.9	-5123.6	3295	9.1	84825.7	-5116.0	3385	10.0	85343.8	-5115.3	3475	10.0	90031.2 -5153.4
3206	10.0	84218.6	-5130.6	3296	10.0	84827.2	-5151.2	3386	10.0	85349.7	-5124.4	3476	10.0	90038.0 -5153.1
3207	10.0	84222.4	-5143.3	3297	10.0	84827.9	-5147.2	3387	10.0	85353.4	-5159.1	3477	10.0	90044.5 -5159.0
3208	10.0	84236.8	-5145.9	3298	10.0	84829.8	-5121.8	3388	9.9	85414.6	-5130.2	3478	8.6	90058.6 -5128.5
3209	10.0	84245.4	-5120.8	3299	10.0	84832.8	-5141.1	3389	10.0	85417.3	-5139.7	3479	9.4	90104.8 -5111.3
3210	10.0	84245.8	-5118.3	3300	10.0	84839.5	-5129.8	3390	10.0	85438.2	-5123.2	3480	9.6	90105.5 -5121.2
3211	10.0	84248.4	-5125.9	3301	10.0	84848.8	-5105.7	3391	9.5	85439.0	-5157.3	3481	10.0	90112.8 -5125.9
3212	9.9	84254.0	-5155.3	3302	10.0	84849.8	-5140.3	3392	10.0	85455.7	-5121.3	3482	11.0	90118.7 -5138.1
3213	10.0	84254.6	-5134.6	3303	6.9	84853.8	-5139.4	3393	11.0	85455.7	-5151.9	3483	9.3	90129.1 -5123.1
3214	9.2	84259.9	-5139.4	3304	10.0	84857.2	-5158.5	3394	10.0	85510.8	-5110.5	3484	10.0	90132.4 -5118.0
3215	10.0	84301.5	-5102.6	3305	10.0	84859.5	-5102.7	3395	9.8	85515.6	-5122.0	3485	10.0	90134.2 -5102.2
3216	10.0	84318.6	-5105.4	3306	10.0	84900.7	-5141.2	3396	9.3	85515.9	-5142.9	3486	9.8	90156.8 -5112.0
3217	8.3	84321.6	-5131.5	3307	10.0	84908.1	-5116.7	3397	9.6	85516.1	-5145.5	3487	10.0	90200.4 -5134.6
3218	9.8	84325.1	-5111.6	3308	8.9	84910.5	-5100.7	3398	11.0	85516.7	-5131.3	3488	10.0	90200.6 -5147.6
3219	10.0	84327.7	-5132.5	3309	11.0	84923.2	-5159.2	3399	10.0	85520.1	-5100.4	3489	10.0	90204.9 -5118.3
3220	10.0	84329.6	-5103.9	3310	10.0	84923.5	-5140.0	3400	10.0	85522.4	-5101.5	3490	9.6	90211.2 -5108.1
3221	7.9	84330.0	-5127.6	3311	9.9	84929.0	-5142.7	3401	10.0	85527.3	-5156.5	3491	10.0	90211.5 -5132.9
3222	10.0	84333.7	-5138.3	3312	10.0	84930.8	-5138.5	3402	10.0	85533.0	-5135.7	3492	10.0	90212.1 -5129.2
3223	9.7	84343.1	-5100.6	3313	9.6	84935.8	-5136.5	3403	10.0	85533.2	-5143.6	3493	10.0	90232.7 -5141.6
3224	9.8	84344.5	-5106.5	3314	9.0	84937.0	-5159.3	3404	11.0	85534.2	-5107.7	3494	10.0	90233.6 -5125.6
3225	10.0	84347.5	-5129.2	3315	10.0	84940.6	-5115.2	3405	9.6	85537.1	-5149.0	3495	10.0	90241.0 -5105.0
3226	10.0	84348.9	-5132.2	3316	10.0	84945.0	-5133.7	3406	10.0	85539.6	-5131.3	3496	9.5	90247.7 -5106.5
3227	10.0	84355.6	-5144.5	3317	10.0	84947.6	-5114.0	3407	10.0	85544.6	-5133.0	3497	10.0	90247.9 -5116.2
3228	9.6	84356.6	-5108.4	3318	10.0	84950.9	-5155.0	3408	9.7	85547.0	-5111.5	3498	10.0	90251.4 -5110.2
3229	10.0	84403.4	-5144.0	3319	10.0	84952.2	-5135.6	3409	7.5	85550.7	-5101.3	3499	10.0	90254.3 -5100.2
3230	10.0	84406.9	-5150.9	3320	10.0	84955.9	-5116.7	3410	9.7	85558.4	-5124.7	3500	10.0	90302.3 -5140.6
3231	9.9	84413.7	-5142.3	3321	11.5	84959.3	-5157.7	3411	9.9	85605.3	-5136.4	3501	10.0	90304.6 -5132.6
3232	10.0	84414.2	-5157.2	3322	10.0	85003.6	-5145.3	3412	10.0	85606.4	-5105.4	3502	10.0	90305.7 -5102.7
3233	10.0	84418.8	-5107.6	3323	8.7	85010.0	-5106.4	3413	9.8	85619.9	-5156.3	3503	9.8	90315.5 -5150.1
3234	10.0	84422.6	-5119.5	3324	11.0	85010.4	-5157.9	3414	10.0	85623.2	-5132.2	3504	8.4	90325.7 -5151.4
3235	10.0	84427.6	-5148.6	3325	8.1	85010.7	-5159.8	3415	10.0	85625.5	-5136.9	3505	10.0	90326.7 -5121.2
3236	10.0	84428.9	-5137.5	3326	8.0	85016.6	-5113.4	3416	9.1	85628.0	-5110.3	3506	9.5	90328.0 -5159.9
3237	9.8	84431.7	-5112.4	3327	10.0	85018.5	-5100.0	3417	9.5	85628.3	-5157.7	3507	8.7	90335.4 -5123.7
3238	10.0	84433.1	-5117.6	3328	10.0	85028.3	-5124.4	3418	10.0	85628.8	-5112.2	3508	10.0	90339.6 -5109.7
3239	11.5	84442.8	-5109.3	3329	10.0	85030.3	-5130.8	3419	9.6	85631.3	-5142.2	3509	10.0	90340.9 -5119.0
3240	12.0	84443.3	-5131.3	3330	10.0	85030.5	-5100.8	3420	7.0	85642.6	-5104.2	3510	10.0	90342.9 -5142.1
3241	10.0	84444.5	-5125.5	3331	11.0	85034.8	-5108.6	3421	10.0	85658.6	-5145.7	3511	9.9	90349.7 -5121.4
3242	10.0	84445.4	-5128.2	3332	10.0	85037.0	-5122.3	3422	9.9	85702.2	-5114.7	3512	10.0	90357.8 -5143.2
3243	10.0	84452.3	-5126.8	3333	10.0	85041.2	-5105.3	3423	10.0	85712.6	-5137.0	3513	10.0	90401.1 -5105.7
3244	10.0	84458.2	-5110.7	3334	10.0	85041.7	-5157.8	3424	10.0	85715.0	-5127.7	3514	10.0	90407.2 -5151.1
3245	10.0	84458.2	-5132.7	3335	10.0	85043.5	-5152.3	3425	9.9	85717.4	-5153.5	3515	10.0	90410.6 -5126.2
3246	10.0	84503.1	-5140.5	3336	10.0	85055.8	-5114.8	3426	10.0	85720.9	-5136.3	3516	10.0	90410.6 -5138.6
3247	10.0	84503.7	-5126.0	3337	10.0	85101.0	-5139.8	3427	10.0	85725.9	-5102.3	3517	10.0	90418.4 -5138.1
3248	10.0	84508.8	-5150.5	3338	10.0	85105.9	-5116.0	3428	10.0	85742.3	-5100.8	3518	8.6	90423.2 -5115.1
3249	9.5	84514.1	-5115.5	3339	10.0	85107.6	-5124.6	3429	10.0	85748.3	-5105.1	3519	10.0	90425.3 -5110.7
3250	10.0	84514.6	-5134.6	3340	9.6	85109.4	-5147.8	3430	5.9	85752.4	-5142.0	3520	10.0	90425.5 -5156.0
3251	10.0	84518.1	-5105.5	3341	10.0	85112.3	-5130.0	3431	10.0	85802.7	-5126.2	3521	9.1	90426.6 -5100.4

-51 3522 9h04m

-51 3881 9h26m

3522	10.0	90427.2	-5121.3	3612	10.0	90913.7	-5156.0	3702	10.0	91523.6	-5141.0	3792	10.0	92105.6	-5110.9
3523	10.0	90430.2	-5130.3	3613	9.5	90914.0	-5122.0	3703	10.0	91527.1	-5129.5	3793	8.9	92109.6	-5107.9
3524	10.0	90431.9	-5139.2	3614	8.8	90917.2	-5140.0	3704	9.9	91536.1	-5154.7	3794	9.6	92111.3	-5151.6
3525	10.0	90434.5	-5102.2	3615	9.5	90920.4	-5134.1	3705	10.0	91539.0	-5158.2	3795	9.6	92113.6	-5105.9
3526	10.0	90438.2	-5125.8	3616	10.0	90922.8	-5102.2	3706	10.0	91544.4	-5125.0	3796	10.0	92126.6	-5111.7
3527	10.0	90440.0	-5102.3	3617	10.0	90927.1	-5101.7	3707	10.0	91549.7	-5112.0	3797	10.0	92127.6	-5122.8
3528	9.6	90441.2	-5129.3	3618	10.0	90932.7	-5124.2	3708	9.8	91559.8	-5148.9	3798	10.0	92133.0	-5135.6
3529	10.0	90445.5	-5121.0	3619	10.0	90933.2	-5137.8	3709	10.0	91601.8	-5146.3	3799	10.0	92135.3	-5100.0
3530	10.0	90448.8	-5126.1	3620	9.9	90933.5	-5109.0	3710	10.0	91603.0	-5151.5	3800	10.0	92136.3	-5112.8
3531	9.9	90449.7	-5127.2	3621	10.0	90939.6	-5147.2	3711	9.5	91609.5	-5134.5	3801	9.9	92137.6	-5102.8
3532	10.0	90453.9	-5111.1	3622	10.0	90940.2	-5145.2	3712	10.0	91610.2	-5105.0	3802	10.0	92142.6	-5143.9
3533	9.3	90454.0	-5105.7	3623	10.0	90942.3	-5133.1	3713	10.0	91610.9	-5106.0	3803	10.0	92143.0	-5122.4
3534	10.0	90457.7	-5157.8	3624	10.0	90946.8	-5109.2	3714	9.8	91618.7	-5108.0	3804	10.0	92146.2	-5131.4
3535	10.0	90503.8	-5121.1	3625	10.0	90947.6	-5112.0	3715	10.0	91627.6	-5107.3	3805	10.0	92153.8	-5136.9
3536	10.0	90514.8	-5152.0	3626	10.0	90956.0	-5141.0	3716	9.8	91632.8	-5137.4	3806	10.0	92154.3	-5108.2
3537	10.0	90516.2	-5137.6	3627	10.0	90956.5	-5123.6	3717	10.0	91636.6	-5148.6	3807	10.0	92158.6	-5148.6
3538	10.0	90517.2	-5141.6	3628	10.0	90957.0	-5144.1	3718	9.9	91637.3	-5144.8	3808	10.5	92200.6	-5130.0
3539	10.0	90522.0	-5105.7	3629	9.8	91001.3	-5108.6	3719	9.9	91639.4	-5121.6	3809	8.8	92200.8	-5125.3
3540	10.0	90525.7	-5155.0	3630	10.0	91004.0	-5101.9	3720	9.9	91646.2	-5123.0	3810	10.0	92202.0	-5151.2
3541	10.0	90528.3	-5110.2	3631	10.0	91004.1	-5151.0	3721	10.0	91646.6	-5132.6	3811	10.0	92203.6	-5151.8
3542	9.4	90529.6	-5145.1	3632	10.0	91004.5	-5123.0	3722	9.8	91649.3	-5156.6	3812	10.0	92207.5	-5119.4
3543	10.0	90533.0	-5129.4	3633	10.0	91007.2	-5106.2	3723	9.9	91651.6	-5121.7	3813	10.0	92209.6	-5109.9
3544	10.0	90533.5	-5157.3	3634	10.0	91007.7	-5140.2	3724	10.0	91701.6	-5125.0	3814	10.8	92212.6	-5116.0
3545	10.0	90535.2	-5134.1	3635	10.0	91011.5	-5121.2	3725	10.0	91708.9	-5125.9	3815	10.0	92216.0	-5138.9
3546	10.0	90537.0	-5122.6	3636	10.0	91017.7	-5136.3	3726	10.0	91722.4	-5114.9	3816	9.9	92217.6	-5137.1
3547	9.8	90539.4	-5118.0	3637	10.0	91019.9	-5122.3	3727	9.0	91723.0	-5127.6	3817	9.7	92218.0	-5115.9
3548	10.0	90545.6	-5154.1	3638	10.0	91022.8	-5126.0	3728	9.7	91731.0	-5153.8	3818	10.0	92221.9	-5119.6
3549	10.0	90547.9	-5145.1	3639	10.0	91027.3	-5144.3	3729	10.5	91737.1	-5102.4	3819	10.0	92225.9	-5148.9
3550	10.0	90550.2	-5125.5	3640	9.9	91037.3	-5153.6	3730	9.9	91738.2	-5110.0	3820	10.0	92226.9	-5107.8
3551	10.0	90556.7	-5121.2	3641	10.0	91040.9	-5156.0	3731	10.0	91739.9	-5117.9	3821	9.5	92229.2	-5155.6
3552	10.0	90557.2	-5111.3	3642	10.0	91041.9	-5158.0	3732	9.8	91743.0	-5101.9	3822	10.0	92232.0	-5134.9
3553	7.1	90559.6	-5134.6	3643	9.0	91044.7	-5146.7	3733	10.0	91743.8	-5130.8	3823	10.0	92235.6	-5124.6
3554	10.0	90605.3	-5106.2	3644	9.9	91045.5	-5145.5	3734	9.9	91748.9	-5119.9	3824	8.6	92237.4	-5113.8
3555	10.0	90611.6	-5106.1	3645	9.4	91100.8	-5103.2	3735	10.0	91749.2	-5103.9	3825	10.0	92240.9	-5113.9
3556	10.0	90611.7	-5138.3	3646	9.4	91103.0	-5106.5	3736	10.0	91807.4	-5123.0	3826	10.0	92241.6	-5138.9
3557	9.9	90611.7	-5154.0	3647	9.8	91106.8	-5112.4	3737	10.0	91809.6	-5126.8	3827	10.0	92243.4	-5156.9
3558	9.5	90613.8	-5101.8	3648	9.9	91113.6	-5124.1	3738	10.0	91813.6	-5122.0	3828	8.6	92251.5	-5158.8
3559	10.0	90617.2	-5148.2	3649	9.6	91114.4	-5101.5	3739	9.9	91816.6	-5107.5	3829	10.0	92251.6	-5113.8
3560	10.0	90619.5	-5142.6	3650	10.0	91115.5	-5138.1	3740	10.0	91817.2	-5133.7	3830	8.6	92252.4	-5155.3
3561	9.9	90630.8	-5101.1	3651	9.8	91115.7	-5131.0	3741	10.0	91820.9	-5116.2	3831	10.0	92255.6	-5119.4
3562	10.0	90631.9	-5103.5	3652	10.0	91116.5	-5136.9	3742	9.9	91822.5	-5117.5	3832	9.5	92255.6	-5114.6
3563	10.0	90635.6	-5117.1	3653	9.9	91118.4	-5154.5	3743	10.0	91823.9	-5156.9	3833	10.0	92256.9	-5110.4
3564	10.0	90639.6	-5149.1	3654	10.0	91122.4	-5159.0	3744	9.1	91827.0	-5135.7	3834	10.0	92257.7	-5128.8
3565	9.7	90651.7	-5154.0	3655	10.0	91123.0	-5114.1	3745	10.0	91827.6	-5157.4	3835	10.0	92259.6	-5109.6
3566	9.7	90652.8	-5130.5	3656	10.0	91128.8	-5123.0	3746	10.0	91840.4	-5152.5	3836	10.0	92303.0	-5111.3
3567	10.0	90653.2	-5132.1	3657	9.9	91135.7	-5154.6	3747	8.9	91844.5	-5136.0	3837	10.0	92319.6	-5115.0
3568	10.0	90656.2	-5133.4	3658	10.0	91139.4	-5131.0	3748	10.0	91846.8	-5122.0	3838	10.0	92331.7	-5137.3
3569	10.0	90657.4	-5105.6	3659	10.0	91141.2	-5109.9	3749	10.0	91849.5	-5150.8	3839	9.7	92335.0	-5118.1
3570	9.2	90659.4	-5122.8	3660	9.9	91146.4	-5115.8	3750	10.5	91851.2	-5146.3	3840	10.0	92341.2	-5146.3
3571	9.3	90703.3	-5154.8	3661	10.0	91159.1	-5136.2	3751	10.0	91853.2	-5117.3	3841	9.5	92347.3	-5119.0
3572	9.0	90704.5	-5107.2	3662	9.4	91203.5	-5143.8	3752	10.0	91854.4	-5104.8	3842	9.7	92349.6	-5141.8
3573	10.0	90706.2	-5157.0	3663	10.0	91206.6	-5122.0	3753	9.1	91856.8	-5122.2	3843	10.0	92349.7	-5115.2
3574	10.0	90708.3	-5143.1	3664	10.0	91209.2	-5153.0	3754	10.0	91902.9	-5119.2	3844	10.5	92356.1	-5132.8
3575	9.0	90709.9	-5136.0	3665	9.9	91212.6	-5151.2	3755	10.0	91903.6	-5100.8	3845	10.0	92357.5	-5106.6
3576	10.0	90710.8	-5109.2	3666	10.0	91213.7	-5142.8	3756	9.5	91904.8	-5133.6	3846	10.0	92404.6	-5133.3
3577	10.0	90713.8	-5145.2	3667	10.0	91219.0	-5113.1	3757	8.6	91905.0	-5115.9	3847	10.0	92406.2	-5131.6
3578	10.0	90722.0	-5159.0	3668	9.2	91220.4	-5103.7	3758	10.0	91909.5	-5144.9	3848	10.0	92406.7	-5104.8
3579	10.0	90726.4	-5150.4	3669	9.8	91223.2	-5116.0	3759	10.0	91913.0	-5134.8	3849	10.0	92408.0	-5155.3
3580	10.0	90733.4	-5109.8	3670	9.5	91232.5	-5125.0	3760	9.9	91913.1	-5130.3	3850	10.0	92412.6	-5145.3
3581	10.0	90736.1	-5142.0	3671	9.2	91234.2	-5123.7	3761	10.0	91920.5	-5115.9	3851	10.0	92414.0	-5124.5
3582	10.0	90739.1	-5154.0	3672	10.0	91236.7	-5154.5	3762	10.0	91921.3	-5158.8	3852	9.9	92417.5	-5125.2
3583	10.0	90746.2	-5140.0	3673	10.5	91236.9	-5100.1	3763	10.0	91935.0	-5114.1	3853	9.7	92425.1	-5158.8
3584	10.0	90746.6	-5144.4	3674	9.8	91248.2	-5123.0	3764	8.0	91935.3	-5153.8	3854	10.0	92433.0	-5135.3
3585	10.0	90748.5	-5105.2	3675	9.8	91249.2	-5100.2	3765	9.4	91947.0	-5125.3	3855	10.0	92435.2	-5124.8
3586	10.0	90748.7	-5153.0	3676	10.0	91251.4	-5145.0	3766	9.9	91949.1	-5146.8	3856	10.0	92438.2	-5147.8
3587	10.0	90749.5	-5130.0	3677	10.0	91251.7	-5159.6	3767	6.6	91949.1	-5112.0	3857	9.5	92446.9	-5159.7
3588	10.0	90752.3	-5121.0	3678	9.9	91254.6	-5152.5	3768	10.0	91951.3	-5104.1	3858	11.0	92449.0	-5138.0
3589	10.0	90756.6	-5146.0	3679	10.0	91256.3	-5142.5	3769	9.9	91953.5	-5102.9	3859	10.0	92449.2	-5158.8
3590	10.0	90756.9	-5145.8	3680	10.0	91300.5	-5107.0	3770	10.0	92005.2	-5118.9	3860	11.0	92450.1	-5126.6
3591	9.9	90800.5	-5138.0	3681	10.0	91301.6	-5137.1	3771	9.5	92006.8	-5107.7	3861	10.0	92450.8	-5100.7
3592	10.0	90802.1	-5114.2	3682	10.0	91302.6	-5120.8	3772	10.0	92014.0	-5145.9	3862	10.0	92454.8	-5120.9
3593	10.0	90806.0	-5137.4	3683	10.0	91340.5	-5102.6	3773	10.0	92017.6	-5121.9	3863	10.0	92455.3	-5158.6
3594	9.9	90810.2	-5116.7	3684	10.0	91340.6	-5149.6	3774	10.0	92021.8	-5124.9	3864	10.0	92456.6	-5100.8
3595	10.0	90811.2	-5156.0	3685	10.0	91344.3	-5153.3	3775	9.6	92026.4	-5134.3	3865	7.5	92506.2	-5152.7
3596	10.0	90811.3	-5153.8	3686	9.1	91348.9	-5126.9	3776	9.5	92026.9	-5125.0	3866	10.0	92518.5	-5145.8
3597	10.0	90822.3	-5101.8	3687	10.0	91349.6	-5126.0	3777	9.5	92028.9	-5131.1	3867	10.0	92520.0	-5118.3
3598	9.9	90824.6	-5140.0	3688	10.0	91357.6	-5130.5	3778	10.0	92031.2	-5114.4	3868	10.0	92523.9	-5101.2
3599	9.9	90824.8	-5155.0	3689	10.0	91409.5	-5149.0	3779	9.5	92032.4	-5119.9	3869	10.0	92532.3	-5131.0
3600	10.0	90829.1	-5110.8	3690	9.9	91409.6	-5105.8	3780	9.9	92035.5	-5140.9	3870	10.0	92538.6	-5135.7
3601	10.0	90832.1	-5121.0	3691	9.3	91412.0	-5110.1	3781	10.0	92037.0	-5154.3	3871	10.0	92546.7	-5120.8
3602	9.8	90833.3	-5113.0	3692	9.6	91414.9	-5144.8	3782	10.0	92038.2	-5138.7	3872	10.0	92553.0	-5142.3
3603	10.0	90833.4	-5130.9	3693	6.3	91434.6	-5101.9	3783	10.0	92041.6	-5112.7	3873	9.9	92558.6	-5130.7
3604	9.9	90842.3	-5152.0	3694	9.7	91436.4	-5103.8	3784	10.0	92043.4	-5150.8	3874	9.2	92559.4	-5128.9
3605	10.0	90843.1	-5144.8	3695	10.0	91437.1	-5153.8	3785	8.7	92045.4	-5117.1	3875	9.8	92600.5	-5139.0
3606	10.0	90845.1	-5139.7	3696	10.0	91438.6	-5146.3	3786	9.9	92047.3	-5152.7	3876	9.8	92603.3	-5103.3
3607	10.0	90846.2	-5104.5	3697	10.0	91453.2	-5134.7	3787	9.3	92053.2	-5117.9	3877	9.9	92603.5	-5142.2
3608	10.0	90849.5	-5101.6	3698	8.9	91454.6	-5148.0	3788	9.9	92053.5	-5131.2	3878	9.8	92604.9	-5151.2
3609	10.0	90854.4	-5153.3	3699	10.0	91459.6	-5125.0	3789	10.0	92100.4	-5102.7	3879	10.0	92606.0	-5130.7
3610	10.0	90905.3	-5100.0	3700	10.0	91505.3	-5114.5	3790	9.2	92103.2	-5126.0	3880	8.8	92606.7	-5145.6
3611	9.1	90911.0	-5128.9	3701	9.8	91506.8	-5129.8	3791	9.0	92104.2	-5153.4	3881	10.0	92612.6	-5156.3

-51 3882 9h26m

-51 4241 9h46m

3882	9.7	92613.9 -5110.5	3972	10.0	93136.5 -5147.4	4062	10.0	93631.5 -5117.2	4152	10.8	94155.9 -5109.9
3883	10.0	92618.8 -5113.8	3973	10.0	93137.5 -5112.8	4063	10.0	93632.7 -5125.8	4153	10.0	94159.8 -5150.2
3884	9.6	92620.6 -5106.8	3974	10.0	93142.0 -5118.9	4064	10.0	93633.8 -5114.8	4154	9.9	94203.2 -5108.5
3885	9.5	92628.9 -5104.8	3975	10.0	93144.9 -5158.8	4065	9.6	93645.6 -5130.6	4155	10.0	94203.8 -5147.6
3886	10.0	92630.9 -5157.7	3976	10.0	93145.0 -5118.1	4066	9.7	93648.0 -5153.0	4156	10.0	94205.2 -5136.9
3887	10.0	92631.8 -5140.1	3977	8.5	93146.6 -5111.4	4067	9.8	93649.2 -5144.0	4157	10.0	94208.2 -5127.7
3888	10.0	92635.6 -5135.2	3978	9.9	93155.4 -5137.6	4068	8.0	93652.4 -5104.0	4158	10.0	94211.5 -5100.9
3889	10.5	92645.7 -5148.8	3979	8.1	93159.0 -5159.1	4069	9.7	93653.4 -5138.0	4159	10.0	94216.6 -5132.9
3890	10.0	92646.5 -5117.5	3980	10.0	93204.8 -5106.6	4070	9.4	93659.5 -5118.1	4160	10.0	94219.0 -5157.9
3891	10.0	92647.7 -5132.8	3981	10.0	93205.5 -5117.0	4071	10.0	93659.7 -5158.5	4161	10.0	94222.4 -5150.9
3892	10.0	92651.2 -5152.7	3982	10.0	93209.2 -5143.1	4072	9.4	93703.5 -5129.6	4162	9.2	94222.4 -5140.0
3893	10.0	92654.6 -5122.2	3983	10.0	93210.2 -5142.7	4073	10.0	93705.0 -5131.8	4163	10.0	94222.5 -5104.2
3894	9.9	92707.2 -5151.2	3984	10.0	93214.2 -5103.5	4074	9.9	93711.3 -5152.8	4164	9.9	94224.9 -5125.0
3895	9.8	92710.4 -5138.8	3985	9.4	93215.3 -5158.6	4075	8.1	93711.4 -5158.3	4165	10.0	94225.4 -5141.4
3896	10.0	92712.0 -5142.6	3986	10.0	93219.0 -5103.9	4076	10.0	93715.4 -5120.2	4166	10.0	94227.3 -5144.2
3897	10.0	92712.2 -5148.8	3987	10.0	93220.9 -5126.2	4077	9.9	93719.3 -5145.0	4167	9.2	94231.1 -5119.9
3898	10.0	92715.9 -5151.5	3988	9.7	93222.6 -5114.7	4078	9.9	93720.4 -5117.4	4168	10.0	94232.2 -5103.8
3899	10.0	92721.1 -5127.2	3989	9.7	93226.2 -5114.5	4079	9.3	93727.8 -5138.6	4169	10.0	94233.1 -5123.4
3900	10.0	92723.8 -5150.6	3990	11.0	93227.2 -5109.4	4080	10.0	93729.4 -5108.8	4170	9.1	94236.4 -5127.6
3901	9.7	92723.9 -5156.2	3991	10.0	93228.9 -5109.9	4081	10.0	93737.0 -5104.4	4171	10.0	94237.9 -5103.9
3902	9.0	92724.0 -5123.4	3992	9.2	93230.6 -5154.0	4082	10.0	93739.8 -5100.5	4172	10.0	94239.6 -5129.9
3903	10.0	92731.3 -5157.7	3993	10.0	93233.2 -5131.9	4083	10.0	93740.6 -5102.5	4173	10.0	94240.5 -5154.6
3904	10.0	92735.7 -5155.8	3994	9.9	93233.8 -5130.8	4084	9.7	93742.5 -5100.0	4174	10.0	94242.0 -5158.4
3905	9.8	92743.2 -5112.7	3995	10.0	93235.1 -5125.6	4085	10.0	93747.0 -5143.2	4175	10.0	94244.7 -5114.4
3906	10.0	92746.6 -5133.7	3996	9.6	93238.6 -5158.6	4086	10.0	93754.9 -5112.5	4176	10.0	94245.1 -5102.2
3907	10.0	92747.2 -5149.7	3997	10.0	93239.4 -5114.4	4087	10.0	93808.0 -5123.8	4177	10.0	94253.3 -5134.4
3908	10.0	92752.7 -5153.8	3998	10.0	93241.7 -5112.8	4088	10.0	93811.3 -5108.0	4178	10.0	94258.6 -5134.0
3909	10.0	92754.8 -5116.7	3999	9.9	93247.2 -5121.1	4089	8.8	93813.0 -5145.3	4179	9.9	94304.0 -5132.0
3910	10.0	92757.9 -5141.4	4000	9.6	93245.9 -5102.2	4090	10.0	93814.4 -5125.0	4180	10.0	94307.8 -5144.8
3911	10.0	92759.9 -5150.4	4001	9.9	93248.0 -5157.6	4091	10.0	93815.2 -5114.3	4181	10.0	94308.2 -5149.2
3912	10.0	92800.6 -5136.1	4002	9.7	93250.9 -5152.6	4092	9.9	93815.6 -5148.0	4182	10.0	94308.4 -5111.2
3913	10.0	92803.3 -5154.2	4003	9.9	93251.4 -5145.6	4093	10.0	93818.9 -5125.2	4183	10.0	94308.6 -5139.0
3914	10.0	92818.7 -5149.3	4004	10.0	93259.2 -5138.6	4094	9.5	93828.2 -5128.1	4184	10.0	94314.0 -5108.6
3915	9.6	92819.2 -5112.2	4005	10.0	93308.8 -5104.6	4095	9.8	93829.0 -5116.6	4185	9.9	94322.6 -5133.8
3916	10.0	92819.6 -5135.9	4006	10.0	93316.8 -5158.0	4096	9.5	93831.6 -5135.5	4186	10.0	94326.9 -5132.0
3917	10.0	92825.0 -5153.2	4007	10.0	93317.6 -5138.6	4097	10.0	93838.8 -5109.8	4187	10.0	94330.9 -5142.9
3918	9.8	92826.3 -5131.8	4008	10.0	93318.3 -5149.1	4098	10.0	93841.1 -5158.3	4188	10.0	94331.0 -5115.7
3919	10.0	92827.6 -5157.2	4009	9.5	93322.3 -5139.6	4099	10.0	93848.2 -5114.5	4189	10.0	94334.2 -5122.5
3920	9.9	92831.0 -5114.7	4010	10.0	93324.8 -5112.8	4100	10.0	93850.5 -5120.0	4190	10.0	94334.4 -5133.8
3921	9.4	92833.6 -5119.7	4011	10.0	93329.2 -5148.6	4101	10.5	93856.4 -5133.4	4191	10.0	94336.2 -5155.2
3922	10.0	92843.1 -5156.5	4012	10.0	93332.7 -5154.6	4102	10.0	93859.2 -5133.3	4192	10.0	94352.8 -5116.6
3923	9.7	92845.6 -5111.8	4013	10.0	93336.5 -5159.4	4103	10.5	93859.9 -5123.2	4193	9.8	94354.4 -5145.7
3924	9.8	92850.4 -5151.2	4014	10.0	93336.9 -5154.5	4104	9.2	93901.9 -5122.0	4194	10.0	94354.6 -5110.1
3925	10.0	92852.2 -5110.7	4015	9.8	93344.2 -5149.6	4105	10.0	93903.7 -5108.6	4195	10.0	94358.0 -5142.8
3926	10.0	92858.2 -5113.8	4016	10.0	93344.9 -5102.0	4106	10.0	93905.7 -5139.2	4196	8.5	94401.4 -5155.9
3927	9.2	92900.2 -5145.9	4017	10.0	93345.0 -5124.6	4107	9.4	93914.3 -5122.0	4197	8.9	94410.7 -5128.8
3928	10.0	92903.0 -5142.4	4018	10.0	93349.2 -5105.7	4108	9.5	93916.4 -5134.1	4198	9.8	94413.0 -5134.8
3929	9.4	92907.0 -5135.2	4019	10.0	93349.5 -5137.0	4109	10.0	93917.2 -5100.0	4199	9.4	94413.4 -5150.4
3930	10.0	92912.3 -5121.0	4020	9.9	93358.9 -5105.7	4110	9.4	93923.8 -5115.3	4200	10.0	94413.8 -5110.6
3931	10.0	92912.5 -5142.4	4021	10.0	93402.5 -5159.1	4111	10.0	93929.8 -5132.0	4201	10.0	94414.1 -5122.0
3932	10.0	92913.5 -5140.6	4022	10.0	93403.6 -5148.3	4112	10.0	93932.6 -5109.5	4202	10.0	94421.6 -5135.7
3933	10.0	92916.1 -5145.2	4023	9.7	93405.0 -5126.2	4113	10.0	93937.3 -5122.7	4203	10.0	94426.2 -5120.4
3934	10.0	92917.4 -5126.4	4024	10.0	93406.4 -5127.8	4114	10.0	93940.3 -5142.7	4204	10.0	94428.1 -5134.7
3935	9.4	92919.7 -5132.4	4025	9.5	93407.6 -5147.8	4115	10.0	93940.4 -5135.5	4205	10.0	94440.9 -5134.4
3936	10.0	92922.9 -5150.7	4026	10.0	93409.1 -5129.1	4116	10.0	93941.6 -5129.0	4206	9.6	94444.5 -5127.2
3937	10.0	92929.3 -5124.0	4027	10.0	93411.8 -5124.7	4117	10.0	93949.2 -5139.8	4207	9.8	94445.3 -5148.9
3938	10.0	92929.5 -5148.0	4028	9.4	93424.1 -5154.4	4118	9.8	93952.5 -5120.7	4208	9.4	94447.2 -5125.0
3939	10.0	92929.6 -5115.2	4029	10.0	93433.5 -5151.0	4119	9.5	93959.7 -5140.7	4209	10.0	94450.9 -5155.6
3940	9.9	92932.3 -5128.7	4030	10.0	93434.7 -5137.1	4120	9.7	94000.0 -5102.5	4210	10.0	94456.1 -5154.8
3941	10.0	92938.7 -5139.6	4031	9.3	93435.6 -5103.4	4121	10.0	94000.4 -5143.0	4211	10.0	94459.6 -5133.1
3942	10.0	92945.2 -5131.2	4032	10.0	93440.0 -5144.7	4122	10.0	94001.9 -5158.0	4212	10.0	94502.4 -5151.0
3943	10.0	92948.2 -5125.0	4033	10.0	93440.8 -5110.6	4123	10.0	94006.2 -5136.8	4213	7.8	94506.5 -5132.9
3944	10.0	92949.7 -5127.6	4034	10.0	93444.5 -5143.9	4124	10.0	94011.3 -5157.7	4214	9.3	94509.1 -5117.4
3945	9.7	93005.0 -5103.7	4035	10.0	93445.2 -5120.4	4125	9.1	94013.0 -5142.0	4215	10.0	94510.5 -5157.9
3946	10.0	93011.7 -5115.5	4036	10.0	93451.7 -5123.5	4126	9.4	94014.8 -5113.0	4216	10.8	94516.1 -5110.8
3947	9.8	93011.9 -5116.6	4037	9.9	93500.4 -5106.6	4127	10.0	94017.1 -5124.3	4217	10.0	94520.3 -5159.9
3948	10.0	93012.8 -5159.3	4038	10.0	93505.9 -5125.7	4128	9.9	94026.9 -5101.1	4218	10.0	94526.0 -5103.4
3949	9.8	93013.1 -5110.7	4039	10.0	93519.3 -5129.4	4129	10.0	94041.7 -5155.0	4219	10.0	94528.6 -5121.9
3950	10.0	93015.8 -5123.7	4040	10.0	93522.0 -5106.2	4130	9.4	94043.6 -5147.0	4220	10.0	94531.0 -5114.8
3951	10.0	93024.8 -5102.4	4041	10.0	93526.9 -5158.4	4131	10.0	94045.4 -5113.6	4221	10.0	94538.7 -5125.0
3952	9.8	93026.0 -5121.0	4042	10.0	93530.4 -5135.3	4132	9.8	94046.9 -5138.0	4222	10.8	94541.1 -5132.0
3953	8.0	93029.7 -5128.0	4043	10.0	93530.9 -5131.2	4133	9.8	94048.2 -5118.0	4223	10.0	94542.2 -5147.8
3954	9.1	93032.3 -5136.2	4044	10.0	93536.8 -5101.6	4134	9.7	94051.7 -5141.8	4224	10.0	94547.3 -5135.0
3955	9.9	93038.1 -5141.0	4045	10.0	93542.0 -5105.4	4135	9.8	94056.7 -5126.0	4225	10.0	94554.5 -5144.3
3956	9.1	93041.4 -5120.7	4046	10.0	93542.6 -5155.6	4136	10.0	94102.9 -5150.7	4226	10.0	94554.9 -5137.6
3957	10.0	93044.3 -5103.5	4047	10.0	93544.7 -5104.6	4137	9.8	94105.7 -5148.0	4227	10.0	94600.6 -5147.4
3958	10.0	93045.2 -5159.6	4048	10.0	93545.0 -5151.1	4138	10.5	94114.4 -5144.3	4228	9.8	94601.3 -5122.0
3959	10.0	93053.2 -5138.7	4049	10.0	93549.7 -5158.8	4139	10.0	94118.5 -5155.8	4229	10.0	94603.1 -5146.7
3960	10.0	93055.6 -5139.9	4050	9.9	93553.2 -5145.3	4140	7.8	94118.8 -5142.5	4230	10.0	94607.6 -5128.8
3961	10.0	93100.2 -5122.2	4051	10.0	93556.9 -5159.3	4141	10.0	94120.8 -5154.3	4231	10.0	94609.1 -5101.3
3962	10.0	93106.5 -5105.4	4052	10.0	93600.4 -5157.6	4142	10.0	94122.2 -5154.0	4232	10.6	94609.6 -5136.5
3963	10.0	93108.4 -5123.6	4053	9.5	93600.8 -5135.4	4143	10.0	94123.7 -5150.0	4233	9.8	94617.2 -5156.4
3964	10.0	93111.8 -5147.6	4054	10.0	93605.4 -5133.6	4144	10.0	94126.8 -5104.2	4234	9.3	94618.2 -5134.8
3965	10.0	93113.1 -5135.6	4055	10.0	93607.0 -5103.6	4145	10.0	94127.8 -5152.7	4235	10.0	94620.5 -5154.6
3966	10.0	93114.0 -5120.5	4056	10.0	93608.6 -5127.1	4146	9.4	94131.8 -5108.6	4236	9.5	94624.1 -5115.5
3967	10.0	93115.2 -5155.7	4057	9.9	93610.8 -5100.6	4147	10.0	94139.3 -5137.2	4237	9.8	94626.4 -5153.3
3968	9.7	93118.3 -5106.7	4058	10.0	93613.5 -5103.1	4148	10.8	94141.9 -5107.7	4238	9.9	94628.5 -5109.3
3969	9.9	93120.2 -5130.1	4059	10.0	93613.9 -5128.0	4149	10.0	94142.1 -5156.5	4239	9.9	94632.4 -5136.8
3970	9.9	93126.3 -5119.6	4060	10.0	93615.0 -5126.5	4150	10.0	94144.6 -5104.3	4240	10.0	94633.6 -5110.1
3971	9.8	93135.7 -5107.7	4061	9.4	93626.4 -5143.6	4151	10.0	94153.1 -5137.6	4241	10.0	94638.5 -5158.0

-51 4242 9h46m

-51 4601 10h10m

4242	10.0	94643.1	-5149.8	4332	10.0	95145.5	-5142.8	4422	10.0	95730.8	-5126.3
4243	10.0	94645.4	-5108.8	4333	10.0	95150.5	-5158.2	4423	9.7	95732.2	-5144.8
4244	9.8	94649.1	-5151.8	4334	8.3	95204.6	-5114.4	4424	9.8	95752.4	-5153.0
4245	10.6	94649.6	-5120.2	4335	10.0	95209.8	-5154.5	4425	10.0	95755.8	-5114.6
4246	10.0	94650.1	-5141.5	4336	10.0	95210.8	-5133.3	4426	9.9	95758.6	-5114.1
4247	10.0	94651.1	-5149.8	4337	10.0	95230.1	-5118.0	4427	10.0	95800.3	-5129.0
4248	8.9	94652.4	-5121.3	4338	10.0	95238.9	-5153.2	4428	9.9	95816.2	-5106.6
4249	9.6	94656.2	-5122.8	4339	9.9	95243.7	-5140.3	4429	9.8	95816.6	-5159.4
4250	10.5	94703.1	-5141.6	4340	10.0	95244.7	-5123.0	4430	10.0	95817.7	-5157.6
4251	10.5	94704.1	-5147.7	4341	10.0	95257.0	-5155.6	4431	10.0	95822.7	-5152.6
4252	9.4	94706.2	-5116.4	4342	8.6	95258.5	-5119.3	4432	10.0	95827.7	-5148.0
4253	9.9	94708.8	-5143.1	4343	10.0	95303.4	-5131.1	4433	10.0	95828.1	-5129.6
4254	10.0	94712.0	-5119.0	4344	10.0	95309.1	-5122.1	4434	10.0	95829.5	-5101.2
4255	9.9	94722.1	-5125.5	4345	10.0	95311.7	-5136.7	4435	8.7	95830.8	-5127.3
4256	10.0	94726.7	-5157.3	4346	10.0	95317.0	-5127.1	4436	8.1	95832.2	-5126.7
4257	9.3	94728.4	-5146.8	4347	10.0	95320.5	-5141.2	4437	9.9	95832.7	-5139.6
4258	10.0	94729.3	-5123.0	4348	10.0	95322.1	-5144.9	4438	10.0	95853.8	-5149.1
4259	9.9	94739.6	-5115.1	4349	10.0	95323.6	-5100.3	4439	10.0	95855.2	-5141.8
4260	11.0	94742.6	-5107.9	4350	10.0	95323.8	-5141.9	4440	10.0	95908.7	-5146.4
4261	10.0	94743.3	-5112.1	4351	10.0	95325.6	-5150.1	4441	10.0	95908.9	-5144.6
4262	11.0	94745.5	-5109.2	4352	10.0	95325.8	-5158.7	4442	10.0	95919.0	-5157.6
4263	10.0	94750.1	-5100.5	4353	10.0	95328.0	-5157.8	4443	10.0	95927.2	-5105.4
4264	10.0	94757.8	-5148.1	4354	10.0	95329.7	-5147.3	4444	10.0	95928.6	-5150.8
4265	7.7	94805.0	-5107.3	4355	9.9	95331.9	-5134.1	4445	10.0	95937.0	-5153.2
4266	10.0	94807.4	-5104.7	4356	10.0	95338.7	-5120.7	4446	9.9	95938.4	-5124.6
4267	10.0	94813.0	-5150.6	4357	10.0	95338.9	-5131.1	4447	8.0	95947.3	-5111.7
4268	10.0	94814.2	-5153.8	4358	10.0	95340.0	-5120.4	4448	9.6	95956.3	-5107.9
4269	10.0	94817.1	-5136.0	4359	10.0	95355.6	-5111.1	4449	9.6	95957.0	-5126.7
4270	10.0	94820.6	-5116.3	4360	9.5	95358.6	-5116.0	4450	9.7	100004.2	-5113.6
4271	9.9	94823.0	-5145.7	4361	10.0	95400.5	-5146.3	4451	7.6	100013.8	-5125.1
4272	10.0	94829.4	-5127.6	4362	10.0	95411.3	-5153.3	4452	10.0	100014.0	-5135.8
4273	8.2	94830.6	-5131.4	4363	10.0	95413.5	-5155.5	4453	10.0	100027.4	-5157.1
4274	10.0	94830.8	-5133.0	4364	10.0	95413.9	-5158.3	4454	11.0	100027.4	-5136.1
4275	9.9	94833.8	-5114.0	4365	10.0	95415.5	-5121.9	4455	9.7	100028.5	-5156.1
4276	10.0	94833.9	-5152.3	4366	9.4	95415.6	-5113.9	4456	10.0	100030.1	-5158.8
4277	9.7	94838.3	-5120.4	4367	9.9	95416.0	-5149.0	4457	10.0	100038.3	-5130.8
4278	9.9	94840.2	-5103.8	4368	10.0	95416.7	-5106.4	4458	10.0	100045.2	-5106.7
4279	9.9	94842.9	-5158.9	4369	9.7	95418.2	-5156.6	4459	10.0	100047.6	-5151.2
4280	9.1	94843.4	-5129.1	4370	10.0	95419.9	-5147.0	4460	9.4	100049.3	-5101.4
4281	10.0	94847.6	-5137.3	4371	10.0	95424.3	-5137.4	4461	10.0	100049.5	-5113.4
4282	9.4	94847.8	-5117.1	4372	10.0	95426.3	-5141.9	4462	10.0	100050.5	-5155.0
4283	10.0	94849.1	-5131.2	4373	9.1	95430.4	-5139.6	4463	10.0	100050.8	-5157.8
4284	9.2	94854.1	-5108.8	4374	10.0	95434.6	-5123.8	4464	10.0	100051.9	-5154.6
4285	10.0	94855.1	-5131.8	4375	10.0	95436.2	-5154.6	4465	10.0	100059.3	-5133.4
4286	10.0	94859.6	-5123.0	4376	10.0	95436.4	-5113.5	4466	8.3	100107.0	-5147.9
4287	10.0	94902.1	-5134.6	4377	10.0	95436.9	-5149.4	4467	10.0	100110.0	-5103.3
4288	10.0	94903.8	-5155.0	4378	10.0	95440.3	-5148.9	4468	11.0	100115.8	-5116.2
4289	10.0	94906.1	-5108.0	4379	10.0	95441.0	-5112.8	4469	10.0	100121.9	-5124.8
4290	10.0	94911.6	-5126.9	4380	10.0	95442.5	-5100.9	4470	10.0	100124.4	-5128.1
4291	9.5	94918.5	-5102.6	4381	10.0	95443.4	-5152.1	4471	7.2	100128.0	-5134.8
4292	10.0	94921.3	-5155.8	4382	10.0	95446.3	-5139.6	4472	10.8	100133.8	-5108.9
4293	10.0	94921.8	-5138.6	4383	10.0	95450.5	-5121.4	4473	8.7	100139.8	-5126.9
4294	10.0	94926.5	-5131.2	4384	9.8	95451.4	-5107.6	4474	9.7	100145.5	-5139.8
4295	9.0	94936.9	-5110.0	4385	10.0	95452.9	-5154.3	4475	9.3	100148.8	-5151.3
4296	10.0	94938.1	-5130.0	4386	10.0	95457.4	-5143.0	4476	10.0	100149.3	-5116.9
4297	10.0	94938.8	-5124.5	4387	10.0	95458.8	-5134.7	4477	10.0	100157.1	-5158.1
4298	10.0	94941.5	-5104.7	4388	9.8	95509.9	-5152.6	4478	10.0	100159.6	-5149.7
4299	10.0	94941.8	-5117.2	4389	9.8	95511.7	-5126.8	4479	11.0	100200.5	-5115.8
4300	10.0	94950.2	-5152.0	4390	9.4	95513.9	-5114.9	4480	10.0	100202.3	-5120.7
4301	10.0	94952.7	-5128.0	4391	9.3	95520.8	-5158.4	4481	9.8	100205.4	-5136.4
4302	10.0	95003.7	-5147.7	4392	10.0	95521.2	-5134.3	4482	9.2	100215.4	-5142.4
4303	9.8	95009.0	-5156.4	4393	10.0	95523.2	-5149.3	4483	9.9	100219.0	-5158.6
4304	10.0	95009.2	-5158.2	4394	10.0	95528.3	-5151.6	4484	10.0	100220.6	-5112.7
4305	10.0	95011.5	-5100.1	4395	9.0	95531.5	-5156.6	4485	8.0	100230.2	-5155.7
4306	10.0	95012.2	-5134.0	4396	9.9	95532.7	-5144.6	4486	9.8	100245.6	-5105.1
4307	9.9	95017.0	-5130.0	4397	10.0	95541.5	-5114.6	4487	11.0	100246.5	-5106.5
4308	10.0	95020.2	-5158.7	4398	9.5	95541.8	-5106.4	4488	10.0	100246.9	-5132.1
4309	9.9	95024.8	-5156.5	4399	9.9	95542.9	-5136.8	4489	9.8	100258.7	-5139.0
4310	10.0	95027.6	-5124.1	4400	10.0	95549.7	-5133.8	4490	10.0	100259.2	-5125.8
4311	9.9	95029.3	-5120.9	4401	9.9	95550.1	-5155.1	4491	10.0	100302.9	-5149.4
4312	10.0	95035.7	-5122.7	4402	10.0	95554.8	-5146.7	4492	10.0	100305.8	-5148.6
4313	10.0	95042.5	-5138.0	4403	10.0	95559.6	-5113.4	4493	10.0	100306.3	-5103.0
4314	10.0	95043.6	-5112.4	4404	10.0	95610.5	-5146.8	4494	9.9	100309.7	-5124.8
4315	10.0	95043.8	-5135.2	4405	9.9	95610.8	-5131.8	4495	9.3	100337.2	-5108.6
4316	10.0	95046.4	-5119.8	4406	10.0	95612.2	-5148.3	4496	10.0	100341.6	-5100.4
4317	10.0	95046.6	-5155.0	4407	9.3	95614.7	-5106.0	4497	10.0	100345.9	-5151.1
4318	10.0	95048.2	-5149.0	4408	10.0	95621.0	-5116.7	4498	9.0	100350.7	-5107.6
4319	10.0	95058.0	-5157.5	4409	9.9	95622.2	-5103.5	4499	10.0	100351.3	-5139.6
4320	10.0	95107.1	-5116.7	4410	10.0	95623.7	-5139.1	4500	10.0	100353.0	-5149.8
4321	8.4	95107.9	-5142.7	4411	9.9	95624.2	-5105.0	4501	10.0	100356.3	-5111.0
4322	10.0	95109.6	-5153.2	4412	10.0	95647.4	-5104.8	4502	9.8	100359.8	-5108.6
4323	10.0	95112.0	-5132.7	4413	9.8	95703.1	-5103.0	4503	10.0	100400.1	-5146.4
4324	10.0	95119.1	-5137.4	4414	10.0	95703.7	-5157.4	4504	10.0	100406.4	-5151.6
4325	8.9	95122.9	-5142.0	4415	10.0	95704.5	-5139.0	4505	10.0	100408.3	-5156.5
4326	10.0	95124.9	-5105.2	4416	10.0	95709.4	-5112.5	4506	10.0	100411.8	-5151.8
4327	9.8	95126.5	-5159.2	4417	10.0	95710.6	-5157.2	4507	5.3	100412.6	-5111.8
4328	10.5	95129.3	-5142.0	4418	9.8	95712.0	-5109.4	4508	9.9	100414.9	-5113.9
4329	10.0	95141.8	-5149.0	4419	10.0	95715.7	-5159.0	4509	9.8	100416.9	-5131.8
4330	10.0	95144.4	-5128.2	4420	10.0	95718.9	-5126.3	4510	9.2	100418.3	-5144.1
4331	10.0	95144.6	-5110.2	4421	10.0	95723.0	-5119.4	4511	9.4	100422.5	-5130.4
4512	10.0	100426.2	-5149.8								
4513	10.0	100426.8	-5149.3								
4514	10.0	100429.0	-5102.4								
4515	9.4	100434.5	-5134.1								
4516	9.5	100437.8	-5134.1								
4517	10.0	100448.2	-5128.3								
4518	10.0	100454.4	-5101.6								
4519	10.0	100454.5	-5123.8								
4520	10.0	100458.8	-5147.3								
4521	10.0	100506.8	-5146.6								
4522	10.0	100510.8	-5129.7								
4523	10.0	100518.0	-5114.7								
4524	10.0	100521.8	-5141.6								
4525	10.0	100527.6	-5148.2								
4526	10.0	100529.5	-5101.7								
4527	10.0	100533.6	-5140.8								
4528	10.0	100535.3	-5144.6								
4529	10.0	100538.1	-5110.7								
4530	9.8	100540.1	-5128.8								
4531	9.7	100540.2	-5158.0								
4532	10.0	100544.0	-5120.1								
4533	9.4	100548.3	-5104.7								
4534	9.9	100554.5	-5128.8								
4535	10.0	100558.3	-5120.3								
4536	9.4	100600.6	-5106.2								
4537	10.0	100608.0	-5137.8								
4538	10.0	100608.3	-5133.7								
4539	10.0	100618.0	-5133.3								
4540	10.0	100619.3	-5128.8								
4541	9.0	100620.0	-5159.3								
4542	10.0	100622.7	-5151.3								
4543	10.0	100638.6	-5150.4								
4544	10.0	100649.5	-5155.6								
4545	10.0	100649.8	-5137.8								
4546	10.0	100649.9	-5148.8								
4547	10.0	100650.8	-5158.6								
4548	10.0	100658.7	-5124.6								
4549	10.0	100704.0	-5156.3								
4550	10.0	100704.9	-5153.1								
4551	9.7	100708.5	-5158.3								
4552	10.0	100718.4	-5145.1								
4553	10.0	100720.0	-5144.3								
4554	10.5	100720.1	-5122.2								
4555	10.0	100721.1	-5130.3								
4556	10.0	100721.7	-5109.9								
4557	9.7	100728.1	-5149.7								
4558	10.5	100730.1	-5122.2								
4559	9.8	100734.8	-5123.4								
4560	6.7	100738.3	-5132.8								
4561	9.3	100740.0	-5158.3								
4562	9.9	100740.6	-5130.9								
4563	9.9	100741.7	-5108.4								
4564	9.9	100751.0	-5146.7								
4565	9.8	100751.2	-5118.8								
4566	9.9	100753.6	-5155.5								
4567	10.0	100758.5	-5131.7								
4568	10.0	100802.8	-5126.1								
4569	10.0	100807.8	-5139.3								
4570	9.8	100812.4	-5148.3								
4571	10.0	100822.5	-5145.1								
4572	10.0	100823.5	-5142.1								
4573	9.8	100823.5	-5145.5								
4574	10.0	100824.4	-5106.0								
4575	9.9	100827.4	-5154.0								
4576	10.0	100831.1	-5100.4								
4577	10.0	100840.2	-5148.5								
4578	6.2	100840.7	-5108.2								
4579	10.0	100843.8	-5124.3								
4580	10.0	100844.4	-5116.4								
4581	9.5	100845.6	-5127.3								
4582	10.0	100848.5	-5154.1								
4583	10.0	100900.1	-5124.6								
4584	10.0	100902.1	-5128.9								
4585	10.0	100905.6	-5100.8								
4586	9.9	100914.0	-5126.5								
4587	10.0	100916.1	-5106.9								
4588	10.0	100920.8	-5152.8								
4589	10.0	100930.6	-5155.9								
4590	10.0	100935.7	-5127.1								
4591	10.0	100938.5	-5100.3								
4592	7.7	100939.8	-5111.4								
4593	10.0	100947.8	-5130.3								
4594	9.8	100949.6	-5122.4								
4595	10.0	101001.3	-5137.5								
4596	9.9	101004.4	-5154.3								
4597	10.0	101007.8	-5126.1								
4598	10.0	101019.0	-5101.1								
4599	10.0	101020.8	-5106.7								
4600	10.0	101024.6	-5113.4								
4601	10.0	101028.2	-5148.8								

-51 4602 10h10m

-51 4961 10h36m

4602	10.0	101034.9	-5134.1	4692	9.0	101619.8	-5136.4	4782	9.2	102314.8	-5125.2	4872	9.7	103015.4	-5145.3
4603	10.0	101039.0	-5111.1	4693	8.4	101625.3	-5106.7	4783	8.0	102322.1	-5155.5	4873	10.0	103017.5	-5155.2
4604	10.0	101041.5	-5126.4	4694	10.0	101630.1	-5134.1	4784	9.1	102322.3	-5103.8	4874	9.4	103020.4	-5117.2
4605	10.0	101043.2	-5141.3	4695	9.5	101630.5	-5106.0	4785	9.8	102333.5	-5131.4	4875	10.0	103022.4	-5125.5
4606	10.0	101044.0	-5102.5	4696	9.5	101631.1	-5111.9	4786	10.0	102336.1	-5159.0	4876	9.3	103025.3	-5120.3
4607	10.0	101050.0	-5125.3	4697	9.9	101633.8	-5104.4	4787	9.0	102337.0	-5108.7	4877	8.9	103027.7	-5124.6
4608	10.0	101055.6	-5138.8	4698	9.5	101637.0	-5107.3	4788	9.3	102339.8	-5142.4	4878	10.0	103028.3	-5146.4
4609	10.0	101059.0	-5147.3	4699	9.4	101638.0	-5103.7	4789	9.3	102342.1	-5111.2	4879	9.5	103033.7	-5102.6
4610	8.3	101102.6	-5134.8	4700	10.0	101638.6	-5150.8	4790	8.6	102351.4	-5145.2	4880	10.0	103037.9	-5155.8
4611	10.0	101103.6	-5104.2	4701	8.5	101641.6	-5124.0	4791	10.0	102406.8	-5122.8	4881	10.0	103040.6	-5115.9
4612	10.0	101115.9	-5132.1	4702	10.0	101653.1	-5112.2	4792	9.8	102418.8	-5121.7	4882	8.5	103100.5	-5113.2
4613	9.9	101118.2	-5117.6	4703	10.0	101653.5	-5139.4	4793	10.0	102423.1	-5143.6	4883	10.0	103102.0	-5114.7
4614	9.9	101122.2	-5145.5	4704	9.7	101655.9	-5108.8	4794	10.0	102428.9	-5125.2	4884	10.0	103106.9	-5111.2
4615	10.0	101125.1	-5148.3	4705	9.9	101657.5	-5144.6	4795	10.0	102429.2	-5139.2	4885	10.0	103113.4	-5137.8
4616	10.0	101132.8	-5151.2	4706	10.0	101704.5	-5118.9	4796	10.0	102429.2	-5101.9	4886	10.0	103113.6	-5119.4
4617	10.0	101137.6	-5127.8	4707	10.0	101704.7	-5115.1	4797	10.0	102435.7	-5146.2	4887	10.0	103117.8	-5109.7
4618	10.0	101138.7	-5139.5	4708	10.0	101704.7	-5157.0	4798	9.5	102441.5	-5126.4	4888	10.0	103119.4	-5143.8
4619	10.0	101140.0	-5150.5	4709	10.0	101705.0	-5159.2	4799	8.8	102444.6	-5110.4	4889	10.0	103122.4	-5127.8
4620	10.0	101140.3	-5111.7	4710	10.0	101713.3	-5108.9	4800	10.0	102448.4	-5125.4	4890	9.8	103123.2	-5136.2
4621	9.5	101150.4	-5116.9	4711	10.0	101725.3	-5134.0	4801	10.0	102453.9	-5102.7	4891	10.0	103125.5	-5129.0
4622	9.7	101154.2	-5117.5	4712	10.0	101727.2	-5141.1	4802	10.0	102457.3	-5144.6	4892	10.0	103126.1	-5148.7
4623	10.0	101159.2	-5147.1	4713	10.0	101728.3	-5140.2	4803	10.0	102457.4	-5136.1	4893	9.9	103128.8	-5107.7
4624	10.0	101201.3	-5127.6	4714	10.0	101731.2	-5118.3	4804	10.0	102504.8	-5155.7	4894	9.4	103129.1	-5127.2
4625	10.0	101211.8	-5131.1	4715	9.8	101732.1	-5125.1	4805	10.0	102506.9	-5156.1	4895	9.8	103130.6	-5139.3
4626	10.0	101213.1	-5152.4	4716	10.0	101732.2	-5127.0	4806	10.0	102508.8	-5142.8	4896	10.0	103131.9	-5113.6
4627	10.0	101218.6	-5158.3	4717	10.0	101744.2	-5125.2	4807	9.6	102513.0	-5145.4	4897	10.0	103145.2	-5155.6
4628	9.9	101221.0	-5152.0	4718	10.0	101746.1	-5118.4	4808	9.9	102525.4	-5131.8	4898	10.0	103145.7	-5136.9
4629	10.0	101221.3	-5149.8	4719	10.0	101748.7	-5117.1	4809	10.0	102545.2	-5111.9	4899	10.0	103149.9	-5140.4
4630	10.0	101230.9	-5145.1	4720	9.1	101757.3	-5149.4	4810	10.0	102546.6	-5136.2	4900	10.0	103204.1	-5120.4
4631	10.0	101235.6	-5104.9	4721	9.4	101758.1	-5130.1	4811	9.4	102547.4	-5131.8	4901	10.0	103208.3	-5127.3
4632	9.4	101238.3	-5127.5	4722	9.8	101759.2	-5114.9	4812	10.0	102605.4	-5155.0	4902	8.9	103211.4	-5107.2
4633	9.7	101243.6	-5126.8	4723	9.7	101808.5	-5107.1	4813	10.0	102607.8	-5119.1	4903	8.9	103215.8	-5109.8
4634	10.0	101244.2	-5151.3	4724	10.0	101812.8	-5107.7	4814	10.0	102613.4	-5157.2	4904	10.0	103221.4	-5107.9
4635	10.0	101248.0	-5153.8	4725	10.0	101818.0	-5151.0	4815	10.0	102613.8	-5114.2	4905	10.0	103231.7	-5146.6
4636	10.0	101302.4	-5113.9	4726	9.9	101822.2	-5102.8	4816	9.5	102615.8	-5114.4	4906	10.0	103245.8	-5106.0
4637	8.9	101306.3	-5103.0	4727	9.4	101826.5	-5151.1	4817	10.0	102622.8	-5131.1	4907	9.8	103249.0	-5157.8
4638	8.4	101307.8	-5119.2	4728	9.9	101832.1	-5120.1	4818	10.0	102625.1	-5139.8	4908	10.0	103249.6	-5110.7
4639	10.0	101308.1	-5158.0	4729	9.9	101832.5	-5113.4	4819	10.0	102628.3	-5141.0	4909	10.0	103250.4	-5120.1
4640	10.0	101310.9	-5145.5	4730	10.0	101835.4	-5109.1	4820	9.9	102630.5	-5112.9	4910	10.0	103255.2	-5128.2
4641	10.0	101314.5	-5145.4	4731	10.0	101845.7	-5136.8	4821	10.0	102630.8	-5144.6	4911	10.0	103257.7	-5132.5
4642	10.6	101317.6	-5110.2	4732	10.0	101847.8	-5117.7	4822	9.9	102637.9	-5157.8	4912	10.0	103258.0	-5106.9
4643	10.0	101317.8	-5147.3	4733	9.4	101853.6	-5137.1	4823	10.0	102640.4	-5148.0	4913	10.0	103258.8	-5158.8
4644	10.0	101319.9	-5150.3	4734	10.0	101900.8	-5154.2	4824	9.5	102648.6	-5121.8	4914	10.0	103300.5	-5134.8
4645	10.0	101320.1	-5157.2	4735	9.6	101901.8	-5139.1	4825	7.8	102650.4	-5135.4	4915	10.0	103310.3	-5141.8
4646	10.0	101320.8	-5113.1	4736	10.0	101911.4	-5157.1	4826	10.0	102657.0	-5121.7	4916	10.0	103316.2	-5159.2
4647	10.0	101325.9	-5130.8	4737	9.4	101912.5	-5125.7	4827	10.0	102657.2	-5142.0	4917	9.9	103317.7	-5118.5
4648	10.0	101326.5	-5117.1	4738	10.0	101914.6	-5118.1	4828	10.0	102659.7	-5153.0	4918	9.4	103319.1	-5150.5
4649	10.0	101327.8	-5104.3	4739	9.7	101927.6	-5123.9	4829	10.0	102659.7	-5109.0	4919	10.0	103320.8	-5108.6
4650	10.0	101329.5	-5146.5	4740	9.6	101930.4	-5131.8	4830	10.0	102705.4	-5109.6	4920	10.0	103325.7	-5101.5
4651	8.0	101331.2	-5142.3	4741	9.3	101932.2	-5104.7	4831	10.0	102729.8	-5124.1	4921	10.0	103327.8	-5105.8
4652	8.3	101342.0	-5107.2	4742	10.0	101935.2	-5152.2	4832	10.0	102733.7	-5134.1	4922	10.0	103328.8	-5141.4
4653	10.0	101342.9	-5102.4	4743	10.0	101936.0	-5151.4	4833	9.8	102738.7	-5139.1	4923	10.0	103332.0	-5113.8
4654	9.9	101348.1	-5114.9	4744	8.9	101946.8	-5110.1	4834	10.0	102739.0	-5113.6	4924	10.0	103336.1	-5115.6
4655	10.0	101401.2	-5126.0	4745	9.8	101956.6	-5114.0	4835	8.9	102742.1	-5123.0	4925	10.0	103339.6	-5153.4
4656	9.5	101409.0	-5134.0	4746	8.1	101958.5	-5154.8	4836	10.0	102747.8	-5114.9	4926	10.0	103347.3	-5108.3
4657	10.0	101411.6	-5134.8	4747	9.9	102003.5	-5125.1	4837	10.0	102749.0	-5141.6	4927	9.7	103349.8	-5147.5
4658	10.0	101412.3	-5111.8	4748	10.0	102019.2	-5106.2	4838	9.9	102756.0	-5123.6	4928	10.0	103359.4	-5124.5
4659	10.0	101413.8	-5102.4	4749	7.9	102021.6	-5156.0	4839	10.0	102805.5	-5144.0	4929	10.0	103359.5	-5134.1
4660	10.0	101416.4	-5110.1	4750	10.0	102029.9	-5118.1	4840	10.0	102806.3	-5119.4	4930	9.9	103359.6	-5128.3
4661	10.0	101420.8	-5101.2	4751	10.0	102034.6	-5104.0	4841	10.0	102818.0	-5152.6	4931	10.0	103404.6	-5154.0
4662	9.7	101428.4	-5111.5	4752	9.6	102034.8	-5125.0	4842	10.0	102821.3	-5122.5	4932	10.0	103414.6	-5151.1
4663	10.0	101432.6	-5137.2	4753	9.4	102037.8	-5132.2	4843	10.0	102825.9	-5120.3	4933	9.9	103420.5	-5152.5
4664	10.0	101444.4	-5138.8	4754	10.0	102039.5	-5133.2	4844	10.0	102828.3	-5130.9	4934	10.0	103422.3	-5147.1
4665	10.0	101447.8	-5104.5	4755	10.0	102041.5	-5144.0	4845	9.5	102842.3	-5139.9	4935	10.0	103423.2	-5141.2
4666	9.8	101456.0	-5124.4	4756	10.0	102042.8	-5116.9	4846	10.0	102843.3	-5123.4	4936	10.0	103428.1	-5131.5
4667	10.0	101459.9	-5148.8	4757	9.6	102049.3	-5124.6	4847	10.0	102852.0	-5124.8	4937	9.9	103446.7	-5148.4
4668	10.0	101508.7	-5105.2	4758	9.9	102054.8	-5113.5	4848	9.9	102858.7	-5120.0	4938	7.2	103449.8	-5137.9
4669	10.2	101510.8	-5117.9	4759	9.8	102058.4	-5109.4	4849	9.7	102859.3	-5111.9	4939	10.0	103452.3	-5135.8
4670	9.7	101513.3	-5111.8	4760	10.0	102059.7	-5128.2	4850	9.4	102902.5	-5132.1	4940	9.9	103457.0	-5116.0
4671	9.9	101514.2	-5137.4	4761	10.0	102102.8	-5137.7	4851	10.0	102903.6	-5113.2	4941	10.0	103459.0	-5158.6
4672	10.0	101520.4	-5110.4	4762	10.0	102112.3	-5145.1	4852	10.0	102903.8	-5145.0	4942	9.9	103501.9	-5152.0
4673	7.7	101521.1	-5158.4	4763	10.0	102117.4	-5104.5	4853	8.7	102906.5	-5151.1	4943	9.8	103509.5	-5101.4
4674	8.4	101521.5	-5134.1	4764	10.0	102119.2	-5101.5	4854	10.0	102918.6	-5123.3	4944	10.0	103515.2	-5129.8
4675	9.9	101523.6	-5131.5	4765	10.0	102130.4	-5127.4	4855	8.9	102921.5	-5103.7	4945	9.3	103516.1	-5132.8
4676	9.9	101526.2	-5116.2	4766	10.0	102135.5	-5137.7	4856	10.0	102923.9	-5159.9	4946	9.3	103517.6	-5142.4
4677	10.0	101528.9	-5116.3	4767	10.0	102137.8	-5105.5	4857	9.8	102925.8	-5157.3	4947	10.0	103525.9	-5129.5
4678	9.2	101538.8	-5125.0	4768	10.0	102151.3	-5129.2	4858	10.0	102926.8	-5139.6	4948	10.0	103528.6	-5142.3
4679	9.2	101541.4	-5150.0	4769	9.0	102157.5	-5159.4	4859	10.0	102942.6	-5113.5	4949	9.9	103536.4	-5149.3
4680	8.6	101547.9	-5102.5	4770	9.8	102159.6	-5126.7	4860	10.0	102949.8	-5116.9	4950	10.0	103537.2	-5137.1
4681	9.8	101552.8	-5125.0	4771	10.0	102201.2	-5122.4	4861	10.0	102952.7	-5149.1	4951	9.1	103539.9	-5109.1
4682	10.0	101557.0	-5117.4	4772	10.0	102201.7	-5146.4	4862	9.5	102955.4	-5132.8	4952	9.8	103542.8	-5140.8
4683	9.1	101600.2	-5138.6	4773	10.0	102203.0	-5158.4	4863	9.5	102955.8	-5100.7	4953	9.4	103543.9	-5142.8
4684	9.3	101600.9	-5122.4	4774	10.0	102212.6	-5145.2	4864	10.0	102956.9	-5135.8	4954	10.0	103545.6	-5134.4
4685	9.3	101601.2	-5114.1	4775	9.9	102224.8	-5103.8	4865	10.0	102958.6	-5124.0	4955	9.9	103549.5	-5151.8
4686	9.5	101602.6	-5112.0	4776	9.4	102231.6	-5148.8	4866	10.0	102959.5	-5153.5	4956	8.8	103552.6	-5125.8
4687	10.0	101608.6	-5152.0	4777	10.0	102237.7	-5120.8	4867	10.0	103000.5	-5111.9	4957	10.0	103609.9	-5133.9
4688	10.0	101613.3	-5137.4	4778	10.0	102252.8	-5110.1	4868	9.2	103004.3	-5117.5	4958	9.8	103610.0	-5100.6
4689	9.9	101616.4	-5153.3	4779	10.0	102254.4	-5156.1	4869	9.9	103005.8	-5129.6	4959	9.9	103618.6	-5156.4
4690	8.7	101617.2	-5107.3	4780	10.0	102255.5	-5116.7	4870	8.9	103013.2	-5116.6	4960	10.0	103618.9	-5154.4
4691	8.6	101619.5	-5105.4	4781	10.0	102301.4	-5120.4	4871	10.0	103015.2	-5128.8	4961	10.0	103624.6	-5117.0

-51 4962 10h36m

-51 5321 11h00m

4962	10.0	103630.3	-5102.5	5052	9.6	104237.0	-5137.2	5142	10.0	104912.6	-5116.2	5232	10.0	105528.9	-5131.1
4963	10.0	103639.8	-5106.6	5053	7.2	104239.9	-5135.1	5143	9.8	104915.6	-5157.8	5233	8.3	105540.6	-5132.2
4964	10.0	103645.6	-5114.2	5054	10.0	104240.0	-5155.7	5144	10.0	104921.0	-5105.0	5234	10.0	105545.1	-5123.8
4965	10.0	103646.8	-5154.8	5055	10.0	104242.3	-5104.8	5145	9.9	104922.5	-5121.1	5235	9.7	105546.0	-5111.9
4966	10.0	103651.3	-5154.9	5056	9.6	104242.4	-5120.0	5146	9.7	104927.7	-5153.9	5236	10.0	105602.6	-5121.0
4967	10.0	103658.6	-5150.2	5057	10.0	104242.7	-5159.0	5147	10.0	104930.0	-5140.1	5237	10.0	105603.7	-5128.3
4968	9.4	103701.7	-5137.0	5058	9.0	104248.6	-5140.4	5148	9.3	104930.7	-5153.3	5238	10.0	105609.5	-5130.3
4969	10.0	103702.8	-5117.6	5059	8.9	104256.2	-5138.6	5149	9.5	104944.0	-5154.3	5239	10.0	105613.4	-5108.9
4970	9.3	103713.5	-5132.5	5060	9.9	104258.8	-5112.4	5150	10.0	104948.5	-5106.2	5240	9.9	105614.5	-5132.9
4971	9.9	103715.5	-5135.9	5061	10.0	104300.0	-5101.8	5151	7.7	104956.3	-5159.3	5241	9.9	105618.5	-5145.0
4972	9.7	103719.2	-5155.5	5062	9.9	104301.5	-5116.8	5152	10.0	104957.0	-5136.9	5242	9.8	105622.0	-5132.7
4973	9.4	103724.4	-5150.8	5063	8.3	104304.8	-5107.8	5153	10.0	105002.1	-5152.0	5243	10.0	105622.1	-5134.6
4974	8.7	103726.1	-5118.3	5064	10.0	104305.0	-5140.8	5154	9.6	105003.0	-5107.0	5244	9.9	105625.8	-5116.2
4975	10.0	103733.8	-5150.2	5065	9.3	104312.0	-5149.1	5155	10.0	105004.6	-5149.6	5245	10.0	105629.1	-5120.8
4976	10.0	103740.9	-5159.5	5066	10.0	104314.4	-5156.6	5156	10.0	105022.6	-5144.8	5246	10.0	105631.1	-5142.6
4977	10.0	103741.9	-5125.1	5067	9.9	104334.9	-5120.2	5157	10.0	105024.6	-5144.5	5247	10.0	105642.4	-5147.3
4978	10.0	103750.8	-5124.5	5068	10.0	104335.1	-5133.3	5158	10.0	105025.0	-5122.0	5248	10.0	105644.8	-5151.0
4979	10.0	103751.7	-5101.9	5069	10.0	104337.1	-5140.6	5159	10.0	105029.1	-5144.0	5249	10.0	105651.0	-5102.5
4980	10.0	103757.6	-5108.5	5070	10.0	104348.6	-5137.7	5160	10.0	105030.0	-5125.8	5250	10.0	105652.3	-5114.0
4981	10.0	103800.5	-5100.8	5071	10.0	104358.6	-5128.8	5161	9.9	105030.5	-5124.5	5251	10.0	105658.9	-5145.0
4982	10.0	103815.3	-5110.0	5072	10.0	104359.6	-5125.9	5162	10.0	105030.6	-5111.9	5252	10.0	105703.2	-5101.2
4983	10.0	103817.4	-5111.2	5073	9.8	104400.4	-5130.1	5163	10.0	105036.6	-5159.3	5253	10.0	105703.2	-5125.0
4984	10.0	103827.0	-5151.3	5074	10.0	104407.4	-5116.0	5164	10.0	105045.6	-5114.6	5254	9.9	105705.2	-5146.9
4985	10.0	103837.0	-5147.8	5075	9.9	104408.8	-5157.3	5165	10.0	105047.9	-5141.2	5255	10.0	105707.5	-5153.9
4986	9.8	103843.3	-5131.5	5076	8.3	104413.6	-5101.3	5166	10.0	105049.1	-5129.2	5256	10.0	105708.2	-5112.8
4987	10.0	103843.4	-5138.5	5077	9.9	104420.0	-5119.0	5167	10.0	105049.1	-5140.7	5257	10.0	105708.2	-5128.7
4988	7.5	103856.7	-5116.0	5078	10.0	104433.9	-5121.3	5168	8.3	105052.3	-5155.7	5258	10.0	105708.8	-5124.8
4989	10.0	103857.2	-5128.2	5079	9.8	104437.6	-5138.2	5169	10.0	105057.7	-5127.5	5259	10.0	105711.0	-5143.1
4990	9.1	103857.5	-5110.9	5080	9.9	104441.2	-5156.6	5170	10.0	105059.8	-5129.2	5260	9.9	105712.3	-5117.8
4991	8.9	103857.6	-5132.0	5081	9.3	104444.8	-5138.3	5171	10.0	105102.1	-5119.5	5261	10.0	105713.2	-5107.8
4992	9.9	103859.9	-5141.3	5082	10.0	104447.6	-5111.2	5172	10.0	105104.7	-5124.5	5262	10.0	105717.7	-5109.9
4993	10.0	103902.4	-5116.1	5083	9.6	104447.8	-5128.5	5173	9.9	105107.2	-5136.1	5263	10.0	105720.5	-5145.7
4994	9.8	103904.9	-5101.6	5084	9.7	104447.9	-5141.3	5174	10.0	105121.9	-5156.9	5264	10.0	105720.5	-5131.9
4995	9.9	103905.6	-5129.3	5085	9.8	104448.9	-5110.2	5175	10.0	105124.1	-5145.8	5265	9.8	105723.5	-5143.9
4996	9.3	103911.2	-5118.5	5086	9.8	104502.5	-5145.1	5176	10.0	105136.0	-5137.3	5266	10.0	105726.2	-5118.8
4997	9.6	103911.5	-5142.1	5087	10.0	104512.9	-5128.9	5177	10.0	105140.7	-5101.5	5267	10.0	105728.8	-5141.9
4998	9.9	103914.1	-5121.8	5088	10.0	104517.9	-5143.1	5178	9.9	105140.8	-5114.4	5268	10.0	105730.8	-5109.3
4999	10.0	103923.1	-5141.2	5089	9.9	104526.0	-5128.9	5179	10.0	105141.1	-5129.6	5269	10.0	105731.9	-5132.4
5000	9.9	103934.0	-5118.8	5090	10.0	104529.0	-5110.0	5180	10.0	105143.7	-5145.1	5270	10.0	105733.9	-5117.0
5001	10.0	103934.3	-5127.1	5091	8.1	104532.2	-5148.4	5181	10.0	105153.8	-5156.3	5271	9.6	105740.5	-5155.7
5002	9.9	103937.9	-5149.4	5092	10.0	104536.2	-5129.6	5182	10.0	105155.0	-5142.4	5272	9.6	105746.9	-5151.9
5003	9.8	103946.8	-5115.2	5093	10.0	104543.3	-5132.6	5183	8.9	105159.0	-5109.8	5273	9.8	105749.6	-5124.3
5004	9.8	103947.1	-5139.6	5094	9.8	104549.3	-5140.1	5184	9.8	105201.4	-5100.8	5274	10.0	105759.8	-5110.0
5005	10.0	103947.1	-5157.2	5095	9.9	104552.5	-5104.2	5185	10.0	105205.4	-5153.4	5275	10.0	105806.2	-5109.8
5006	10.0	103947.4	-5137.8	5096	9.9	104556.0	-5107.2	5186	10.0	105206.5	-5152.5	5276	9.5	105810.4	-5120.6
5007	10.0	103948.1	-5125.9	5097	9.9	104558.9	-5118.8	5187	9.7	105220.1	-5123.3	5277	10.0	105811.0	-5116.8
5008	10.0	103955.5	-5123.9	5098	9.9	104600.0	-5136.1	5188	10.0	105222.6	-5108.0	5278	10.0	105812.3	-5123.5
5009	10.0	104000.8	-5100.5	5099	9.5	104602.6	-5110.0	5189	10.0	105223.9	-5130.6	5279	8.8	105816.1	-5125.6
5010	10.0	104005.4	-5137.2	5100	9.8	104606.6	-5111.7	5190	9.7	105224.0	-5124.0	5280	10.0	105821.8	-5101.8
5011	10.0	104006.6	-5104.6	5101	10.0	104610.6	-5125.2	5191	10.0	105224.6	-5154.6	5281	10.0	105832.5	-5136.6
5012	9.7	104009.6	-5111.8	5102	10.0	104610.9	-5151.0	5192	9.6	105226.7	-5117.2	5282	10.0	105834.2	-5111.2
5013	9.8	104012.1	-5145.0	5103	9.6	104616.0	-5104.5	5193	9.9	105231.0	-5153.6	5283	10.0	105835.6	-5149.6
5014	10.0	104014.4	-5114.2	5104	9.9	104618.6	-5106.2	5194	10.0	105243.4	-5157.9	5284	9.9	105839.4	-5120.9
5015	10.0	104021.8	-5103.4	5105	8.1	104631.0	-5143.3	5195	10.0	105248.8	-5125.5	5285	9.1	105840.9	-5147.9
5016	9.8	104036.9	-5152.1	5106	8.5	104646.1	-5102.8	5196	8.9	105301.8	-5128.7	5286	8.3	105841.4	-5102.9
5017	10.0	104050.4	-5114.9	5107	10.0	104649.8	-5145.7	5197	9.4	105304.5	-5117.0	5287	10.0	105843.3	-5100.3
5018	10.0	104053.1	-5128.6	5108	9.5	104651.2	-5106.2	5198	10.0	105307.9	-5111.7	5288	9.9	105845.8	-5148.9
5019	9.4	104059.7	-5120.2	5109	10.0	104651.4	-5116.2	5199	10.0	105310.0	-5142.0	5289	10.0	105851.0	-5130.9
5020	9.0	104101.2	-5134.0	5110	8.7	104657.5	-5131.6	5200	8.8	105313.1	-5122.9	5290	10.0	105858.5	-5156.6
5021	9.2	104102.6	-5115.9	5111	7.8	104658.1	-5108.2	5201	9.9	105316.9	-5120.6	5291	10.0	105859.2	-5114.0
5022	10.0	104103.2	-5150.4	5112	9.6	104700.0	-5107.4	5202	9.8	105325.7	-5142.4	5292	10.0	105859.3	-5124.4
5023	9.6	104104.0	-5118.6	5113	10.0	104701.0	-5126.4	5203	10.0	105327.1	-5101.2	5293	10.0	105901.5	-5153.8
5024	10.0	104107.8	-5151.8	5114	10.0	104708.0	-5140.1	5204	10.0	105336.8	-5125.0	5294	10.0	105902.8	-5152.8
5025	10.0	104109.0	-5153.0	5115	10.0	104713.8	-5154.0	5205	10.0	105342.7	-5106.0	5295	9.2	105904.1	-5146.9
5026	9.9	104113.9	-5130.5	5116	10.0	104717.8	-5125.8	5206	9.8	105353.8	-5146.3	5296	10.0	105904.5	-5112.6
5027	10.0	104118.4	-5144.8	5117	10.0	104720.4	-5151.6	5207	9.8	105356.8	-5125.9	5297	10.0	105912.9	-5123.1
5028	10.0	104126.7	-5120.5	5118	10.0	104721.6	-5152.6	5208	9.9	105357.5	-5140.9	5298	10.0	105914.3	-5119.3
5029	10.0	104128.2	-5102.0	5119	9.7	104725.7	-5148.1	5209	10.0	105405.1	-5158.4	5299	10.0	1059.7.9	-5135.4
5030	10.0	104131.0	-5158.8	5120	10.0	104725.9	-5135.1	5210	9.8	105407.2	-5149.9	5300	9.9	105920.7	-5125.8
5031	9.9	104131.2	-5108.5	5121	10.0	104729.8	-5146.2	5211	9.9	105409.7	-5124.3	5301	10.0	105924.5	-5110.1
5032	10.0	104135.4	-5150.6	5122	10.0	104739.2	-5134.5	5212	9.8	105412.0	-5124.5	5302	10.0	105928.8	-5100.7
5033	10.0	104135.5	-5103.9	5123	10.0	104740.6	-5115.4	5213	9.4	105426.4	-5122.9	5303	9.3	105936.8	-5134.0
5034	9.9	104138.0	-5134.8	5124	10.0	104742.2	-5132.1	5214	9.8	105431.8	-5147.9	5304	9.8	105937.0	-5100.2
5035	9.8	104140.7	-5157.5	5125	10.0	104758.5	-5123.5	5215	10.0	105436.5	-5124.6	5305	10.0	105939.8	-5107.3
5036	10.0	104142.5	-5151.0	5126	8.5	104758.9	-5107.6	5216	10.0	105438.0	-5125.5	5306	10.0	105940.5	-5121.8
5037	10.0	104145.8	-5146.8	5127	10.0	104805.0	-5154.4	5217	9.9	105439.3	-5149.0	5307	9.8	105946.0	-5122.5
5038	10.0	104146.2	-5159.0	5128	10.0	104809.9	-5119.8	5218	9.8	105440.3	-5134.3	5308	9.3	105948.3	-5142.8
5039	8.7	104154.8	-5118.6	5129	10.0	104811.0	-5122.1	5219	9.8	105440.5	-5101.1	5309	10.0	105949.9	-5128.6
5040	9.4	104202.6	-5129.0	5130	8.0	104813.6	-5140.7	5220	6.5	105441.9	-5108.9	5310	9.7	105951.3	-5134.4
5041	10.0	104204.7	-5143.8	5131	10.0	104823.6	-5111.0	5221	10.0	105444.0	-5132.3	5311	9.7	105956.0	-5122.1
5042	10.0	104204.8	-5139.6	5132	10.0	104825.0	-5125.6	5222	9.9	105448.4	-5123.3	5312	10.0	105959.6	-5136.8
5043	9.9	104205.5	-5122.8	5133	9.8	104828.1	-5128.6	5223	10.0	105458.7	-5106.2	5313	10.0	105959.6	-5122.5
5044	10.0	104213.8	-5125.3	5134	9.9	104832.2	-5124.5	5224	10.0	105500.2	-5114.0	5314	9.2	110012.4	-5112.9
5045	10.0	104221.6	-5144.1	5135	10.0	104835.5	-5146.8	5225	8.0	105506.1	-5116.6	5315	10.0	110014.3	-5124.2
5046	9.9	104224.6	-5117.8	5136	10.0	104837.8	-5151.6	5226	10.0	105507.0	-5112.5	5316	10.0	110022.2	-5149.8
5047	10.0	104226.4	-5133.1	5137	10.0	104837.9	-5158.6	5227	9.6	105510.3	-5113.9	5317	10.0	110026.2	-5120.3
5048	10.0	104226.7	-5115.0	5138	10.0	104838.2	-5155.3	5228	10.0	105517.5	-5154.4	5318	9.8	110030.0	-5140.9
5049	10.0	104231.0	-5140.5	5139	10.0	104843.9	-5120.0	5229	10.0	105519.0	-5150.9	5319	9.7	110031.0	-5115.9
5050	9.8	104233.9	-5129.8	5140	9.2	104844.0	-5148.3	5230	7.2	105522.6	-5124.4	5320	10.0	110036.0	-5156.1
5051	9.1	104235.9	-5152.5	5141	9.3	104849.4	-5121.0	5231	10.0	105523.8	-5106.3	5321	10.0	110038.0	-5142.1

-51 5322 11h00m

-51 5681 11h19m

5322	9.5	110043.3	-5125.9	5412	10.0	110522.0	-5113.5	5502	9.8	110951.9	-5131.4
5323	9.8	110047.8	-5133.0	5413	10.0	110525.9	-5109.6	5503	10.0	110953.0	-5118.0
5324	10.0	110049.6	-5151.1	5414	10.0	110530.9	-5101.5	5504	10.0	110955.6	-5118.5
5325	10.0	110050.1	-5154.4	5415	9.2	110533.8	-5159.0	5505	9.9	111008.3	-5128.0
5326	10.0	110051.8	-5124.9	5416	10.0	110542.0	-5132.0	5506	9.7	111008.6	-5155.9
5327	10.0	110058.4	-5155.6	5417	9.8	110543.6	-5105.3	5507	9.9	111012.5	-5127.5
5328	10.0	110059.4	-5125.6	5418	10.0	110546.0	-5107.2	5508	8.9	111014.0	-5118.3
5329	10.0	110100.4	-5107.0	5419	10.0	110546.7	-5139.2	5509	9.9	111018.6	-5130.4
5330	10.0	110104.6	-5139.9	5420	10.0	110547.4	-5100.0	5510	10.0	111019.0	-5151.1
5331	10.0	110105.3	-5130.9	5421	8.4	110549.8	-5159.2	5511	10.0	111020.8	-5102.2
5332	10.0	110105.6	-5125.9	5422	10.0	110550.4	-5116.4	5512	10.0	111022.6	-5134.2
5333	10.0	110108.6	-5121.1	5423	10.0	110552.5	-5143.4	5513	9.8	111023.6	-5118.8
5334	10.0	110109.6	-5119.2	5424	10.0	110553.5	-5129.1	5514	10.0	111027.9	-5157.4
5335	10.0	110110.7	-5103.0	5425	10.0	110555.0	-5126.6	5515	10.0	111037.7	-5145.9
5336	10.0	110119.5	-5136.3	5426	9.9	110559.6	-5112.0	5516	10.0	111037.9	-5131.6
5337	9.9	110121.1	-5114.8	5427	10.0	110604.5	-5129.9	5517	10.0	111039.7	-5153.0
5338	10.0	110126.2	-5124.6	5428	10.0	110605.5	-5109.8	5518	10.0	111041.4	-5140.0
5339	9.1	110130.2	-5114.9	5429	9.9	110606.4	-5105.8	5519	10.0	111048.9	-5133.7
5340	10.0	110131.0	-5146.4	5430	9.9	110619.1	-5113.0	5520	10.0	111051.6	-5136.4
5341	10.0	110133.0	-5102.2	5431	10.0	110619.2	-5148.3	5521	10.0	111053.6	-5116.8
5342	10.0	110137.9	-5151.5	5432	10.0	110619.7	-5103.0	5522	9.6	111056.2	-5137.6
5343	10.0	110140.8	-5156.3	5433	10.0	110623.0	-5118.3	5523	10.0	111056.8	-5150.7
5344	10.0	110144.6	-5114.3	5434	10.0	110625.3	-5125.7	5524	9.8	111056.9	-5121.3
5345	10.0	110147.0	-5112.8	5435	9.2	110629.0	-5149.5	5525	10.0	111059.2	-5135.3
5346	10.0	110200.1	-5145.9	5436	10.0	110629.4	-5125.5	5526	10.0	111059.7	-5127.2
5347	10.0	110202.4	-5159.6	5437	10.0	110629.6	-5122.7	5527	8.8	111102.0	-5112.2
5348	10.0	110207.3	-5155.0	5438	10.0	110630.6	-5159.2	5528	10.0	111110.6	-5117.3
5349	10.0	110222.3	-5157.7	5439	9.9	110635.2	-5143.3	5529	10.0	111111.0	-5145.6
5350	10.0	110229.0	-5101.9	5440	9.0	110636.0	-5159.0	5530	9.9	111111.5	-5151.0
5351	9.9	110229.8	-5104.0	5441	10.0	110639.0	-5147.4	5531	10.0	111111.6	-5108.0
5352	10.0	110237.0	-5141.4	5442	10.0	110640.0	-5128.0	5532	9.4	111118.8	-5134.0
5353	10.0	110237.3	-5121.8	5443	9.9	110641.1	-5133.2	5533	8.0	111123.9	-5158.5
5354	10.0	110238.2	-5154.6	5444	10.0	110648.6	-5133.7	5534	10.0	111133.5	-5128.9
5355	7.0	110240.6	-5143.9	5445	10.0	110649.0	-5129.9	5535	8.9	111137.3	-5138.9
5356	10.0	110243.1	-5115.5	5446	10.0	110649.0	-5148.1	5536	9.9	111138.0	-5112.2
5357	9.8	110250.2	-5123.1	5447	8.4	110652.8	-5102.6	5537	9.9	111138.6	-5152.0
5358	10.0	110252.8	-5118.9	5448	10.0	110658.4	-5149.7	5538	9.5	111147.3	-5123.3
5359	10.0	110255.9	-5103.4	5449	10.0	110707.6	-5111.3	5539	10.0	111147.9	-5154.3
5360	10.0	110257.8	-5101.4	5450	10.0	110708.6	-5122.0	5540	9.7	111150.0	-5145.1
5361	10.0	110259.9	-5133.9	5451	10.0	110710.1	-5154.0	5541	10.0	111157.5	-5144.9
5362	10.0	110302.7	-5103.6	5452	9.7	110710.4	-5155.2	5542	10.0	111158.3	-5113.2
5363	10.0	110306.8	-5145.2	5453	10.0	110715.0	-5106.0	5543	10.0	111202.3	-5120.4
5364	10.0	110309.5	-5140.7	5454	10.0	110719.2	-5145.6	5544	9.1	111206.9	-5115.4
5365	10.0	110309.7	-5103.6	5455	10.0	110719.6	-5108.0	5545	10.0	111208.6	-5122.0
5366	10.0	110310.1	-5153.1	5456	9.9	110719.8	-5128.9	5546	9.9	111216.5	-5123.2
5367	10.0	110311.8	-5124.5	5457	10.0	110723.2	-5139.4	5547	10.0	111220.5	-5102.5
5368	9.9	110312.2	-5123.2	5458	10.0	110728.6	-5139.2	5548	10.0	111222.6	-5146.1
5369	10.0	110320.5	-5124.2	5459	9.2	110730.5	-5136.2	5549	10.0	111227.8	-5116.0
5370	10.0	110320.5	-5145.9	5460	10.0	110734.5	-5141.4	5550	10.0	111237.2	-5120.6
5371	8.5	110320.8	-5137.4	5461	9.9	110734.6	-5143.8	5551	10.0	111239.2	-5118.2
5372	10.0	110321.3	-5109.8	5462	10.0	110738.3	-5155.9	5552	9.9	111244.5	-5126.3
5373	10.0	110328.8	-5135.7	5463	10.0	110738.4	-5144.4	5553	10.0	111246.7	-5146.7
5374	10.0	110336.9	-5124.2	5464	10.0	110740.5	-5132.6	5554	10.0	111246.7	-5115.3
5375	8.8	110340.9	-5153.2	5465	10.0	110743.0	-5142.9	5555	10.0	111248.3	-5138.9
5376	10.0	110343.0	-5152.1	5466	9.8	110744.1	-5130.6	5556	10.0	111254.7	-5101.4
5377	10.0	110347.8	-5120.7	5467	10.0	110745.0	-5115.3	5557	10.0	111301.0	-5126.3
5378	10.0	110357.2	-5130.7	5468	10.0	110748.6	-5111.8	5558	10.0	111308.0	-5108.9
5379	10.0	110401.2	-5120.8	5469	9.4	110757.3	-5150.2	5559	10.0	111309.1	-5133.6
5380	9.8	110402.0	-5126.9	5470	10.0	110802.3	-5143.8	5560	10.0	111310.3	-5148.0
5381	10.0	110404.8	-5106.9	5471	10.0	110807.6	-5138.9	5561	10.0	111314.1	-5115.8
5382	10.0	110412.2	-5139.7	5472	7.8	110809.9	-5107.2	5562	10.0	111320.2	-5124.8
5383	10.0	110413.8	-5129.4	5473	9.8	110811.9	-5121.9	5563	10.0	111321.0	-5143.3
5384	9.9	110415.5	-5111.2	5474	8.8	110812.7	-5112.5	5564	10.0	111321.5	-5136.9
5385	10.0	110417.5	-5131.4	5475	10.0	110821.4	-5113.2	5565	10.0	111322.5	-5121.0
5386	10.0	110418.6	-5138.1	5476	10.0	110822.5	-5111.8	5566	9.5	111325.6	-5111.6
5387	9.9	110422.7	-5148.6	5477	9.9	110827.8	-5100.7	5567	10.0	111328.5	-5157.2
5388	10.0	110429.6	-5119.2	5478	9.7	110830.0	-5127.8	5568	10.0	111329.6	-5115.3
5389	10.0	110431.6	-5158.9	5479	10.0	110833.2	-5117.8	5569	10.0	111337.7	-5146.6
5390	9.5	110432.9	-5137.9	5480	10.0	110833.3	-5153.0	5570	9.9	111338.8	-5106.0
5391	10.0	110433.0	-5128.9	5481	10.0	110835.5	-5124.0	5571	10.0	111344.2	-5149.3
5392	9.7	110436.8	-5126.7	5482	10.0	110838.8	-5158.3	5572	10.0	111349.9	-5143.6
5393	10.0	110440.0	-5103.5	5483	9.9	110841.5	-5121.4	5573	10.0	111351.6	-5115.3
5394	8.9	110440.4	-5154.7	5484	9.5	110850.5	-5120.9	5574	10.0	111352.6	-5138.9
5395	9.6	110440.5	-5155.7	5485	10.0	110854.8	-5118.2	5575	10.0	111352.8	-5151.3
5396	9.7	110442.0	-5139.3	5486	10.0	110856.5	-5146.0	5576	10.0	111356.6	-5136.9
5397	10.0	110444.4	-5141.4	5487	10.0	110857.5	-5107.8	5577	7.2	111358.8	-5148.3
5398	9.7	110448.0	-5143.2	5488	9.7	110915.8	-5129.7	5578	10.0	111401.5	-5155.4
5399	10.0	110448.0	-5119.2	5489	9.4	110918.0	-5140.4	5579	10.0	111406.0	-5111.0
5400	9.9	110451.3	-5102.3	5490	10.0	110918.9	-5109.2	5580	10.0	111408.4	-5102.9
5401	10.0	110452.6	-5132.0	5491	10.0	110919.8	-5132.3	5581	10.0	111408.9	-5119.4
5402	10.0	110453.7	-5103.3	5492	10.0	110922.6	-5159.9	5582	10.0	111417.6	-5102.3
5403	8.7	110454.8	-5152.8	5493	10.0	110928.5	-5149.3	5583	9.6	111418.0	-5126.3
5404	9.7	110457.2	-5153.8	5494	9.6	110929.6	-5154.4	5584	9.9	111424.5	-5110.8
5405	9.9	110500.6	-5142.6	5495	10.0	110931.0	-5153.4	5585	10.0	111427.7	-5158.3
5406	10.0	110501.9	-5100.2	5496	10.0	110931.0	-5154.2	5586	10.0	111431.8	-5138.9
5407	10.0	110505.4	-5106.2	5497	9.7	110934.0	-5150.6	5587	10.0	111436.8	-5131.9
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-51 6402 12h02m

6402	10.0	120231.5	-5144.2	6492	10.0	120736.9	-5108.8	6582	10.0	121306.6	-5145.5
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6404	10.0	120238.8	-5115.3	6494	10.0	120755.8	-5109.6	6584	10.0	121308.4	-5120.4
6405	10.0	120241.8	-5105.1	6495	9.7	120756.8	-5158.2	6585	10.0	121312.8	-5124.0
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6407	10.0	120251.2	-5124.3	6497	9.8	120800.4	-5147.7	6587	9.9	121321.7	-5102.5
6408	10.0	120251.4	-5142.1	6498	9.9	120808.2	-5159.0	6588	10.0	121324.5	-5123.3
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6410	10.0	120251.8	-5136.8	6500	8.5	120816.5	-5102.0	6590	10.0	121336.8	-5100.0
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6412	10.0	120255.4	-5150.3	6502	9.5	120820.8	-5119.5	6592	10.0	121345.8	-5114.9
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6417	7.6	120306.9	-5126.8	6507	10.0	120836.5	-5115.1	6597	9.9	121403.3	-5133.5
6418	8.4	120311.7	-5109.4	6508	10.0	120837.4	-5152.4	6598	9.9	121405.1	-5138.7
6419	7.4	120317.0	-5105.4	6509	10.0	120837.7	-5153.3	6599	10.0	121409.7	-5109.1
6420	8.5	120317.8	-5143.3	6510	10.0	120839.0	-5149.2	6600	9.8	121411.2	-5126.5
6421	10.0	120324.5	-5107.6	6511	9.9	120839.9	-5133.2	6601	9.8	121413.6	-5128.2
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6423	10.0	120331.5	-5105.6	6513	9.6	120842.2	-5120.4	6603	10.0	121420.1	-5122.2
6424	10.0	120340.3	-5109.6	6514	10.0	120845.8	-5111.5	6604	10.0	121421.3	-5115.5
6425	9.9	120344.3	-5118.2	6515	9.9	120846.8	-5106.7	6605	10.0	121425.8	-5130.6
6426	10.0	120347.3	-5146.2	6516	10.0	120904.6	-5144.5	6606	10.0	121430.7	-5105.0
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6428	10.0	120358.4	-5118.8	6518	10.0	120906.2	-5140.4	6608	10.0	121443.3	-5104.7
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6430	10.0	120404.7	-5101.0	6520	10.0	120913.4	-5145.5	6610	10.0	121458.0	-5123.4
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6432	10.0	120409.5	-5138.7	6522	10.0	120922.6	-5117.8	6612	9.1	121503.9	-5144.5
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6436	10.0	120416.7	-5150.1	6526	10.0	120946.7	-5104.8	6616	10.0	121525.9	-5140.6
6437	9.3	120417.5	-5106.5	6527	10.0	120954.1	-5152.3	6617	10.0	121527.2	-5107.8
6438	9.9	120423.0	-5120.4	6528	9.2	120955.8	-5157.5	6618	10.0	121528.0	-5147.7
6439	10.0	120423.4	-5101.0	6529	10.0	120957.4	-5156.5	6619	10.0	121529.9	-5126.5
6440	9.1	120430.6	-5159.0	6530	9.9	121006.8	-5149.8	6620	10.0	121534.8	-5117.7
6441	10.0	120433.0	-5121.2	6531	10.0	121008.0	-5132.5	6621	9.9	121535.7	-5133.0
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6443	10.0	120435.4	-5110.0	6533	10.0	121014.0	-5113.5	6623	9.7	121542.3	-5158.1
6444	9.6	120440.0	-5112.3	6534	9.3	121015.0	-5122.7	6624	9.0	121542.4	-5113.0
6445	10.0	120442.7	-5115.8	6535	10.0	121016.2	-5103.2	6625	10.0	121548.0	-5131.0
6446	10.0	120443.0	-5156.5	6536	10.0	121020.7	-5156.4	6626	10.0	121548.1	-5145.8
6447	9.6	120443.0	-5105.5	6537	10.0	121026.1	-5149.8	6627	10.0	121550.4	-5127.8
6448	8.0	120443.9	-5131.5	6538	10.0	121030.5	-5104.3	6628	10.0	121552.6	-5103.8
6449	10.0	120450.0	-5109.2	6539	10.0	121031.0	-5135.8	6629	10.0	121602.8	-5154.4
6450	10.0	120457.8	-5158.5	6540	10.0	121036.0	-5126.8	6630	7.1	121604.5	-5135.9
6451	10.0	120458.8	-5111.5	6541	9.7	121039.6	-5111.8	6631	9.8	121608.8	-5114.0
6452	10.5	120500.0	-5130.0	6542	10.0	121041.2	-5111.2	6632	10.0	121611.0	-5113.3
6453	10.0	120502.5	-5127.2	6543	9.9	121041.9	-5126.5	6633	10.0	121611.3	-5143.1
6454	10.0	120504.0	-5102.3	6544	10.0	121051.0	-5109.7	6634	10.0	121612.9	-5124.5
6455	4.5	120508.0	-5140.4	6545	10.0	121051.1	-5154.0	6635	9.9	121614.3	-5103.9
6456	10.0	120512.0	-5110.6	6546	9.5	121056.6	-5111.3	6636	8.3	121614.7	-5141.8
6457	9.8	120519.5	-5141.3	6547	10.0	121056.6	-5151.8	6637	10.0	121617.4	-5151.7
6458	10.0	120534.8	-5139.8	6548	10.0	121106.0	-5124.3	6638	9.7	121620.3	-5102.8
6459	10.0	120539.5	-5152.5	6549	10.0	121108.0	-5119.4	6639	10.0	121621.6	-5103.1
6460	10.0	120542.8	-5105.8	6550	10.0	121112.6	-5125.2	6640	8.0	121627.4	-5143.5
6461	10.0	120558.6	-5143.3	6551	10.0	121112.8	-5119.5	6641	8.5	121639.3	-5129.5
6462	10.0	120604.0	-5113.8	6552	10.0	121113.0	-5156.0	6642	10.0	121650.6	-5148.2
6463	9.6	120609.5	-5139.5	6553	9.8	121118.7	-5131.0	6643	9.4	121651.7	-5114.8
6464	10.0	120614.8	-5128.5	6554	10.0	121122.0	-5112.0	6644	10.0	121654.6	-5140.6
6465	10.0	120616.5	-5128.0	6555	10.0	121127.5	-5116.0	6645	10.0	121659.5	-5145.7
6466	10.0	120619.2	-5143.2	6556	9.6	121133.1	-5132.8	6646	10.0	121701.5	-5157.6
6467	9.7	120621.2	-5147.0	6557	7.1	121133.4	-5136.5	6647	9.9	121701.8	-5110.3
6468	10.0	120623.4	-5133.3	6558	9.7	121139.6	-5122.8	6648	8.9	121704.2	-5125.8
6469	10.5	120624.1	-5120.5	6559	10.0	121140.0	-5109.5	6649	9.8	121714.5	-5118.4
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6472	10.0	120629.6	-5127.4	6562	9.5	121202.3	-5152.8	6652	8.7	121736.0	-5142.3
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6476	9.9	120636.3	-5127.4	6566	10.0	121212.5	-5114.1	6656	9.7	121746.0	-5143.5
6477	10.0	120636.8	-5111.3	6567	9.8	121216.5	-5153.2	6657	10.0	121751.0	-5125.6
6478	10.0	120638.6	-5103.5	6568	9.8	121217.7	-5129.2	6658	10.0	121754.4	-5110.7
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6480	9.9	120644.6	-5152.0	6570	10.0	121234.0	-5101.5	6660	7.8	121756.4	-5152.5
6481	10.0	120648.6	-5153.6	6571	8.6	121234.2	-5152.8	6661	9.5	121801.4	-5129.8
6482	10.0	120648.7	-5134.8	6572	10.0	121238.4	-5106.1	6662	10.0	121805.4	-5129.4
6483	10.0	120653.0	-5114.2	6573	10.0	121239.8	-5156.5	6663	9.9	121805.6	-5155.0
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6486	9.8	120703.5	-5110.6	6576	9.8	121248.9	-5110.2	6666	10.0	121822.3	-5127.0
6487	9.6	120708.1	-5145.5	6577	10.0	121248.9	-5129.5	6667	10.0	121844.9	-5101.4
6488	9.5	120715.9	-5158.5	6578	10.0	121250.1	-5112.1	6668	9.8	121845.0	-5113.8
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6490	9.7	120723.3	-5125.0	6580	10.0	121255.2	-5133.5	6670	10.0	121856.4	-5148.5
6491	10.0	120724.6	-5111.8	6581	9.8	121303.6	-5157.5	6671	10.0	121857.1	-5101.3

-51 6761 12h25m

6672	10.0	121901.0	-5158.8	6682	10.0	121930.8	-5117.5	6752	9.9	122437.9	-5126.7
6673	10.0	121902.3	-5145.5	6683	10.0	121931.7	-5130.5	6753	10.0	122438.2	-5137.7
6674	10.0	121904.2	-5152.8	6684	9.8	121932.6	-5118.3	6754	9.9	122441.1	-5125.5
6675	10.0	121907.1	-5159.5	6685	9.7	121934.6	-5119.7	6755	10.0	122441.9	-5139.7
6676	10.0	121910.8	-5141.5	6686	10.0	121936.6	-5155.5	6756	9.5	122444.2	-5103.9
6677	10.0	121914.0	-5143.0	6687	10.0	121947.9	-5145.1	6757	9.6	122448.6	-5102.4
6678	10.0	121915.8	-5114.3	6688	10.0	121949.4	-5137.6	6758	10.0	122449.5	-5155.0
6679	9.1	121920.2	-5119.0	6689	10.0	121950.1	-5135.0	6759	10.0	122452.6	-5147.6
6680	10.0	121921.5	-5157.2	6690	10.0	122001.2	-5156.0	6760	9.8	122453.6	-5123.0
6681	9.7	121929.5	-5116.8	6691	10.0	122005.3	-5149.8	6761	10.0	122505.6	-5129.5

-51 6762 12h25m

-51 7121 12h48m

6762 10.0 122513.3 -5120.8	6852 10.0 123052.2 -5113.3	6942 9.5 123637.3 -5151.8	7032 10.0 124232.0 -5137.5
6763 9.9 122516.6 -5104.2	6853 10.0 123056.8 -5110.5	6943 10.0 123637.9 -5149.7	7033 10.0 124241.2 -5155.7
6764 10.0 122517.2 -5114.2	6854 9.6 123058.2 -5149.4	6944 10.0 123638.3 -5151.0	7034 9.9 124241.8 -5146.7
6765 10.0 122520.2 -5125.8	6855 9.8 123058.6 -5127.5	6945 10.0 123640.5 -5144.3	7035 10.0 124244.1 -5137.7
6766 10.0 122522.5 -5138.5	6856 10.0 123100.5 -5121.6	6946 10.0 123645.6 -5130.4	7036 10.0 124246.1 -5129.7
6767 10.0 122525.3 -5125.3	6857 9.5 123104.4 -5155.1	6947 10.0 123649.0 -5114.0	7037 10.0 124250.8 -5130.2
6768 10.0 122526.4 -5131.0	6858 10.0 123105.6 -5108.3	6948 10.0 123657.7 -5151.0	7038 10.0 124253.0 -5117.0
6769 9.9 122528.1 -5104.2	6859 9.9 123108.3 -5118.7	6949 9.9 123700.8 -5131.5	7039 10.0 124301.6 -5139.9
6770 10.0 122529.7 -5137.6	6860 10.0 123110.5 -5106.2	6950 10.0 123708.0 -5155.5	7040 10.0 124319.4 -5106.4
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6773 10.0 122531.6 -5153.0	6863 10.0 123129.0 -5120.5	6953 10.0 123711.8 -5152.0	7043 10.0 124329.6 -5126.4
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6775 10.0 122535.1 -5122.4	6865 9.7 123133.1 -5101.8	6955 9.9 123721.8 -5137.6	7045 9.6 124338.5 -5147.1
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6780 10.0 122556.6 -5113.6	6870 10.0 123144.6 -5157.4	6960 10.0 123753.4 -5104.8	7050 10.0 124400.8 -5135.5
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6784 10.0 122606.2 -5111.4	6874 10.0 123206.4 -5102.5	6964 9.7 123800.7 -5107.2	7054 10.0 124412.4 -5151.2
6785 10.5 122606.6 -5124.3	6875 10.0 123207.1 -5152.0	6965 10.0 123801.4 -5129.5	7055 10.0 124414.6 -5125.6
6786 9.9 122607.5 -5109.0	6876 10.0 123217.3 -5114.4	6966 9.6 123802.2 -5118.8	7056 10.0 124414.7 -5100.0
6787 9.9 122607.8 -5157.5	6877 9.2 123220.2 -5153.0	6967 10.0 123802.6 -5134.7	7057 9.9 124417.3 -5101.5
6788 10.0 122616.3 -5101.6	6878 8.8 123222.4 -5106.2	6968 10.5 123806.8 -5128.0	7058 9.9 124419.1 -5121.4
6789 10.0 122617.8 -5145.4	6879 9.4 123222.6 -5152.4	6969 8.1 123808.6 -5109.3	7059 10.0 124421.3 -5149.7
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6794 9.8 122647.5 -5119.2	6884 10.0 123242.2 -5121.5	6974 10.0 123820.9 -5136.6	7064 10.0 124442.8 -5129.8
6795 9.8 122654.1 -5157.0	6885 9.3 123244.2 -5134.1	6975 10.0 123824.6 -5138.0	7065 9.3 124442.9 -5126.4
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6841 9.8 123004.1 -5130.2	6931 10.0 123547.7 -5103.3	7021 9.2 124202.3 -5130.4	7111 10.0 124726.5 -5117.6
6842 10.0 123006.9 -5158.6	6932 10.0 123548.1 -5106.2	7022 10.0 124204.8 -5111.8	7112 9.4 124729.8 -5148.2
6843 10.0 123009.9 -5105.3	6933 10.0 123552.7 -5133.8	7023 10.0 124212.6 -5139.3	7113 10.0 124741.0 -5143.2
6844 10.0 123010.0 -5154.2	6934 9.6 123554.0 -5121.9	7024 10.0 124214.6 -5157.5	7114 10.0 124750.3 -5145.6
6845 10.0 123029.5 -5156.2	6935 9.6 123559.3 -5154.9	7025 10.0 124217.5 -5103.5	7115 10.0 124752.9 -5140.5
6846 9.9 123034.0 -5159.1	6936 9.9 123601.9 -5152.4	7026 7.9 124217.6 -5153.4	7116 10.0 124758.3 -5109.5
6847 10.0 123040.6 -5112.0	6937 10.0 123604.2 -5122.2	7027 10.0 124220.4 -5113.5	7117 8.0 124758.8 -5107.8
6848 10.0 123044.5 -5134.4	6938 10.0 123620.6 -5135.5	7028 10.0 124221.2 -5142.8	7118 10.0 124809.3 -5148.7
6849 10.0 123049.3 -5108.8	6939 10.0 123623.5 -5151.0	7029 10.0 124227.5 -5128.9	7119 10.0 124809.6 -5116.8
6850 10.0 123049.7 -5133.5	6940 10.0 123626.0 -5157.5	7030 9.8 124228.4 -5111.0	7120 10.0 124818.6 -5105.3
6851 10.0 123050.9 -5119.8	6941 10.0 123626.3 -5138.6	7031 9.9 124228.7 -5103.9	7121 10.0 124820.0 -5116.0

-51 7122 12h48m

-51 7481 13h16m

7122	9.9	124823.8	-5158.4	7212	10.0	125538.2	-5147.2
7123	9.5	124830.3	-5153.4	7213	10.0	125540.8	-5127.9
7124	9.9	124840.0	-5137.1	7214	10.0	125544.2	-5137.2
7125	8.0	124841.8	-5115.4	7215	10.0	125545.2	-5112.6
7126	10.0	124848.2	-5130.6	7216	10.0	125614.9	-5116.7
7127	10.0	124857.3	-5152.2	7217	10.0	125617.9	-5124.2
7128	9.9	124900.7	-5137.5	7218	10.0	125628.8	-5147.9
7129	9.8	124904.6	-5144.0	7219	10.0	125629.6	-5131.3
7130	10.0	124909.6	-5131.1	7220	9.9	125631.6	-5103.0
7131	10.0	124922.1	-5129.0	7221	10.0	125633.5	-5120.0
7132	10.0	124922.2	-5108.4	7222	10.0	125640.1	-5158.2
7133	10.0	124926.9	-5150.5	7223	10.0	125643.9	-5148.8
7134	10.0	124927.3	-5123.9	7224	10.0	125657.8	-5143.7
7135	10.0	124928.4	-5140.5	7225	9.8	125702.3	-5140.8
7136	10.0	124929.0	-5127.4	7226	10.0	125704.0	-5122.0
7137	10.0	124937.3	-5151.8	7227	10.0	125707.2	-5152.7
7138	9.8	124938.9	-5134.7	7228	10.0	125707.3	-5138.0
7139	10.0	124939.3	-5155.6	7229	10.0	125707.5	-5123.5
7140	9.8	124942.4	-5144.7	7230	9.4	125714.3	-5130.3
7141	10.0	124942.7	-5105.5	7231	9.9	125716.7	-5130.7
7142	9.8	124946.8	-5119.7	7232	10.0	125716.9	-5129.6
7143	10.0	124958.8	-5123.9	7233	10.0	125722.8	-5125.0
7144	8.9	125004.4	-5122.3	7234	9.8	125728.2	-5102.0
7145	10.0	125005.5	-5131.0	7235	9.8	125729.4	-5103.4
7146	10.0	125009.4	-5139.0	7236	9.5	125731.4	-5153.6
7147	10.0	125010.2	-5128.4	7237	10.0	125732.0	-5156.8
7148	9.6	125013.0	-5107.6	7238	9.7	125738.1	-5144.6
7149	10.0	125021.6	-5148.2	7239	10.0	125738.4	-5120.6
7150	10.0	125023.8	-5114.3	7240	10.0	125739.7	-5143.0
7151	10.0	125029.2	-5148.3	7241	9.5	125741.8	-5152.6
7152	10.0	125034.5	-5154.0	7242	9.7	125743.8	-5112.0
7153	9.6	125036.4	-5104.8	7243	9.3	125744.8	-5114.0
7154	7.7	125043.6	-5156.3	7244	9.0	125745.6	-5145.0
7155	9.9	125051.5	-5148.6	7245	10.0	125755.6	-5110.5
7156	10.0	125105.6	-5114.6	7246	10.0	125800.2	-5145.5
7157	9.9	125107.2	-5140.3	7247	10.0	125804.7	-5146.1
7158	10.0	125113.0	-5109.8	7248	6.9	125811.0	-5126.6
7159	10.0	125118.0	-5101.6	7249	10.0	125812.0	-5145.2
7160	10.0	125123.5	-5129.6	7250	10.0	125817.8	-5113.0
7161	10.0	125125.5	-5152.4	7251	10.0	125822.0	-5147.2
7162	10.0	125127.4	-5101.5	7252	10.0	125827.2	-5148.8
7163	10.0	125129.0	-5120.8	7253	10.0	125834.0	-5120.4
7164	10.0	125131.5	-5125.6	7254	10.0	125834.7	-5117.9
7165	10.0	125134.9	-5154.5	7255	9.8	125836.6	-5108.6
7166	9.9	125143.1	-5135.7	7256	10.0	125848.5	-5129.4
7167	9.9	125145.9	-5145.4	7257	9.6	125850.0	-5115.5
7168	10.0	125204.4	-5147.8	7258	10.0	125854.0	-5136.2
7169	10.0	125210.8	-5122.3	7259	10.0	125855.5	-5128.9
7170	9.5	125217.4	-5129.5	7260	10.0	125857.5	-5138.0
7171	9.2	125219.1	-5109.9	7261	10.0	125901.0	-5123.5
7172	10.0	125221.5	-5141.3	7262	8.9	125901.7	-5152.9
7173	10.5	125221.8	-5126.0	7263	10.0	125903.7	-5135.5
7174	10.0	125223.5	-5152.0	7264	9.4	125909.6	-5159.6
7175	9.9	125225.0	-5142.3	7265	10.0	125911.0	-5122.9
7176	9.9	125226.2	-5158.5	7266	10.0	125913.5	-5129.0
7177	10.0	125234.2	-5155.5	7267	10.0	125918.2	-5114.6
7178	9.9	125241.5	-5141.5	7268	9.8	125919.6	-5119.4
7179	10.0	125309.0	-5154.0	7269	10.0	125925.5	-5129.6
7180	10.0	125309.5	-5155.0	7270	10.0	125931.2	-5154.8
7181	10.0	125318.8	-5116.5	7271	9.9	125940.9	-5116.5
7182	10.0	125319.6	-5132.5	7272	10.0	125944.4	-5149.8
7183	9.7	125323.6	-5144.6	7273	9.6	125949.8	-5111.6
7184	9.8	125331.9	-5102.4	7274	9.9	125950.6	-5103.3
7185	10.0	125334.2	-5108.8	7275	8.7	125951.1	-5120.6
7186	10.0	125342.1	-5141.3	7276	10.0	130007.9	-5104.5
7187	10.0	125344.8	-5131.3	7277	10.0	130015.8	-5153.6
7188	10.0	125346.0	-5122.8	7278	9.9	130017.4	-5115.0
7189	10.0	125347.7	-5159.2	7279	10.0	130020.4	-5119.0
7190	10.0	125400.6	-5106.4	7280	10.0	130027.3	-5152.3
7191	9.9	125402.9	-5147.0	7281	9.3	130029.1	-5120.0
7192	10.0	125408.0	-5134.8	7282	8.6	130029.9	-5151.3
7193	10.0	125419.7	-5147.0	7283	10.0	130032.4	-5109.0
7194	10.0	125425.1	-5155.0	7284	10.0	130033.6	-5102.7
7195	10.0	125428.0	-5142.7	7285	10.0	130040.6	-5103.6
7196	10.0	125430.1	-5149.3	7286	10.0	130056.8	-5100.4
7197	10.0	125438.0	-5111.5	7287	10.0	130104.4	-5159.0
7198	10.0	125445.4	-5114.8	7288	9.8	130108.6	-5107.0
7199	10.0	125447.6	-5130.2	7289	9.8	130108.7	-5155.0
7200	8.4	125458.5	-5106.9	7290	10.0	130115.6	-5110.1
7201	10.0	125508.0	-5124.0	7291	10.0	130117.4	-5149.2
7202	10.0	125511.2	-5126.2	7292	10.0	130120.2	-5149.3
7203	9.8	125514.4	-5128.6	7293	10.0	130122.5	-5129.3
7204	9.3	125514.7	-5118.4	7294	9.3	130128.9	-5154.9
7205	10.0	125515.5	-5149.8	7295	9.6	130131.6	-5142.2
7206	10.0	125517.4	-5143.5	7296	9.9	130132.4	-5120.0
7207	10.0	125518.2	-5107.8	7297	10.0	130133.7	-5110.6
7208	9.9	125523.8	-5150.5	7298	10.0	130148.4	-5104.3
7209	9.6	125526.8	-5123.6	7299	9.8	130153.5	-5148.9
7210	10.0	125529.8	-5105.0	7300	8.0	130157.8	-5100.8
7211	9.3	125537.8	-5145.2	7301	10.0	130158.3	-5126.0
7302	9.9	130159.6	-5144.5	7392	9.7	130843.8	-5144.0
7303	10.0	130201.8	-5129.9	7393	10.0	130850.3	-5150.0
7304	10.0	130201.9	-5125.8	7394	9.9	130851.2	-5143.6
7305	10.0	130213.7	-5101.0	7395	10.0	130903.0	-5152.8
7306	10.0	130215.6	-5114.4	7396	10.0	130904.1	-5155.1
7307	9.4	130217.7	-5146.1	7397	10.0	130917.9	-5115.2
7308	10.0	130218.9	-5148.7	7398	10.0	130918.7	-5145.1
7309	10.0	130222.6	-5126.3	7399	10.0	130930.0	-5116.4
7310	10.0	130224.6	-5110.6	7400	10.0	130932.4	-5108.6
7311	9.2	130229.6	-5120.5	7401	10.0	130935.0	-5106.4
7312	10.0	130230.8	-5156.8	7402	10.0	130940.8	-5155.2
7313	9.8	130233.7	-5157.6	7403	9.9	130941.0	-5121.6
7314	10.0	130234.6	-5158.9	7404	10.0	130944.2	-5130.6
7315	9.6	130237.8	-5127.5	7405	9.5	130950.9	-5136.0
7316	10.0	130239.2	-5136.5	7406	10.0	130952.6	-5113.8
7317	10.0	130240.5	-5119.9	7407	10.0	130959.2	-5105.9
7318	9.8	130243.0	-5152.9	7408	10.0	131000.8	-5104.3
7319	10.0	130243.8	-5153.5	7409	10.0	131005.5	-5109.8
7320	9.7	130251.6	-5134.7	7410	10.0	131006.6	-5120.4
7321	10.0	130303.1	-5133.3	7411	10.0	131008.4	-5100.6
7322	8.9	130311.6	-5152.2	7412	10.0	131011.2	-5134.2
7323	10.0	130311.8	-5106.5	7413	9.6	131013.3	-5132.2
7324	10.0	130315.8	-5151.3	7414	10.0	131021.0	-5115.6
7325	9.9	130321.3	-5140.5	7415	10.0	131027.5	-5115.0
7326	10.0	130322.3	-5109.6	7416	9.8	131047.0	-5132.2
7327	9.8	130323.1	-5133.9	7417	10.0	131048.4	-5141.2
7328	9.9	130331.8	-5106.8	7418	10.0	131100.7	-5120.3
7329	6.5	130332.5	-5154.0	7419	10.0	131102.8	-5123.9
7330	9.9	130336.0	-5110.4	7420	9.7	131108.4	-5131.6
7331	10.0	130338.5	-5122.8	7421	10.0	131109.6	-5150.6
7332	9.8	130339.5	-5147.4	7422	9.3	131112.0	-5149.2
7333	9.3	130358.3	-5127.1	7423	9.4	131116.0	-5135.0
7334	9.9	130359.2	-5121.3	7424	10.0	131129.0	-5119.8
7335	9.7	130402.3	-5125.2	7425	8.0	131132.4	-5159.9
7336	9.8	130410.3	-5113.6	7426	9.9	131133.6	-5130.0
7337	10.0	130423.6	-5124.2	7427	10.0	131136.1	-5106.8
7338	10.0	130431.6	-5117.8	7428	10.0	131140.5	-5102.2
7339	10.0	130440.5	-5112.6	7429	10.0	131141.6	-5115.9
7340	10.0	130442.5	-5100.8	7430	10.0	131144.9	-5146.0
7341	9.0	130449.3	-5112.6	7431	10.0	131146.5	-5132.0
7342	10.0	130452.3	-5104.2	7432	10.0	131148.9	-5131.2
7343	10.0	130455.5	-5154.0	7433	10.0	131201.6	-5140.6
7344	10.0	130457.8	-5157.4	7434	10.0	131206.6	-5133.0
7345	10.0	130459.3	-5136.3	7435	10.0	131216.3	-5146.2
7346	9.9	130501.2	-5153.1	7436	10.0	131221.3	-5108.0
7347	10.0	130505.1	-5155.0	7437	10.0	131222.5	-5119.5
7348	10.0	130511.0	-5107.4	7438	10.0	131224.3	-5150.0
7349	10.0	130519.0	-5115.2	7439	9.9	131226.0	-5137.4
7350	10.0	130525.0	-5120.9	7440	10.0	131237.9	-5101.8
7351	10.0	130529.9	-5133.6	7441	9.9	131242.9	-5106.2
7352	9.9	130533.2	-5122.0	7442	9.9	131247.9	-5153.0
7353	10.0	130535.1	-5112.7	7443	10.0	131249.7	-5154.0
7354	10.0	130539.8	-5153.0	7444	10.0	131300.0	-5106.9
7355	9.9	130540.0	-5100.1	7445	10.0	131300.3	-5120.3
7356	9.9	130548.0	-5116.6	7446	10.0	131306.9	-5113.9
7357	9.9	130551.4	-5135.2	7447	10.0	131309.4	-5153.2
7358	9.8	130553.1	-5130.1	7448	10.0	131309.4	-5118.0
7359	8.5	130557.9	-5144.4	7449	8.8	131313.2	-5136.0
7360	9.8	130558.0	-5100.5	7450	10.0	131318.3	-5129.6
7361	10.0	130612.4	-5155.2	7451	9.9	131318.8	-5121.1
7362	9.9	130615.4	-5125.0	7452	10.0	131326.7	-5158.9
7363	9.4	130631.9	-5119.3	7453	7.4	131337.4	-5100.8
7364	10.0	130638.4	-5112.0	7454	10.0	131343.8	-5130.1
7365	10.0	130640.3	-5135.9	7455	10.0	131344.6	-5102.0
7366	10.0	130642.2	-5150.1	7456	9.9	131351.7	-5137.0
7367	10.0	130650.0	-5122.0	7457	9.9	131353.0	-5139.0
7368	10.0	130651.6	-5122.6	7458	9.9	131354.0	-5156.0
7369	10.0	130705.2	-5110.8	7459	10.0	131354.3	-5126.3
7370	9.8	130706.5	-5145.8	7460	10.0	131403.2	-5110.4
7371	10.0	130710.8	-5103.0	7461	9.6	131421.7	-5151.4
7372	10.0	130712.8	-5123.0	7462	9.6	131423.0	-5155.0
7373	10.0	130719.0	-5131.1	7463	10.0	131424.8	-5149.0
7374	10.0	130722.0	-5111.9	7464	8.7	131428.4	-5102.5
7375	7.7	130728.6	-5108.4	7465	6.5	131441.0	-5132.0
7376	9.9	130731.3	-5121.0	7466	10.0	131447.8	-5140.9
7377	10.0	130731.5	-5152.1	7467	10.0	131448.0	-5145.8
7378	10.0	130741.0	-5143.2	7468	8.8	131449.6	-5105.7
7379	10.0	130806.6	-5105.0	7469	10.0	131451.4	-5147.1
7380	10.0	130808.4	-5119.2	7470	10.0	131455.8	-5124.0
7381	10.0	130808.6	-5134.1	7471	8.6	131456.9	-5131.0
7382	10.0	130817.5	-5125.2	7472	10.0	131458.9	-5145.2
7383	9.9	130818.1	-5118.6	7473	10.0	131508.4	-5111.0
7384	10.0	130818.3	-5127.6	7474	10.0	131512.3	-5103.7
7385	9.9	130820.3	-5118.6	7475	10.0	131522.7	-5146.1
7386	10.0	130829.8	-5119.9	7476	10.0	131528.5	-5120.6
7387	10.0	130829.8	-5109.8	7477	10.0	131550.2	-5147.0
7388	10.0	130831.2	-5110.9	7478	10.0	131603.8	-5129.6
7389	9.9	130833.0	-5111.9	7479	10.0	131604.6	-5153.2
7390	10.0	130836.8	-5119.8	7480	9.7	131611.3	-5139.3
7391	7.1	130842.0	-5145.1	7481	10.0	131624.0	-5140.2

-51 7482 13h16m

7482 10.0 131624.6 -5139.0	7572 10.0 132446.0 -5103.3	7662 9.9 133308.4 -5103.2	7752 10.0 134123.2 -5127.6
7483 10.0 131632.0 -5147.6	7573 10.0 132459.6 -5159.1	7663 10.0 133311.5 -5125.8	7753 10.0 134130.1 -5111.0
7484 10.0 131635.8 -5152.1	7574 10.0 132502.3 -5119.3	7664 10.0 133319.7 -5147.1	7754 10.0 134137.3 -5101.7
7485 10.0 131638.2 -5136.8	7575 10.0 132510.0 -5150.2	7665 10.0 133320.6 -5121.1	7755 10.0 134137.8 -5125.3
7486 10.0 131640.2 -5100.4	7576 9.4 132516.2 -5148.1	7666 10.0 133324.8 -5129.8	7756 10.0 134147.3 -5147.4
7487 10.0 131649.0 -5101.4	7577 10.0 132516.9 -5159.2	7667 10.0 133327.8 -5142.1	7757 10.0 134159.9 -5102.0
7488 7.1 131649.5 -5113.4	7578 10.0 132520.9 -5148.6	7668 8.6 133337.3 -5158.4	7758 10.0 134200.3 -5153.9
7489 10.0 131655.4 -5150.0	7579 9.3 132524.4 -5101.5	7669 10.0 133340.0 -5106.2	7759 10.0 134217.6 -5150.1
7490 10.0 131655.8 -5129.6	7580 10.0 132534.0 -5136.0	7670 10.0 133341.0 -5107.2	7760 10.0 134220.9 -5141.1
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7506 9.7 131745.6 -5130.4	7596 10.0 132708.5 -5130.0	7686 10.0 133512.6 -5126.1	7776 10.0 134309.5 -5115.6
7507 10.0 131746.0 -5137.2	7597 9.6 132714.0 -5154.5	7687 10.0 133515.3 -5151.6	7777 9.7 134310.8 -5120.4
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7512 10.0 131804.5 -5130.2	7602 10.0 132742.3 -5119.4	7692 8.0 133559.6 -5128.2	7782 9.7 134328.2 -5111.5
7513 9.7 131813.5 -5135.7	7603 9.9 132745.8 -5135.8	7693 10.0 133606.4 -5114.5	7783 9.8 134329.4 -5150.2
7514 9.9 131814.9 -5105.2	7604 10.0 132745.9 -5150.0	7694 10.0 133611.6 -5144.0	7784 9.7 134332.3 -5145.2
7515 10.0 131821.5 -5136.6	7605 9.9 132749.7 -5108.4	7695 10.0 133624.1 -5157.7	7785 10.0 134335.6 -5129.5
7516 9.6 131822.7 -5115.9	7606 10.0 132751.9 -5145.8	7696 10.0 133626.7 -5150.5	7786 9.3 134340.1 -5121.5
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7519 10.0 131845.2 -5148.3	7609 10.0 132811.9 -5142.4	7699 9.6 133634.8 -5107.0	7789 10.0 134410.2 -5128.7
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7521 10.0 131913.0 -5101.7	7611 10.0 132829.0 -5152.8	7701 9.8 133637.6 -5139.2	7791 10.0 134418.0 -5129.5
7522 10.0 131914.5 -5109.4	7612 10.0 132835.6 -5149.5	7702 10.0 133650.6 -5109.6	7792 9.0 134420.5 -5115.6
7523 10.0 131916.3 -5132.3	7613 10.0 132841.7 -5151.6	7703 9.7 133650.8 -5139.5	7793 10.0 134422.4 -5100.9
7524 10.0 131917.9 -5149.0	7614 10.0 132842.0 -5155.5	7704 10.0 133658.0 -5111.5	7794 10.0 134424.9 -5105.3
7525 10.0 131919.0 -5152.0	7615 10.0 132843.3 -5142.0	7705 10.0 133700.5 -5142.3	7795 8.7 134425.7 -5112.3
7526 9.9 131925.8 -5107.9	7616 10.0 132850.0 -5108.6	7706 10.0 133701.4 -5105.2	7796 8.9 134428.0 -5130.2
7527 9.9 131928.0 -5107.5	7617 10.0 132850.7 -5129.5	7707 9.9 133702.5 -5108.5	7797 10.0 134430.6 -5144.5
7528 10.0 131938.7 -5118.6	7618 10.0 132858.4 -5146.4	7708 10.0 133707.5 -5156.2	7798 10.0 134432.4 -5133.8
7529 10.0 131940.3 -5120.2	7619 10.0 132859.6 -5119.2	7709 10.0 133708.7 -5142.3	7799 9.9 134433.9 -5132.5
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7531 9.7 132007.8 -5110.4	7621 10.0 132906.3 -5130.1	7711 10.0 133722.6 -5124.4	7801 10.0 134440.8 -5153.8
7532 8.5 132009.9 -5115.4	7622 10.0 132921.0 -5142.8	7712 10.0 133724.0 -5112.0	7802 8.7 134448.3 -5128.6
7533 9.5 132010.0 -5155.0	7623 10.0 132921.6 -5108.0	7713 9.9 133727.6 -5128.8	7803 10.0 134453.6 -5132.3
7534 9.5 132013.2 -5126.1	7624 8.9 132923.0 -5124.7	7714 10.0 133732.0 -5122.9	7804 10.0 134457.6 -5129.1
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7537 10.0 132022.6 -5120.2	7627 9.6 133009.1 -5100.5	7717 10.0 133744.6 -5132.3	7807 10.0 134506.9 -5138.2
7538 10.0 132026.5 -5146.2	7628 9.6 133010.0 -5151.4	7718 10.0 133748.9 -5137.3	7808 10.0 134522.2 -5127.2
7539 9.9 132031.6 -5120.3	7629 10.0 133011.4 -5109.6	7719 9.8 133749.1 -5105.4	7809 10.0 134523.1 -5134.9
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7550 9.9 132212.5 -5127.2	7640 7.9 133109.6 -5134.1	7730 10.0 133854.3 -5109.0	7820 10.0 134603.7 -5154.7
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7554 10.0 132245.5 -5139.2	7644 10.0 133135.0 -5108.2	7734 10.0 133923.2 -5103.6	7824 10.0 134618.7 -5133.1
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7557 9.6 132258.5 -5125.2	7647 10.0 133148.8 -5141.4	7737 9.9 133952.7 -5110.0	7827 10.0 134639.5 -5156.0
7558 10.0 132300.0 -5116.4	7648 9.9 133155.3 -5136.6	7738 10.0 133955.9 -5128.9	7828 8.0 134642.8 -5100.5
7559 10.0 132310.0 -5131.0	7649 10.0 133206.2 -5102.7	7739 9.8 134002.4 -5126.5	7829 10.0 134647.7 -5152.2
7560 10.0 132318.0 -5120.8	7650 10.0 133214.7 -5144.3	7740 9.9 134002.9 -5101.6	7830 10.0 134705.5 -5145.5
7561 9.5 132318.4 -5115.4	7651 9.8 133215.4 -5149.2	7741 10.0 134014.5 -5122.4	7831 10.0 134706.0 -5125.8
7562 10.0 132332.5 -5138.1	7652 10.0 133218.9 -5156.2	7742 10.0 134018.5 -5128.5	7832 6.1 134709.5 -5132.8
7563 10.0 132335.3 -5136.2	7653 10.0 133221.9 -5110.7	7743 9.7 134032.4 -5114.5	7833 9.7 134718.0 -5139.3
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7571 9.7 132445.2 -5121.8	7661 8.2 133252.4 -5144.2	7751 10.0 134120.0 -5112.6	7841 10.0 134752.8 -5148.0

-51 7842 13h47m

-51 8201 14h18m

7842	10.0	134755.8	-5113.8	7932	9.9	135617.4	-5145.9	8022	9.8	140354.3	-5129.3
7843	10.0	134802.1	-5120.0	7933	10.0	135624.6	-5103.0	8023	10.0	140402.8	-5115.0
7844	9.5	134811.5	-5111.0	7934	10.0	135625.8	-5131.8	8024	10.0	140402.8	-5147.1
7845	9.8	134822.0	-5131.5	7935	9.9	135626.4	-5134.8	8025	10.0	140416.3	-5133.5
7846	7.2	134823.0	-5125.4	7936	10.0	135632.4	-5109.0	8026	9.9	140418.6	-5138.0
7847	10.0	134823.5	-5133.1	7937	10.0	135634.0	-5114.0	8027	10.0	140423.8	-5132.5
7848	10.0	134829.6	-5145.5	7938	10.0	135635.1	-5152.7	8028	10.0	140424.9	-5109.5
7849	10.0	134831.1	-5125.6	7939	10.0	135640.0	-5119.0	8029	9.5	140428.3	-5106.5
7850	9.9	134833.1	-5152.3	7940	10.0	135651.4	-5143.1	8030	10.0	140440.1	-5131.3
7851	10.0	134846.6	-5116.0	7941	9.8	135652.7	-5102.0	8031	9.9	140440.3	-5140.4
7852	10.0	134852.8	-5134.2	7942	10.0	135701.3	-5157.0	8032	10.0	140447.1	-5134.5
7853	9.6	134858.0	-5149.9	7943	10.0	135709.6	-5123.8	8033	10.0	140448.6	-5103.0
7854	9.6	134901.3	-5148.9	7944	9.9	135725.3	-5151.0	8034	9.9	140449.7	-5149.6
7855	10.0	134902.5	-5118.6	7945	9.9	135725.6	-5120.6	8035	10.0	140452.8	-5105.0
7856	10.0	134911.5	-5135.0	7946	10.0	135725.6	-5102.0	8036	9.7	140500.2	-5102.4
7857	10.0	134917.3	-5103.7	7947	10.0	135730.7	-5110.0	8037	10.0	140505.3	-5129.5
7858	10.0	134921.3	-5100.0	7948	9.9	135749.5	-5128.3	8038	9.6	140514.5	-5105.2
7859	10.0	134936.3	-5103.4	7949	10.0	135752.1	-5157.4	8039	9.9	140517.6	-5125.0
7860	10.0	134941.8	-5157.1	7950	10.0	135803.0	-5154.3	8040	10.0	140518.0	-5146.0
7861	9.8	134943.4	-5116.0	7951	10.0	135805.8	-5119.5	8041	10.0	140526.1	-5108.4
7862	10.0	134951.4	-5116.6	7952	8.2	135814.0	-5101.2	8042	10.0	140526.8	-5109.0
7863	9.9	134951.8	-5103.6	7953	10.0	135826.8	-5148.0	8043	10.0	140532.4	-5135.9
7864	10.0	134954.1	-5151.0	7954	10.0	135834.6	-5144.8	8044	10.0	140543.0	-5101.8
7865	10.0	134959.9	-5104.2	7955	10.0	135836.0	-5158.0	8045	10.0	140549.8	-5135.3
7866	9.9	135009.4	-5138.2	7956	10.0	135836.8	-5144.0	8046	10.0	140551.5	-5145.0
7867	10.0	135010.4	-5144.6	7957	10.0	135837.6	-5133.0	8047	9.9	140551.7	-5140.5
7868	10.0	135015.9	-5110.3	7958	10.0	135839.5	-5159.3	8048	9.8	140600.1	-5123.1
7869	10.0	135020.9	-5145.2	7959	9.9	135852.5	-5141.3	8049	10.0	140602.2	-5149.5
7870	9.9	135023.6	-5107.9	7960	10.0	135856.7	-5153.2	8050	10.0	140604.5	-5155.0
7871	10.0	135029.9	-5131.5	7961	9.8	135904.2	-5116.8	8051	9.2	140615.4	-5128.2
7872	10.0	135030.3	-5142.5	7962	10.0	135906.1	-5109.6	8052	10.0	140619.6	-5134.4
7873	10.0	135031.2	-5143.5	7963	10.0	135909.0	-5141.6	8053	10.0	140619.8	-5122.6
7874	10.0	135049.3	-5120.9	7964	10.0	135911.1	-5155.2	8054	10.0	140620.7	-5134.7
7875	10.0	135058.3	-5101.7	7965	10.0	135911.9	-5143.2	8055	10.0	140625.2	-5140.8
7876	9.7	135059.0	-5108.6	7966	10.0	135917.6	-5153.0	8056	10.0	140625.3	-5138.0
7877	9.3	135100.6	-5130.2	7967	10.0	135919.9	-5155.2	8057	10.0	140632.0	-5111.6
7878	9.7	135108.7	-5115.6	7968	10.0	135931.4	-5143.2	8058	10.0	140632.7	-5156.4
7879	8.5	135113.8	-5117.0	7969	10.0	135941.7	-5141.2	8059	10.0	140633.7	-5102.2
7880	9.8	135119.0	-5152.0	7970	10.0	135943.4	-5108.2	8060	9.9	140636.0	-5100.6
7881	10.0	135120.2	-5100.6	7971	10.0	135954.3	-5147.6	8061	9.9	140638.5	-5142.8
7882	10.0	135121.2	-5154.0	7972	10.0	135955.0	-5122.8	8062	10.0	140639.6	-5114.4
7883	10.0	135125.0	-5118.8	7973	10.0	135957.6	-5104.8	8063	10.0	140649.2	-5101.8
7884	9.8	135129.3	-5127.9	7974	10.0	140006.7	-5135.8	8064	9.5	140650.5	-5116.5
7885	10.0	135148.8	-5102.5	7975	10.0	140008.2	-5110.8	8065	10.0	140653.7	-5109.4
7886	10.0	135151.0	-5126.2	7976	9.4	140009.1	-5141.4	8066	10.0	140653.8	-5155.4
7887	10.0	135152.8	-5142.9	7977	10.0	140010.1	-5137.2	8067	9.8	140657.5	-5105.8
7888	10.0	135156.7	-5100.6	7978	10.0	140016.4	-5135.4	8068	10.0	140658.3	-5147.1
7889	10.0	135158.7	-5135.0	7979	9.8	140021.8	-5149.5	8069	10.0	140708.2	-5113.4
7890	9.5	135208.3	-5156.2	7980	10.0	140022.3	-5106.6	8070	10.0	140709.5	-5106.5
7891	10.0	135223.7	-5125.5	7981	9.9	140032.8	-5150.8	8071	10.0	140715.8	-5127.8
7892	10.0	135227.0	-5129.2	7982	10.0	140045.6	-5107.8	8072	9.8	140716.2	-5146.2
7893	10.0	135235.8	-5143.0	7983	9.9	140046.2	-5121.4	8073	10.0	140731.3	-5101.2
7894	10.0	135238.5	-5102.5	7984	10.0	140048.1	-5139.5	8074	10.0	140737.2	-5109.5
7895	10.0	135239.5	-5154.9	7985	9.3	140048.6	-5116.3	8075	10.0	140737.6	-5154.8
7896	10.0	135245.3	-5152.0	7986	10.0	140048.7	-5149.4	8076	9.6	140739.8	-5124.7
7897	10.0	135252.5	-5129.0	7987	9.1	140051.2	-5120.0	8077	9.5	140746.9	-5126.5
7898	10.0	135256.0	-5123.5	7988	10.0	140100.3	-5137.5	8078	10.0	140747.8	-5103.5
7899	10.0	135259.2	-5149.2	7989	9.8	140103.7	-5114.0	8079	9.8	140750.2	-5110.6
7900	10.0	135301.2	-5118.7	7990	10.0	140103.8	-5128.2	8080	10.0	140753.2	-5120.5
7901	10.0	135301.8	-5148.2	7991	9.6	140104.0	-5131.2	8081	10.0	140800.7	-5133.2
7902	10.0	135307.4	-5153.2	7992	10.0	140108.9	-5153.9	8082	10.0	140801.0	-5100.3
7903	9.4	135311.6	-5108.0	7993	10.0	140114.2	-5104.3	8083	10.0	140802.9	-5142.8
7904	10.0	135316.2	-5134.3	7994	10.0	140115.8	-5114.5	8084	9.4	140804.8	-5150.2
7905	9.9	135326.0	-5116.3	7995	10.0	140129.8	-5118.2	8085	10.0	140807.5	-5139.9
7906	9.9	135329.2	-5127.9	7996	10.0	140132.1	-5159.6	8086	10.0	140815.0	-5146.2
7907	10.0	135332.0	-5113.6	7997	10.0	140144.2	-5144.5	8087	10.0	140819.8	-5127.2
7908	10.0	135345.8	-5145.0	7998	10.0	140151.0	-5144.5	8088	9.8	140823.3	-5159.0
7909	9.9	135347.4	-5141.8	7999	9.0	140159.0	-5121.1	8089	10.0	140829.2	-5102.5
7910	10.0	135353.1	-5138.2	8000	10.0	140203.7	-5156.8	8090	10.0	140830.6	-5151.6
7911	8.5	135410.7	-5156.9	8001	9.8	140207.5	-5138.5	8091	10.0	140834.4	-5150.6
7912	10.0	135414.8	-5152.0	8002	10.0	140217.6	-5145.2	8092	9.7	140840.2	-5147.5
7913	9.9	135425.5	-5115.3	8003	10.0	140231.0	-5156.5	8093	9.5	140846.2	-5110.0
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7916	10.0	135447.6	-5135.9	8006	8.4	140242.2	-5127.5	8096	10.0	140905.4	-5157.0
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7918	10.0	135512.4	-5140.0	8008	10.0	140254.4	-5111.2	8098	10.0	140908.0	-5105.0
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7921	7.5	135521.4	-5127.2	8011	10.0	140312.9	-5123.6	8101	10.0	140929.0	-5126.4
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7923	10.0	135547.8	-5144.9	8013	10.0	140323.4	-5109.5	8103	10.0	140937.3	-5146.0
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8114	10.0	141045.8	-5119.2								
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8116	10.0	141050.9	-5156.8								
8117	10.0	141057.2	-5154.3								
8118	9.7	141110.0	-5134.6								
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8120	10.0	141115.7	-5157.6								
8121	9.6	141120.3	-5110.2								
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8142	10.0	141359.8	-5132.4								
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-51 8202 14h18m

-51 8561 14h45m

8202 10.0 141859.6 -5111.8	8292 10.0 142609.1 -5153.0	8382 10.0 143243.4 -5104.0	8472 9.4 143909.0 -5134.7
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-51 8562 14h45m

-51 8921 15h08m

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-51 8922 15h08m

-51 9281 15h27m

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8927	10.0	150823.2	-5138.0	9017	10.0	151314.4	-5110.4	9107	10.0	151807.0	-5156.5
8928	9.9	150823.9	-5137.2	9018	10.0	151316.0	-5111.4	9108	10.0	151807.3	-5155.0
8929	10.0	150832.7	-5139.2	9019	9.8	151316.7	-5140.6	9109	10.0	151810.0	-5142.6
8930	10.0	150835.0	-5136.6	9020	10.0	151318.5	-5116.3	9110	10.0	151817.3	-5109.0
8931	9.6	150838.5	-5134.0	9021	10.0	151321.3	-5128.5	9111	9.9	151818.0	-5131.2
8932	10.0	150844.2	-5128.7	9022	10.0	151328.4	-5148.6	9112	10.0	151818.8	-5110.4
8933	10.0	150845.0	-5156.0	9023	10.0	151334.7	-5144.3	9113	10.0	151822.4	-5104.8
8934	10.0	150848.3	-5100.4	9024	9.3	151337.1	-5131.1	9114	10.0	151823.0	-5127.8
8935	10.0	150849.1	-5110.6	9025	10.0	151340.4	-5141.0	9115	10.0	151824.9	-5145.8
8936	8.8	150849.1	-5149.2	9026	10.0	151349.0	-5112.3	9116	10.0	151831.9	-5122.0
8937	10.0	150855.4	-5155.0	9027	10.0	151350.2	-5108.7	9117	10.0	151836.1	-5125.5
8938	10.0	150901.2	-5106.4	9028	9.6	151354.4	-5128.0	9118	9.8	151837.2	-5128.5
8939	10.0	150901.3	-5127.4	9029	10.0	151355.7	-5156.2	9119	9.4	151841.8	-5109.6
8940	9.8	150904.4	-5109.3	9030	8.9	151356.2	-5150.9	9120	9.7	151842.0	-5118.6
8941	10.0	150906.0	-5142.9	9031	10.0	151402.5	-5140.0	9121	9.3	151846.2	-5104.5
8942	10.0	150909.0	-5158.2	9032	7.1	151405.4	-5116.9	9122	10.0	151849.7	-5155.1
8943	10.0	150912.8	-5137.4	9033	10.0	151417.2	-5108.3	9123	10.0	151851.8	-5159.3
8944	10.0	150915.6	-5118.8	9034	10.0	151417.8	-5127.6	9124	9.9	151854.3	-5123.4
8945	10.0	150916.5	-5147.6	9035	10.0	151420.4	-5119.9	9125	9.7	151855.0	-5148.3
8946	10.0	150917.2	-5144.0	9036	9.8	151420.4	-5121.4	9126	9.6	151900.5	-5154.4
8947	10.0	150920.1	-5158.0	9037	10.0	151420.8	-5140.2	9127	9.6	151904.9	-5104.5
8948	10.0	150920.1	-5148.1	9038	10.0	151423.4	-5147.1	9128	9.9	151908.0	-5127.4
8949	10.0	150923.2	-5158.2	9039	10.0	151424.0	-5114.2	9129	9.0	151910.4	-5156.1
8950	8.6	150928.3	-5139.5	9040	10.0	151427.2	-5146.0	9130	10.0	151911.9	-5104.5
8951	10.0	150929.5	-5149.6	9041	10.0	151428.7	-5118.0	9131	10.0	151916.4	-5120.6
8952	10.0	150932.0	-5123.5	9042	10.0	151429.6	-5126.4	9132	6.9	151920.7	-5109.6
8953	10.0	150935.4	-5110.2	9043	10.0	151437.5	-5151.6	9133	9.1	151926.6	-5135.5
8954	10.0	150936.0	-5129.9	9044	10.0	151444.7	-5131.0	9134	10.0	151929.2	-5130.0
8955	9.0	150946.2	-5120.3	9045	10.0	151451.4	-5112.0	9135	10.5	151931.8	-5157.8
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8958	10.0	150953.5	-5104.6	9048	9.4	151508.3	-5127.0	9138	10.0	151943.0	-5141.5
8959	10.0	150954.6	-5118.2	9049	10.0	151511.7	-5119.5	9139	10.0	151945.0	-5147.2
8960	9.9	151005.6	-5136.6	9050	10.0	151517.6	-5125.4	9140	10.0	151948.1	-5126.5
8961	9.2	151009.1	-5119.8	9051	10.0	151520.0	-5103.8	9141	9.9	151949.4	-5141.8
8962	9.5	151010.7	-5151.9	9052	9.5	151520.6	-5105.5	9142	10.0	151949.5	-5151.2
8963	9.5	151013.4	-5155.2	9053	9.8	151528.9	-5149.4	9143	10.0	151954.3	-5111.3
8964	10.0	151013.9	-5142.6	9054	10.0	151532.5	-5156.4	9144	9.9	151957.0	-5146.0
8965	9.8	151016.0	-5112.4	9055	10.0	151533.0	-5158.0	9145	9.8	152002.6	-5123.5
8966	10.0	151018.8	-5104.4	9056	10.5	151537.1	-5130.9	9146	10.0	152004.9	-5102.2
8967	9.9	151024.0	-5126.8	9057	9.0	151537.1	-5132.7	9147	10.0	152006.8	-5156.8
8968	9.3	151029.2	-5144.6	9058	10.0	151538.8	-5110.8	9148	10.0	152022.0	-5122.4
8969	10.0	151029.7	-5131.6	9059	10.0	151539.8	-5118.6	9149	9.0	152022.6	-5135.3
8970	8.1	151029.8	-5117.8	9060	10.0	151550.4	-5134.3	9150	8.3	152028.1	-5100.6
8971	10.0	151042.6	-5122.2	9061	9.5	151552.0	-5128.5	9151	10.5	152028.5	-5112.5
8972	10.0	151051.6	-5113.8	9062	10.0	151601.7	-5138.4	9152	10.5	152030.0	-5113.1
8973	10.0	151051.8	-5139.6	9063	9.8	151606.0	-5142.7	9153	9.1	152031.4	-5133.1
8974	8.3	151054.4	-5102.0	9064	10.0	151608.3	-5130.4	9154	10.5	152039.0	-5101.0
8975	10.0	151055.2	-5106.7	9065	10.0	151608.6	-5153.0	9155	10.0	152044.8	-5132.4
8976	10.0	151103.2	-5150.0	9066	9.8	151609.2	-5146.0	9156	10.0	152046.9	-5122.9
8977	10.0	151103.3	-5131.2	9067	9.5	151611.3	-5135.2	9157	7.0	152046.9	-5152.1
8978	9.8	151104.7	-5126.0	9068	10.0	151611.8	-5128.0	9158	10.0	152053.7	-5103.3
8979	10.0	151106.3	-5108.9	9069	10.0	151613.7	-5117.6	9159	10.0	152055.0	-5147.2
8980	10.0	151117.6	-5152.6	9070	10.0	151617.0	-5116.4	9160	10.0	152056.0	-5133.4
8981	9.6	151118.7	-5140.1	9071	10.0	151619.1	-5110.6	9161	10.0	152102.1	-5119.6
8982	10.0	151121.7	-5131.0	9072	10.5	151621.3	-5137.1	9162	9.7	152109.2	-5159.3
8983	10.0	151130.3	-5157.2	9073	10.0	151623.8	-5106.6	9163	10.0	152109.5	-5135.0
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8985	10.0	151133.4	-5101.9	9075	10.0	151627.4	-5111.6	9165	10.0	152120.0	-5149.3
8986	10.0	151133.9	-5114.0	9076	9.7	151628.5	-5126.4	9166	10.0	152121.0	-5109.9
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8988	10.0	151140.7	-5110.5	9078	10.0	151637.8	-5134.0	9168	10.0	152133.0	-5115.4
8989	10.0	151143.2	-5144.3	9079	10.0	151637.8	-5105.4	9169	10.0	152135.5	-5102.7
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8992	9.8	151148.6	-5118.7	9082	10.0	151654.4	-5112.6	9172	9.9	152143.2	-5121.4
8993	9.9	151152.0	-5141.6	9083	10.0	151658.2	-5156.7	9173	9.7	152148.7	-5113.9
8994	10.0	151152.4	-5102.5	9084	10.0	151704.2	-5130.2	9174	9.6	152151.6	-5122.9
8995	9.1	151155.4	-5120.6	9085	9.5	151711.4	-5122.0	9175	10.0	152151.8	-5105.6
8996	10.0	151155.7	-5155.0	9086	10.0	151715.7	-5116.6	9176	10.0	152152.9	-5116.8
8997	10.0	151158.4	-5106.4	9087	10.0	151717.2	-5130.8	9177	10.0	152158.0	-5107.9
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9000	10.0	151206.9	-5146.6	9090	10.0	151724.7	-5147.4	9180	9.8	152204.4	-5135.3
9001	10.0	151216.2	-5156.6	9091	10.0	151729.4	-5146.6	9181	10.0	152204.7	-5156.1
9002	9.2	151217.0	-5102.5	9092	9.9	151729.4	-5147.1	9182	10.5	152206.0	-5105.7
9003	9.5	151218.7	-5104.7	9093	9.5	151731.9	-5109.0	9183	10.0	152206.3	-5126.3
9004	10.0	151220.2	-5141.2	9094	10.5	151733.5	-5148.9	9184	9.6	152207.9	-5102.6
9005	9.1	151222.1	-5152.7	9095	10.0	151733.8	-5117.9	9185	8.4	152214.7	-5134.2
9006	10.0	151223.7	-5132.2	9096	10.0	151736.2	-5154.3	9186	10.0	152225.2	-5129.8
9007	10.0	151225.9	-5100.5	9097	10.0	151743.8	-5121.6	9187	10.0	152227.5	-5126.0
9008	10.0	151228.4	-5116.3	9098	11.0	151749.5	-5130.6	9188	8.6	152232.3	-5132.5
9009	10.0	151229.2	-5149.6	9099	8.9	151751.0	-5129.4	9189	10.5	152235.2	-5119.5
9010	10.0	151242.8	-5145.3	9100	9.6	151752.8	-5150.4	9190	8.5	152235.6	-5149.7
9011	10.0	151244.8	-5126.2	9101	10.0	151755.1	-5153.8	9191	10.0	152236.8	-5105.9
9192	10.0	152238.8	-5119.5								
9193	9.8	152242.6	-5125.8								
9194	10.0	152243.7	-5130.0								
9195	10.0	152249.7	-5151.6								
9196	10.0	152253.8	-5105.7								
9197	10.0	152258.2	-5156.0								
9198	10.0	152305.6	-5111.0								
9199	10.0	152317.2	-5150.7								
9200	10.0	152317.4	-5104.0								
9201	10.0	152319.7	-5102.2								
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9203	10.0	152329.9	-5131.1								
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9205	10.0	152340.0	-5117.4								
9206	10.0	152343.3	-5112.9								
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9209	10.0	152350.7	-5146.2								
9210	9.6	152353.7	-5105.5								
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9214	10.0	152400.2	-5137.5								
9215	10.0	152401.6	-5125.0								
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9217	10.0	152410.4	-5142.2								
9218	10.0	152413.3	-5135.7								
9219	9.8	152415.8	-5157.8								
9220	9.9	152416.5	-5139.0								
9221	10.0	152418.4	-5119.9								
9222	10.0	152419.2	-5120.6								
9223	9.8	152419.4	-5158.5								
9224	10.0	152420.2	-5156.8								
9225	9.9	152420.6	-5115.8								
9226	9.7	152421.6	-5110.4								
9227	9.7	152429.5	-5112.1								
9228	10.0	152430.2	-5130.4								
9229	10.0	152431.9	-5126.0								
9230	10.0	152437.8	-5138.1								
9231	10.0	152438.1	-5139.9								
9232	10.0	152438.3	-5100.3								
9233	10.0	152442.7	-5109.4								
9234	10.0	152446.8	-5124.6								
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9237	10.0	152458.2	-5101.7								
9238	10.0	152500.2	-5154.3								
9239	9.9	152500.2	-5100.8								
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9243	9.9	152510.8	-5136.0								
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9246	9.2	152513.5	-5113.4								
9247	9.5	152520.6	-5104.5								
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9249	10.0	152530.2	-5134.2								
9250	9.5	152531.4	-5119.3								
9251	10.0	152544.7	-5149.8								
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9255	9.8	152559.0	-5103.9								
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9258	10.0	152605.2	-5141.4								
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9270	10.0	152644.5	-5105.3								
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-51 9282 15h27m

-51 9641 15h47m

9282 10.0 152721.8 -5126.1	9372 10.0 153221.5 -5154.2	9462 9.7 153645.3 -5130.3	9552 10.0 154141.8 -5142.4
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9299 9.6 152814.0 -5114.9	9389 11.0 153505.7 -5132.1	9479 10.0 153739.0 -5100.2	9569 9.8 154228.4 -5121.8
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9307 10.0 152827.2 -5137.4	9397 10.0 153330.2 -5156.4	9487 10.0 153814.6 -5129.3	9577 10.0 154258.9 -5117.3
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9642	10.0	154756.7	-5133.8	9732	10.0	155358.4	-5106.9	9822	10.0	160051.0	-5112.6
9643	9.0	154758.7	-5105.1	9733	10.0	155422.0	-5105.4	9823	9.2	160054.7	-5131.5
9644	10.0	154803.5	-5107.6	9734	10.0	155424.0	-5129.8	9824	10.0	160101.8	-5141.8
9645	10.0	154806.1	-5106.2	9735	10.0	155425.1	-5136.0	9825	8.1	160105.9	-5137.9
9646	9.9	154808.0	-5146.6	9736	10.0	155436.7	-5108.9	9826	10.0	160110.0	-5107.3
9647	9.9	154808.0	-5141.6	9737	10.0	155440.0	-5126.5	9827	10.0	160120.0	-5127.8
9648	9.5	154820.6	-5145.1	9738	10.0	155442.3	-5132.2	9828	10.0	160121.2	-5144.4
9649	9.4	154823.4	-5121.6	9739	9.0	155444.6	-5111.6	9829	10.0	160124.2	-5128.8
9650	10.0	154837.3	-5114.9	9740	10.0	155447.9	-5101.8	9830	10.0	160128.0	-5122.3
9651	10.0	154858.0	-5127.3	9741	10.0	155452.7	-5144.8	9831	9.9	160128.8	-5115.9
9652	10.0	154900.4	-5126.9	9742	10.0	155454.3	-5154.0	9832	10.0	160129.3	-5142.8
9653	10.0	154904.8	-5101.4	9743	10.0	155456.0	-5113.2	9833	10.0	160137.5	-5117.7
9654	9.3	154908.6	-5155.9	9744	10.0	155457.2	-5108.8	9834	10.0	160139.8	-5103.2
9655	9.9	154909.3	-5119.6	9745	9.9	155459.5	-5111.9	9835	10.0	160142.9	-5106.4
9656	11.0	154912.0	-5125.7	9746	9.4	155503.5	-5135.6	9836	10.0	160142.9	-5116.6
9657	8.5	154912.3	-5124.4	9747	10.0	155507.0	-5145.6	9837	9.9	160144.4	-5109.8
9658	9.6	154912.7	-5123.8	9748	9.5	155510.5	-5117.6	9838	10.0	160147.4	-5151.9
9659	9.4	154919.9	-5102.6	9749	10.0	155510.5	-5156.8	9839	10.0	160153.7	-5118.4
9660	10.0	154930.5	-5130.4	9750	10.0	155516.5	-5123.9	9840	9.8	160158.8	-5103.8
9661	10.0	154933.5	-5145.8	9751	10.0	155523.0	-5134.0	9841	10.0	160200.2	-5108.6
9662	10.0	154937.2	-5124.4	9752	10.0	155524.6	-5108.6	9842	10.0	160200.6	-5152.1
9663	10.0	154939.0	-5141.6	9753	10.0	155525.0	-5152.8	9843	10.0	160201.9	-5134.5
9664	9.9	154941.6	-5112.7	9754	10.0	155525.8	-5136.5	9844	10.0	160203.0	-5115.6
9665	9.4	154944.8	-5105.5	9755	10.0	155529.5	-5103.2	9845	10.0	160204.0	-5147.8
9666	9.1	154945.7	-5156.8	9756	10.0	155539.8	-5121.8	9846	10.0	160204.8	-5141.6
9667	9.5	154946.0	-5106.3	9757	10.0	155540.5	-5150.6	9847	9.8	160211.0	-5117.5
9668	10.0	154954.0	-5138.0	9758	9.9	155544.3	-5133.8	9848	9.9	160220.9	-5127.5
9669	10.0	154956.3	-5105.5	9759	9.8	155545.1	-5125.0	9849	10.0	160227.6	-5110.8
9670	9.1	155001.4	-5157.5	9760	10.0	155549.6	-5127.5	9850	9.7	160231.5	-5158.6
9671	9.9	155001.7	-5126.9	9761	10.0	155551.6	-5136.8	9851	10.0	160231.8	-5136.0
9672	9.5	155007.2	-5125.7	9762	10.0	155602.0	-5124.6	9852	10.0	160233.8	-5105.8
9673	10.0	155009.5	-5109.9	9763	10.0	155605.4	-5134.0	9853	9.9	160239.5	-5123.6
9674	9.3	155010.1	-5132.7	9764	10.0	155612.5	-5120.0	9854	9.6	160240.0	-5144.9
9675	9.3	155011.8	-5127.9	9765	9.9	155613.0	-5143.6	9855	10.0	160243.0	-5134.7
9676	10.0	155012.5	-5106.5	9766	10.0	155616.3	-5140.3	9856	9.3	160248.0	-5149.8
9677	10.0	155018.2	-5116.3	9767	10.0	155619.7	-5143.3	9857	10.0	160248.2	-5110.6
9678	9.1	155021.0	-5121.5	9768	10.0	155624.0	-5104.3	9858	10.0	160250.5	-5109.8
9679	10.0	155022.9	-5103.9	9769	10.0	155640.0	-5117.6	9859	8.0	160255.3	-5131.3
9680	10.0	155026.6	-5109.7	9770	10.0	155646.5	-5129.8	9860	10.0	160258.8	-5112.2
9681	10.0	155027.4	-5108.9	9771	10.0	155648.0	-5119.9	9861	10.0	160300.6	-5115.4
9682	10.0	155038.2	-5102.4	9772	10.0	155649.4	-5107.6	9862	10.0	160306.0	-5106.4
9683	10.0	155038.5	-5116.5	9773	10.0	155701.5	-5125.6	9863	10.0	160309.1	-5132.0
9684	9.0	155041.5	-5159.1	9774	10.0	155708.3	-5132.5	9864	9.6	160310.5	-5151.0
9685	10.0	155041.8	-5159.8	9775	10.0	155712.9	-5121.3	9865	10.0	160311.6	-5108.0
9686	10.0	155042.5	-5149.9	9776	10.0	155715.2	-5142.0	9866	10.0	160312.7	-5100.6
9687	10.0	155044.6	-5159.3	9777	10.0	155719.0	-5104.3	9867	9.9	160314.1	-5116.4
9688	10.0	155045.9	-5116.5	9778	10.0	155720.5	-5104.7	9868	10.0	160319.8	-5141.7
9689	10.0	155046.3	-5109.9	9779	10.0	155720.8	-5154.5	9869	10.0	160321.6	-5149.6
9690	10.0	155049.5	-5134.2	9780	10.0	155724.0	-5110.3	9870	10.0	160325.4	-5124.8
9691	10.0	155052.5	-5130.7	9781	10.0	155733.5	-5121.3	9871	10.0	160328.3	-5139.9
9692	9.6	155053.9	-5126.7	9782	10.0	155736.1	-5118.5	9872	9.7	160328.8	-5122.9
9693	10.0	155054.6	-5109.0	9783	10.0	155740.1	-5123.8	9873	10.0	160332.6	-5130.4
9694	10.0	155100.5	-5108.2	9784	9.9	155747.9	-5120.9	9874	10.0	160334.5	-5144.0
9695	9.2	155101.0	-5135.9	9785	10.0	155748.2	-5130.8	9875	10.0	160335.9	-5146.9
9696	9.3	155103.7	-5154.5	9786	10.0	155748.7	-5132.6	9876	10.0	160336.3	-5103.8
9697	9.8	155106.5	-5122.5	9787	9.9	155752.4	-5102.6	9877	10.0	160338.5	-5108.4
9698	9.8	155110.5	-5143.8	9788	10.0	155752.6	-5150.5	9878	10.0	160338.8	-5131.2
9699	10.0	155111.8	-5141.3	9789	10.0	155758.3	-5119.8	9879	10.0	160343.6	-5118.6
9700	9.9	155129.8	-5125.4	9790	9.8	155758.3	-5103.5	9880	9.8	160344.0	-5116.4
9701	10.0	155130.0	-5139.2	9791	10.0	155806.0	-5134.0	9881	10.0	160347.4	-5127.0
9702	10.0	155130.9	-5106.9	9792	10.0	155810.0	-5109.2	9882	10.0	160349.0	-5100.6
9703	10.0	155133.8	-5103.0	9793	9.9	155814.6	-5135.8	9883	10.0	160349.8	-5126.6
9704	10.0	155140.3	-5108.4	9794	10.0	155823.4	-5155.6	9884	9.4	160349.9	-5114.9
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-5110002 16h09m

-5110361 16h28m

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10074 10.0 161241.4 -5140.2	10164 10.0 161637.1 -5148.4	10254 10.0 162130.8 -5151.4	10344 10.0 162729.6 -5105.5
10075 10.0 161243.6 -5135.8	10165 10.0 161638.0 -5151.5	10255 8.1 162131.0 -5123.2	10345 10.0 162730.2 -5132.3
10076 10.0 161244.8 -5121.0	10166 10.0 161638.4 -5122.9	10256 10.0 162134.6 -5137.6	10346 10.0 162735.8 -5128.9
10077 9.9 161245.7 -5127.8	10167 10.0 161639.9 -5159.5	10257 9.9 162138.0 -5134.6	10347 10.0 162740.2 -5110.6
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10079 9.8 161254.5 -5133.1	10169 9.8 161644.7 -5130.4	10259 10.0 162146.6 -5126.8	10349 10.0 162745.7 -5114.7
10080 10.0 161306.2 -5144.0	10170 10.0 161650.8 -5127.1	10260 10.0 162148.2 -5140.8	10350 9.3 162746.7 -5156.4
10081 10.0 161308.0 -5158.8	10171 10.0 161654.8 -5137.5	10261 9.8 162148.5 -5155.2	10351 10.0 162747.2 -5111.4
10082 10.0 161311.9 -5103.1	10172 10.0 161700.4 -5147.6	10262 10.0 162151.5 -5145.8	10352 10.0 162752.4 -5147.3
10083 10.0 161312.0 -5114.3	10173 10.0 161701.7 -5148.2	10263 10.0 162158.8 -5148.4	10353 10.0 162811.6 -5158.3
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10090 10.0 161331.5 -5158.2	10180 9.8 161725.0 -5131.2	10270 10.0 162229.7 -5112.2	10360 9.0 162823.2 -5117.0
10091 10.0 161338.4 -5144.3	10181 9.2 161728.3 -5129.2	10271 10.0 162232.2 -5101.7	10361 10.0 162823.3 -5122.4

10362	9.9	162827.8	-5104.8	10452	10.0	163430.7	-5105.5	10542	10.0	164124.0	-5107.3	10632	9.9	165039.1	-5156.2
10363	9.9	162829.6	-5142.8	10453	10.0	163435.6	-5143.3	10543	10.0	164129.4	-5112.0	10633	9.5	165040.6	-5147.7
10364	10.0	162830.3	-5109.2	10454	10.0	163435.9	-5135.9	10544	9.8	164146.2	-5114.4	10634	10.5	165041.3	-5147.0
10365	9.8	162832.2	-5112.3	10455	9.3	163451.9	-5145.8	10545	9.9	164154.9	-5100.6	10635	9.9	165048.7	-5103.2
10366	8.9	162833.5	-5137.9	10456	10.0	163511.0	-5108.8	10546	10.0	164158.2	-5129.3	10636	10.0	165050.8	-5132.2
10367	10.0	162849.0	-5136.0	10457	10.0	163512.4	-5103.5	10547	9.9	164207.4	-5157.3	10637	10.0	165054.0	-5149.6
10368	9.9	162852.3	-5107.0	10458	10.0	163515.4	-5107.3	10548	10.0	164214.3	-5133.6	10638	9.9	165056.4	-5127.3
10369	10.0	162853.2	-5124.3	10459	10.0	163516.2	-5106.3	10549	10.0	164214.4	-5105.8	10639	9.3	165106.3	-5125.2
10370	10.0	162858.9	-5104.6	10460	10.0	163522.1	-5139.8	10550	10.0	164218.9	-5141.9	10640	10.0	165120.2	-5136.2
10371	10.0	162900.0	-5133.4	10461	10.0	163525.9	-5147.9	10551	10.0	164220.7	-5120.0	10641	10.0	165140.6	-5156.0
10372	10.0	162903.0	-5116.0	10462	10.0	163526.1	-5122.9	10552	10.0	164225.9	-5146.3	10642	9.6	165142.5	-5153.2
10373	9.5	162903.4	-5120.8	10463	10.0	163530.0	-5140.8	10553	10.0	164227.4	-5127.8	10643	9.9	165146.8	-5153.8
10374	10.0	162906.2	-5131.3	10464	10.0	163530.4	-5155.5	10554	9.8	164240.6	-5150.4	10644	10.0	165152.2	-5149.0
10375	9.9	162906.5	-5126.9	10465	10.0	163535.5	-5138.5	10555	10.0	164241.0	-5106.6	10645	9.6	165159.2	-5119.4
10376	10.0	162923.3	-5133.8	10466	10.0	163538.9	-5154.7	10556	10.0	164249.4	-5115.2	10646	9.5	165201.4	-5114.2
10377	10.0	162930.0	-5116.9	10467	10.0	163542.5	-5157.6	10557	10.0	164250.0	-5113.9	10647	10.0	165214.6	-5109.8
10378	10.0	162930.5	-5149.0	10468	10.0	163545.8	-5137.6	10558	9.8	164301.2	-5140.3	10648	10.0	165220.6	-5101.5
10379	10.0	162931.2	-5122.2	10469	9.0	163548.9	-5152.2	10559	10.0	164301.4	-5123.2	10649	8.1	165229.3	-5130.4
10380	10.0	162931.4	-5150.9	10470	10.0	163549.1	-5144.0	10560	10.0	164307.7	-5152.4	10650	10.0	165244.8	-5138.6
10381	10.0	162933.3	-5109.4	10471	10.0	163553.8	-5107.0	10561	10.0	164311.2	-5145.6	10651	10.0	165245.8	-5139.2
10382	10.0	162940.1	-5110.8	10472	9.7	163555.4	-5117.7	10562	10.0	164317.2	-5141.6	10652	10.0	165300.0	-5142.2
10383	9.9	162942.2	-5159.6	10473	10.0	163600.4	-5109.1	10563	10.0	164318.6	-5146.6	10653	10.0	165307.1	-5101.3
10384	9.9	162945.1	-5139.5	10474	10.0	163605.2	-5104.3	10564	8.9	164325.7	-5129.9	10654	10.0	165322.3	-5102.9
10385	7.7	162945.5	-5134.4	10475	10.0	163610.5	-5118.7	10565	10.0	164333.7	-5107.6	10655	10.0	165326.8	-5157.2
10386	10.0	162948.1	-5102.9	10476	10.0	163614.6	-5102.5	10566	10.0	164340.3	-5143.3	10656	10.0	165328.2	-5115.4
10387	10.0	162959.9	-5125.1	10477	9.8	163618.5	-5125.4	10567	9.5	164346.7	-5158.0	10657	10.0	165331.2	-5132.1
10388	10.0	163000.9	-5113.4	10478	10.0	163619.2	-5126.5	10568	9.6	164348.7	-5153.3	10658	10.0	165333.5	-5158.2
10389	9.7	163002.2	-5116.5	10479	10.0	163619.9	-5153.7	10569	9.3	164349.9	-5107.3	10659	8.3	165342.3	-5101.2
10390	9.6	163003.0	-5157.0	10480	10.0	163620.3	-5149.8	10570	9.0	164351.9	-5103.6	10660	10.0	165350.8	-5159.2
10391	8.5	163003.3	-5144.4	10481	9.6	163628.1	-5154.4	10571	9.7	164352.7	-5147.4	10661	10.0	165351.9	-5100.8
10392	9.0	163003.6	-5145.0	10482	9.0	163630.2	-5159.1	10572	10.0	164402.2	-5147.8	10662	10.0	165357.2	-5148.2
10393	9.5	163006.7	-5152.4	10483	9.6	163630.4	-5153.5	10573	9.3	164402.5	-5151.9	10663	10.0	165402.3	-5129.2
10394	10.0	163011.9	-5153.5	10484	10.0	163644.6	-5111.9	10574	8.3	164415.8	-5119.0	10664	10.0	165406.4	-5129.8
10395	9.9	163019.1	-5111.4	10485	10.0	163644.8	-5142.7	10575	9.2	164433.0	-5140.8	10665	9.6	165409.6	-5124.8
10396	10.0	163019.6	-5151.0	10486	10.0	163646.7	-5122.4	10576	9.9	164433.9	-5117.8	10666	10.0	165411.4	-5128.3
10397	10.0	163042.6	-5133.0	10487	10.0	163649.4	-5124.9	10577	10.0	164439.2	-5130.6	10667	10.0	165421.9	-5119.9
10398	10.0	163043.7	-5158.4	10488	9.4	163651.7	-5128.7	10578	10.0	164448.8	-5152.1	10668	10.0	165426.6	-5103.8
10399	10.0	163045.7	-5151.6	10489	10.0	163655.2	-5130.6	10579	10.0	164450.7	-5142.5	10669	10.0	165427.0	-5110.0
10400	10.0	163054.6	-5134.5	10490	10.0	163708.0	-5128.6	10580	10.0	164453.0	-5145.7	10670	10.0	165428.1	-5130.2
10401	10.0	163056.0	-5101.9	10491	10.0	163709.7	-5138.5	10581	10.0	164455.7	-5144.8	10671	9.8	165429.3	-5140.7
10402	10.0	163059.0	-5154.6	10492	10.0	163709.8	-5113.4	10582	10.0	164508.8	-5159.2	10672	9.6	165439.0	-5159.3
10403	6.8	163105.5	-5113.8	10493	9.9	163710.1	-5141.5	10583	10.0	164512.5	-5123.8	10673	9.8	165439.2	-5111.8
10404	9.8	163106.5	-5130.6	10494	10.0	163713.4	-5100.8	10584	9.8	164513.3	-5100.7	10674	10.0	165443.6	-5103.6
10405	10.0	163111.3	-5139.8	10495	10.0	163724.2	-5104.0	10585	10.0	164513.7	-5135.6	10675	10.0	165455.6	-5144.2
10406	9.9	163120.4	-5132.4	10496	10.0	163726.8	-5132.1	10586	10.0	164514.1	-5141.0	10676	8.6	165458.5	-5113.4
10407	10.0	163125.5	-5130.4	10497	10.0	163727.8	-5122.9	10587	10.0	164519.0	-5102.0	10677	10.0	165502.3	-5113.4
10408	10.0	163126.8	-5138.4	10498	8.4	163730.1	-5120.9	10588	10.0	164535.6	-5143.4	10678	10.0	165508.7	-5109.4
10409	10.0	163131.6	-5130.9	10499	10.0	163741.2	-5127.3	10589	10.0	164608.5	-5150.9	10679	10.0	165508.8	-5130.4
10410	8.0	163138.8	-5108.9	10500	10.0	163744.4	-5127.8	10590	10.0	164609.6	-5145.0	10680	10.0	165513.8	-5132.0
10411	10.0	163139.6	-5107.1	10501	9.9	163756.1	-5103.7	10591	10.0	164617.8	-5127.3	10681	9.9	165525.5	-5110.4
10412	10.0	163141.4	-5153.0	10502	10.0	163803.4	-5148.7	10592	8.2	164618.7	-5141.4	10682	10.0	165528.8	-5107.7
10413	10.0	163145.9	-5102.9	10503	9.2	163808.2	-5132.4	10593	10.0	164639.4	-5121.8	10683	9.5	165529.2	-5122.0
10414	10.0	163148.8	-5154.3	10504	10.0	163813.4	-5126.0	10594	10.0	164640.2	-5109.4	10684	9.5	165538.2	-5142.3
10415	10.0	163156.0	-5148.5	10505	10.0	163815.8	-5103.6	10595	9.0	164643.4	-5137.7	10685	10.0	165549.1	-5147.2
10416	10.0	163158.4	-5156.6	10506	10.0	163834.8	-5100.8	10596	10.0	164701.2	-5138.4	10686	10.0	165553.0	-5156.8
10417	10.0	163159.1	-5128.2	10507	9.8	163843.0	-5104.1	10597	9.9	164701.8	-5150.8	10687	9.9	165558.6	-5157.7
10418	10.0	163203.4	-5149.3	10508	9.6	163849.2	-5124.2	10598	10.0	164704.5	-5112.6	10688	10.0	165603.2	-5101.8
10419	10.0	163207.4	-5141.6	10509	10.0	163851.5	-5108.2	10599	10.0	164705.3	-5105.8	10689	9.5	165614.5	-5152.4
10420	10.0	163208.9	-5128.0	10510	10.0	163858.6	-5158.6	10600	10.0	164712.2	-5132.4	10690	10.0	165624.6	-5121.3
10421	10.0	163212.9	-5158.9	10511	10.0	163905.7	-5159.3	10601	10.0	164720.8	-5105.0	10691	10.0	165627.9	-5106.4
10422	10.0	163213.6	-5120.0	10512	9.0	163914.0	-5104.7	10602	10.0	164725.4	-5102.8	10692	10.0	165629.8	-5119.2
10423	10.0	163215.6	-5135.7	10513	10.0	163916.4	-5118.8	10603	9.9	164732.4	-5157.0	10693	10.0	165635.8	-5133.3
10424	10.0	163219.2	-5145.6	10514	10.0	163918.2	-5102.7	10604	9.9	164734.6	-5140.9	10694	10.0	165637.2	-5102.5
10425	10.0	163221.1	-5159.2	10515	10.0	163919.4	-5131.6	10605	9.8	164735.2	-5103.2	10695	9.5	165644.6	-5139.8
10426	10.0	163232.0	-5133.5	10516	10.0	163920.2	-5133.8	10606	10.0	164745.5	-5131.9	10696	9.3	165659.4	-5138.3
10427	10.0	163235.9	-5150.5	10517	10.0	163927.9	-5139.0	10607	10.0	164807.0	-5124.9	10697	10.0	165708.6	-5126.3
10428	10.0	163238.2	-5109.0	10518	10.0	163928.9	-5139.8	10608	8.2	164814.4	-5100.7	10698	10.0	165716.2	-5110.0
10429	9.8	163240.3	-5119.2	10519	10.0	163953.3	-5158.1	10609	9.9	164816.6	-5133.4	10699	10.0	165729.4	-5108.3
10430	10.0	163240.4	-5108.6	10520	10.0	163954.6	-5151.7	10610	10.0	164824.0	-5155.1	10700	10.0	165733.1	-5158.2
10431	9.6	163256.2	-5142.0	10521	10.0	163955.4	-5130.8	10611	9.2	164833.7	-5150.9	10701	9.9	165748.3	-5142.9
10432	10.0	163258.4	-5150.5	10522	10.0	163956.2	-5120.6	10612	10.0	164843.6	-5126.9	10702	10.0	165755.7	-5116.0
10433	10.0	163305.5	-5149.6	10523	10.0	164012.6	-5106.7	10613	10.0	164849.6	-5122.2	10703	9.2	165801.0	-5153.4
10434	10.0	163307.4	-5159.5	10524	10.0	164014.6	-5109.8	10614	10.0	164853.2	-5128.8	10704	10.0	165822.8	-5103.4
10435	9.9	163314.8	-5118.8	10525	10.0	164022.7	-5155.9	10615	10.0	164859.8	-5146.2	10705	9.8	165824.3	-5104.0
10436	9.8	163318.2	-5114.4	10526	9.9	164023.4	-5117.6	10616	10.0	164911.8	-5122.6	10706	9.6	165849.4	-5100.3
10437	9.9	163319.2	-5110.9	10527	10.0	164023.8	-5138.3	10617	10.0	164917.2	-5131.1	10707	10.0	165859.8	-5144.3
10438	10.0	163333.7	-5131.4	10528	10.0	164031.0	-5134.6	10618	10.0	164934.8	-5146.1	10708	10.0	165901.2	-5145.3
10439	10.0	163334.6	-5151.5	10529	9.6	164034.7	-5119.9	10619	10.0	164939.1	-5141.2	10709	10.0	165902.6	-5156.6
10440	10.0	163341.9	-5152.4	10530	10.0	164040.2	-5140.9	10620	10.0	164944.3	-5110.6	10710	10.0	165919.2	-5104.8
10441	10.0	163342.4	-5143.0	10531	9.8	164040.5	-5104.9	10621	10.0	164948.5	-5145.1	10711	10.0	165930.8	-5110.4
10442	10.0	163344.8	-5141.5	10532	9.9	164047.0	-5150.8	10622	10.0	164953.6	-5116.0	10712	9.6	165933.5	-5111.0
10443	10.0	163352.8	-5150.0	10533	8.3	164047.0	-5119.4	10623	10.0	164953.7	-5121.5	10713	10.0	165935.8	-5138.2
10444	10.0	163356.4	-5148.7	10534	10.0	164056.5	-5129.8	10624	10.0	164957.2	-5132.4	10714	9.9	165938.4	-5132.3
10445	8.7	163358.4	-5147.2	10535	10.0	164108.2	-5125.8	10625	10.0	165001.2	-5101.4	10715	10.0	165938.6	-5124.0
10446	9.8	163404.4	-5146.5	10536	10.0	164109.9	-5138.2	10626	10.0	165006.8	-5104.2	10716	7.8	165939.6	-5143.2
10447	10.0	163420.8	-5104.5	10537	10.0	164110.8	-5135.0	10627	10.0	165008.8	-5110.8	10717	9.6	165950.4	-5149.5
10448	10.0	163422.3	-5127.7	10538	10.0	164110.9	-5128.9	10628	10.0	165011.4	-5131.6	10718	10.0	170002.6	-5155.4
10449	10.0	163426.1	-5159.7	10539	9.9	164114.5	-5101.5	10629	10.0	165014.2	-5124.1	10719	10.0	170004.8	-5153.7
10450	10.0	163429.1	-5105.0	10540	10.0	164119.7	-5158.8	10630	10.0	165018.2	-5120.7	10720	8.5	170024.3	-5142.4
10451	10.0	163430.0	-5128.5	10541	9.9	164120.7	-5138.9	10631	9.3	165022.2	-5148.1	10721	10.0	170034.6	-5155.0

-5110722 17h00m

-5111081 17h33m

10722	10.0	170037.5	-5126.5	10812	9.8	170941.1	-5112.3	10902	10.0	171837.0	-5111.2	10992	10.0	172617.0	-5111.9
10723	10.0	170049.6	-5147.2	10813	8.5	171007.3	-5149.6	10903	10.0	171842.3	-5149.5	10993	10.0	172618.7	-5130.5
10724	10.0	170102.5	-5142.5	10814	10.0	171015.2	-5158.2	10904	10.0	171846.4	-5139.2	10994	10.0	172619.8	-5118.6
10725	9.9	170109.7	-5153.3	10815	10.0	171021.0	-5101.4	10905	10.0	171847.4	-5124.3	10995	10.0	172622.1	-5131.1
10726	10.0	170110.4	-5117.0	10816	10.0	171026.8	-5124.0	10906	9.5	171900.7	-5104.6	10996	10.0	172625.6	-5113.7
10727	9.9	170114.0	-5157.2	10817	10.0	171031.1	-5131.7	10907	10.0	171902.8	-5157.2	10997	9.7	172633.6	-5120.2
10728	8.5	170120.8	-5146.3	10818	9.8	171049.8	-5118.2	10908	10.0	171903.8	-5126.7	10998	10.0	172634.8	-5136.2
10729	9.4	170123.7	-5103.6	10819	10.0	171050.5	-5142.7	10909	10.0	171907.6	-5157.4	10999	10.0	172636.8	-5121.5
10730	10.0	170139.8	-5123.2	10820	10.0	171055.6	-5137.7	10910	9.3	171924.3	-5143.3	11000	10.0	172644.3	-5101.5
10731	10.0	170142.6	-5140.3	10821	10.0	171057.4	-5113.9	10911	9.6	171932.2	-5105.1	11001	10.0	172711.1	-5136.3
10732	9.8	170147.7	-5118.2	10822	9.8	171102.7	-5158.2	10912	10.0	171932.8	-5104.7	11002	10.0	172716.1	-5114.3
10733	10.0	170148.5	-5140.3	10823	10.0	171116.8	-5156.3	10913	10.0	171934.5	-5116.8	11003	10.0	172717.8	-5105.7
10734	10.0	170150.7	-5135.8	10824	10.0	171130.2	-5143.2	10914	10.0	171934.6	-5156.0	11004	10.0	172719.9	-5108.8
10735	10.0	170207.5	-5122.5	10825	10.0	171133.1	-5120.7	10915	10.0	171934.6	-5158.0	11005	9.4	172724.6	-5137.5
10736	10.0	170214.3	-5103.4	10826	10.0	171137.0	-5111.5	10916	9.8	171939.2	-5133.1	11006	9.0	172732.6	-5105.1
10737	10.0	170216.6	-5108.1	10827	9.9	171137.7	-5106.4	10917	9.7	171944.0	-5118.8	11007	10.0	172734.8	-5152.4
10738	10.0	170219.7	-5156.4	10828	10.0	171139.5	-5105.8	10918	10.0	171946.8	-5146.8	11008	10.0	172738.0	-5104.7
10739	9.2	170237.6	-5142.5	10829	8.0	171147.0	-5150.6	10919	10.0	171948.0	-5154.6	11009	10.0	172739.0	-5157.0
10740	11.2	170240.6	-5143.5	10830	10.0	171158.6	-5100.4	10920	10.0	171950.0	-5116.3	11010	10.0	172739.6	-5157.2
10741	10.0	170256.5	-5133.7	10831	9.0	171159.5	-5112.7	10921	8.5	172003.6	-5121.3	11011	10.0	172753.5	-5145.2
10742	9.9	170257.4	-5118.5	10832	8.3	171206.6	-5143.1	10922	10.0	172014.1	-5112.0	11012	10.0	172804.0	-5129.3
10743	10.0	170302.1	-5146.5	10833	10.0	171208.5	-5125.9	10923	10.0	172019.1	-5119.1	11013	10.0	172805.9	-5101.2
10744	10.0	170310.8	-5133.3	10834	10.0	171218.2	-5123.9	10924	9.8	172021.0	-5131.4	11014	9.1	172806.0	-5137.6
10745	10.0	170321.8	-5127.9	10835	9.5	171221.0	-5132.7	10925	8.6	172024.6	-5152.3	11015	9.1	172807.7	-5135.6
10746	9.3	170323.5	-5138.9	10836	10.0	171223.7	-5109.1	10926	10.0	172041.2	-5114.0	11016	10.0	172808.8	-5108.9
10747	9.9	170328.5	-5148.9	10837	9.2	171224.1	-5136.6	10927	9.9	172048.0	-5149.4	11017	9.9	172809.4	-5132.3
10748	9.9	170328.6	-5110.2	10838	10.0	171227.6	-5129.5	10928	9.6	172102.8	-5134.5	11018	10.0	172820.9	-5141.6
10749	9.3	170330.5	-5140.5	10839	9.7	171228.5	-5158.8	10929	10.0	172114.7	-5135.3	11019	10.0	172825.7	-5106.8
10750	10.0	170332.8	-5125.3	10840	9.5	171231.4	-5102.8	10930	10.0	172145.2	-5131.3	11020	9.2	172831.7	-5100.3
10751	9.1	170338.1	-5143.4	10841	10.0	171235.8	-5157.8	10931	10.0	172149.0	-5134.8	11021	10.0	172833.6	-5135.0
10752	10.0	170339.6	-5128.9	10842	10.0	171239.0	-5158.9	10932	9.9	172153.3	-5128.1	11022	10.0	172834.8	-5121.2
10753	9.9	170341.6	-5127.9	10843	10.0	171242.8	-5110.7	10933	8.9	172154.5	-5147.2	11023	10.0	172841.2	-5136.2
10754	9.8	170344.0	-5106.6	10844	10.0	171245.1	-5115.0	10934	9.8	172202.6	-5150.3	11024	10.0	172842.4	-5126.8
10755	9.2	170345.5	-5143.6	10845	9.9	171255.1	-5111.6	10935	9.9	172209.6	-5139.3	11025	10.0	172843.5	-5133.3
10756	10.0	170349.4	-5156.4	10846	10.0	171304.6	-5109.7	10936	10.0	172219.6	-5102.7	11026	10.0	172902.3	-5127.8
10757	9.9	170402.2	-5107.4	10847	10.0	171308.7	-5117.8	10937	10.0	172220.0	-5123.4	11027	10.0	172903.8	-5154.0
10758	9.8	170402.6	-5114.7	10848	10.0	171314.7	-5154.8	10938	10.0	172220.5	-5128.5	11028	10.0	172904.9	-5157.1
10759	9.4	170408.6	-5135.3	10849	10.0	171320.2	-5104.7	10939	10.0	172227.6	-5140.4	11029	10.0	172907.0	-5106.6
10760	10.0	170409.8	-5132.4	10850	8.5	171324.2	-5130.8	10940	10.0	172229.6	-5159.7	11030	10.0	172908.1	-5101.7
10761	9.4	170416.4	-5156.8	10851	10.0	171326.7	-5121.7	10941	10.0	172232.8	-5119.3	11031	10.0	172914.7	-5108.9
10762	9.9	170417.4	-5149.3	10852	10.0	171354.3	-5117.2	10942	9.9	172233.3	-5111.3	11032	10.0	172917.3	-5130.6
10763	10.0	170421.2	-5103.1	10853	9.9	171400.6	-5146.8	10943	10.0	172235.0	-5121.5	11033	9.0	172922.0	-5107.5
10764	10.0	170422.1	-5114.5	10854	10.0	171404.0	-5136.1	10944	9.9	172235.9	-5102.3	11034	10.0	172922.4	-5118.5
10765	9.4	170424.8	-5155.4	10855	9.8	171405.3	-5131.2	10945	10.0	172245.5	-5101.6	11035	8.7	172923.3	-5107.3
10766	9.7	170425.9	-5123.2	10856	10.0	171406.1	-5108.8	10946	10.0	172246.6	-5119.3	11036	10.0	172926.0	-5106.7
10767	10.0	170438.4	-5110.7	10857	9.9	171407.0	-5112.2	10947	10.0	172251.9	-5143.3	11037	10.0	172929.2	-5118.6
10768	10.0	170445.6	-5123.0	10858	9.7	171417.2	-5157.6	10948	10.0	172257.3	-5153.3	11038	9.7	172930.9	-5158.1
10769	10.0	170500.2	-5114.2	10859	10.0	171418.9	-5103.8	10949	8.4	172259.1	-5100.4	11039	10.0	172934.3	-5136.0
10770	9.9	170504.4	-5112.6	10860	9.8	171423.2	-5131.9	10950	10.0	172300.6	-5110.6	11040	10.0	172941.9	-5101.7
10771	10.0	170516.1	-5105.1	10861	10.0	171426.8	-5113.0	10951	10.0	172322.0	-5106.1	11041	10.0	172942.3	-5133.4
10772	10.0	170521.1	-5100.0	10862	10.0	171437.1	-5139.3	10952	10.0	172326.3	-5148.2	11042	10.0	172955.2	-5148.1
10773	10.0	170530.6	-5105.6	10863	10.0	171438.7	-5136.9	10953	10.0	172327.3	-5152.0	11043	10.0	172958.7	-5126.4
10774	8.2	170534.7	-5117.5	10864	10.0	171441.3	-5125.7	10954	10.0	172327.9	-5113.3	11044	10.0	173007.4	-5121.0
10775	10.0	170537.0	-5151.9	10865	10.0	171442.3	-5134.4	10955	9.5	172329.1	-5116.2	11045	10.0	173008.2	-5137.4
10776	10.0	170539.2	-5127.6	10866	8.3	171447.4	-5118.0	10956	10.0	172334.2	-5120.6	11046	10.0	173008.7	-5144.5
10777	10.0	170554.0	-5126.9	10867	10.0	171451.6	-5146.1	10957	10.0	172337.5	-5105.0	11047	9.5	173009.8	-5150.2
10778	10.0	170603.6	-5132.4	10868	10.0	171519.9	-5130.8	10958	10.0	172338.9	-5130.0	11048	10.0	173009.8	-5155.2
10779	10.0	170609.6	-5154.6	10869	9.9	171527.7	-5121.8	10959	10.0	172339.8	-5126.0	11049	9.6	173012.9	-5156.4
10780	9.9	170616.6	-5119.0	10870	10.0	171551.4	-5120.2	10960	9.7	172342.3	-5133.7	11050	9.8	173015.0	-5117.8
10781	9.8	170622.0	-5154.4	10871	10.0	171607.2	-5128.0	10961	10.0	172346.4	-5123.2	11051	9.7	173020.7	-5123.0
10782	10.0	170625.2	-5113.3	10872	10.0	171612.1	-5130.5	10962	10.0	172352.1	-5133.7	11052	9.9	173024.8	-5110.6
10783	9.9	170632.7	-5112.3	10873	10.0	171621.5	-5142.6	10963	9.5	172358.1	-5144.6	11053	10.0	173045.9	-5157.6
10784	9.9	170637.2	-5126.7	10874	10.0	171622.2	-5135.0	10964	9.9	172359.2	-5158.4	11054	9.9	173049.3	-5103.0
10785	9.9	170642.6	-5137.4	10875	9.3	171632.5	-5139.5	10965	10.0	172402.4	-5155.3	11055	9.9	173058.3	-5155.2
10786	9.8	170643.4	-5142.5	10876	8.8	171640.8	-5138.6	10966	10.0	172408.4	-5101.3	11056	10.0	173059.4	-5109.6
10787	10.0	170646.1	-5134.8	10877	9.8	171642.4	-5110.7	10967	9.9	172410.5	-5116.1	11057	10.0	173100.3	-5137.0
10788	10.0	170648.5	-5108.1	10878	10.0	171647.8	-5119.2	10968	10.0	172423.0	-5119.6	11058	10.0	173109.6	-5102.7
10789	10.0	170659.4	-5107.0	10879	10.0	171650.2	-5110.2	10969	10.0	172428.2	-5107.7	11059	10.0	173115.6	-5142.7
10790	10.0	170706.0	-5104.0	10880	9.3	171656.8	-5142.1	10970	9.9	172431.8	-5159.0	11060	9.5	173116.9	-5153.4
10791	10.0	170712.3	-5113.5	10881	6.9	171702.6	-5150.2	10971	10.0	172437.2	-5115.2	11061	9.8	173117.6	-5110.7
10792	10.0	170719.8	-5105.0	10882	9.9	171702.9	-5149.0	10972	9.9	172440.1	-5111.5	11062	10.0	173128.3	-5151.7
10793	10.0	170726.0	-5158.5	10883	9.4	171711.8	-5116.7	10973	10.0	172444.1	-5151.7	11063	10.0	173133.3	-5153.8
10794	10.0	170741.3	-5152.3	10884	8.0	171719.8	-5133.3	10974	10.0	172446.2	-5156.6	11064	9.8	173133.4	-5123.0
10795	10.0	170750.1	-5142.0	10885	10.0	171734.3	-5104.6	10975	10.0	172448.0	-5144.7	11065	9.0	173136.3	-5150.2
10796	10.0	170751.8	-5124.3	10886	9.7	171745.3	-5123.3	10976	10.0	172452.4	-5109.4	11066	10.0	173140.0	-5147.4
10797	10.0	170754.9	-5145.1	10887	9.7	171747.6	-5103.5	10977	10.0	172455.1	-5120.8	11067	9.4	173142.2	-5141.4
10798	10.0	170756.2	-5123.0	10888	10.0	171747.8	-5122.2	10978	10.0	172501.7	-5126.7	11068	9.8	173152.4	-5118.6
10799	8.6	170801.7	-5152.4	10889	10.0	171752.6	-5130.9	10979	10.0	172509.3	-5144.8	11069	10.0	173158.6	-5117.6
10800	9.8	170819.1	-5137.6	10890	10.0	171753.2	-5135.2	10980	9.6	172510.3	-5136.0	11070	10.0	173203.9	-5107.0
10801	10.0	170827.0	-5114.6	10891	10.0	171753.7	-5145.3	10981	9.9	172518.2	-5115.5	11071	10.0	173219.2	-5137.0
10802	9.8	170830.3	-5127.5	10892	10.0	171754.6	-5147.0	10982	8.7	172520.9	-5131.9	11072	10.0	173226.2	-5130.5
10803	10.0	170858.0	-5126.6	10893	10.0	171808.8	-5134.8	10983	10.0	172525.3	-5123.7	11073	10.0	173241.2	-5149.0
10804	10.0	170909.8	-5149.7	10894	10.0	171809.2	-5110.7	10984	10.0	172528.6	-5113.5	11074	8.4	173249.4	-5146.5
10805	10.0	170910.5	-5115.9	10895	10.0	171815.5	-5100.7	10985	10.0	172529.2	-5116.4	11075	8.9	173251.6	-5154.8
10806	9.6	170915.2	-5151.0	10896	10.0	171817.4	-5139.3	10986	10.0	172533.4	-5138.0	11076	10.0	173253.8	-5100.7
10807	9.2	170922.0	-5118.8	10897	10.0	171826.7	-5151.8	10987	10.0	172556.0	-5127.2	11077	10.0	173254.7	-5108.5
10808	9.7	170923.7	-5122.1	10898	10.0	171832.0	-5159.0	10988	10.0	172557.0	-5104.7	11078	10.0	173255.4	-5131.6
10809	9.4	170928.5	-5151.0	10899	9.7	171834.4	-5101.8	10989	10.0	172558.7	-5132.4	11079	10.0	173307.4	-5106.0
10810	9.9	170939.6	-5149.3	10900	9.8	171835.1	-5157.8	10990	10.0	172603.3	-5106.6	11080	9.4	173312.7	-5103.5
10811	9.8	170939.8	-5111.6	10901	10.0	171836.1	-5109.4	10991	9.5	172608.4	-5139.0	11081	9.3	173314.3	-5100.7

11082	9.4	173316.3	-5103.2	11172	8.5	174028.8	-5104.4	11262	10.0	174655.2	-5114.8
11083	10.0	173337.1	-5101.6	11173	9.5	174041.1	-5159.7	11263	10.0	174655.6	-5137.5
11084	10.0	173337.7	-5133.5	11174	10.0	174042.4	-5150.2	11264	9.9	174658.3	-5105.7
11085	10.0	173346.3	-5139.9	11175	10.0	174046.5	-5105.2	11265	9.8	174711.4	-5158.1
11086	10.0	173346.6	-5129.0	11176	10.0	174046.7	-5148.2	11266	10.0	174724.9	-5152.0
11087	10.0	173356.2	-5131.8	11177	9.6	174050.4	-5123.1	11267	9.6	174725.2	-5128.1
11088	10.0	173357.4	-5116.2	11178	10.0	174051.7	-5134.0	11268	10.0	174734.8	-5127.1
11089	10.0	173359.0	-5147.2	11179	10.0	174052.5	-5102.6	11269	10.0	174735.6	-5147.1
11090	10.0	173359.9	-5157.3	11180	10.0	174053.0	-5131.6	11270	10.0	174755.4	-5153.2
11091	10.0	173401.9	-5154.4	11181	10.0	174055.0	-5101.6	11271	10.0	174757.5	-5158.4
11092	10.0	173404.0	-5124.1	11182	10.0	174106.2	-5130.1	11272	10.0	174758.6	-5148.1
11093	9.8	173409.2	-5111.7	11183	9.2	174114.3	-5139.0	11273	10.0	174759.8	-5108.3
11094	5.7	173413.3	-5145.9	11184	9.8	174115.6	-5121.3	11274	10.0	174802.1	-5115.0
11095	9.9	173417.4	-5104.6	11185	9.9	174121.6	-5138.0	11275	10.0	174805.8	-5107.7
11096	9.3	173428.5	-5118.9	11186	10.0	174124.7	-5124.1	11276	9.4	174824.7	-5142.1
11097	9.9	173436.9	-5150.7	11187	10.0	174126.0	-5128.1	11277	10.0	174845.3	-5159.2
11098	9.9	173438.4	-5149.5	11188	9.9	174129.1	-5111.4	11278	10.0	174846.3	-5108.7
11099	9.9	173441.0	-5155.7	11189	10.0	174133.4	-5124.1	11279	9.7	174901.3	-5136.2
11100	10.0	173442.1	-5108.5	11190	9.9	174135.6	-5111.5	11280	9.7	174905.7	-5132.2
11101	10.0	173447.8	-5134.0	11191	10.0	174142.4	-5117.0	11281	10.0	174918.0	-5112.5
11102	9.3	173458.3	-5119.6	11192	10.0	174146.6	-5125.5	11282	10.0	174927.5	-5109.7
11103	10.0	173505.8	-5140.4	11193	10.0	174152.0	-5104.8	11283	10.0	174928.6	-5129.6
11104	9.6	173509.5	-5104.3	11194	10.0	174153.9	-5107.0	11284	10.0	174929.2	-5106.4
11105	10.0	173510.1	-5133.1	11195	10.0	174159.4	-5149.6	11285	9.6	174932.0	-5107.1
11106	9.9	173512.8	-5117.1	11196	10.0	174207.7	-5138.1	11286	10.0	174937.7	-5139.8
11107	9.7	173515.4	-5130.4	11197	10.0	174209.7	-5113.4	11287	9.6	174940.9	-5112.4
11108	10.0	173521.4	-5116.2	11198	10.0	174210.2	-5123.0	11288	10.0	174942.9	-5141.7
11109	10.0	173528.5	-5104.1	11199	10.0	174213.8	-5125.3	11289	10.0	174949.4	-5124.1
11110	10.0	173531.4	-5118.7	11200	10.0	174218.5	-5125.9	11290	10.0	174959.8	-5140.7
11111	9.3	173537.1	-5106.4	11201	10.0	174220.0	-5146.4	11291	9.8	175013.5	-5108.1
11112	10.0	173542.0	-5152.8	11202	7.8	174222.8	-5140.6	11292	10.0	175028.9	-5146.5
11113	10.0	173544.2	-5101.9	11203	10.0	174231.0	-5122.0	11293	10.0	175036.0	-5151.4
11114	9.8	173601.0	-5121.2	11204	10.0	174234.6	-5137.0	11294	10.0	175044.6	-5116.9
11115	9.4	173601.0	-5156.6	11205	10.0	174240.1	-5135.3	11295	10.0	175049.0	-5104.6
11116	10.0	173602.7	-5152.5	11206	10.0	174243.3	-5102.2	11296	10.0	175056.2	-5145.4
11117	10.0	173611.7	-5109.2	11207	10.0	174244.6	-5140.6	11297	9.9	175057.9	-5158.1
11118	10.0	173618.8	-5146.0	11208	10.0	174245.3	-5146.1	11298	9.1	175105.2	-5124.5
11119	9.8	173619.7	-5151.2	11209	10.0	174251.2	-5106.1	11299	9.4	175111.9	-5137.0
11120	10.0	173623.6	-5149.8	11210	10.0	174251.6	-5132.4	11300	9.3	175118.7	-5149.2
11121	9.7	173643.0	-5132.0	11211	10.0	174253.1	-5122.1	11301	10.0	175122.0	-5101.8
11122	9.9	173652.6	-5126.7	11212	10.0	174304.0	-5107.9	11302	9.1	175124.1	-5145.8
11123	10.0	173654.5	-5147.9	11213	10.0	174308.4	-5129.9	11303	10.0	175129.5	-5136.8
11124	9.9	173657.3	-5155.6	11214	10.0	174309.7	-5143.9	11304	10.0	175132.7	-5107.2
11125	9.9	173658.6	-5103.0	11215	10.0	174320.0	-5145.5	11305	10.0	175148.4	-5109.4
11126	10.0	173659.1	-5158.4	11216	10.0	174320.7	-5130.9	11306	9.8	175156.2	-5114.0
11127	9.8	173700.0	-5131.6	11217	9.9	174326.3	-5107.5	11307	9.6	175217.3	-5155.6
11128	10.0	173705.4	-5144.3	11218	9.3	174328.5	-5124.7	11308	9.9	175221.2	-5103.8
11129	10.0	173709.6	-5110.1	11219	10.0	174330.7	-5120.8	11309	10.0	175225.4	-5126.5
11130	10.0	173710.6	-5151.5	11220	9.6	174331.6	-5112.7	11310	10.0	175237.6	-5106.1
11131	10.0	173717.4	-5132.1	11221	9.9	174332.3	-5115.3	11311	9.9	175246.8	-5108.5
11132	10.0	173720.8	-5103.6	11222	9.3	174335.4	-5142.8	11312	7.5	175308.2	-5138.3
11133	10.0	173725.4	-5107.3	11223	9.9	174338.7	-5159.1	11313	10.0	175314.7	-5113.4
11134	9.7	173729.4	-5144.9	11224	9.8	174341.7	-5138.5	11314	9.9	175318.4	-5122.9
11135	10.0	173730.0	-5101.3	11225	9.8	174343.9	-5131.0	11315	10.0	175325.8	-5156.2
11136	10.0	173744.6	-5154.8	11226	10.0	174357.4	-5111.2	11316	10.0	175326.8	-5117.5
11137	10.0	173745.4	-5154.0	11227	10.0	174405.8	-5105.7	11317	10.0	175332.1	-5147.8
11138	9.8	173750.0	-5117.7	11228	10.0	174406.3	-5107.0	11318	10.0	175339.8	-5103.2
11139	10.0	173751.9	-5112.3	11229	10.0	174412.4	-5115.3	11319	10.0	175342.7	-5117.8
11140	9.9	173758.0	-5158.6	11230	10.0	174418.7	-5141.8	11320	10.0	175349.3	-5107.1
11141	9.5	173800.9	-5156.8	11231	10.0	174421.8	-5125.2	11321	10.0	175351.3	-5151.6
11142	9.7	173807.1	-5138.0	11232	10.0	174422.7	-5136.7	11322	10.0	175354.6	-5112.5
11143	9.5	173812.1	-5143.0	11233	10.0	174432.6	-5149.2	11323	10.0	175355.7	-5159.8
11144	8.0	173821.3	-5123.8	11234	10.0	174437.4	-5157.7	11324	10.0	175401.6	-5124.4
11145	9.9	173832.2	-5152.0	11235	10.0	174444.0	-5120.0	11325	10.0	175402.6	-5109.0
11146	10.0	173838.6	-5120.6	11236	9.3	174454.6	-5129.3	11326	10.0	175405.2	-5116.6
11147	10.0	173845.2	-5140.0	11237	10.0	174455.0	-5102.2	11327	10.0	175406.0	-5111.3
11148	10.0	173847.8	-5139.6	11238	10.0	174456.7	-5105.0	11328	10.0	175411.7	-5123.0
11149	9.8	173849.5	-5146.1	11239	9.8	174504.1	-5107.2	11329	10.0	175420.2	-5151.1
11150	10.0	173850.5	-5117.1	11240	10.0	174510.6	-5121.1	11330	10.0	175425.3	-5112.1
11151	10.0	173851.4	-5101.3	11241	10.0	174518.4	-5121.4	11331	10.0	175428.1	-5110.8
11152	10.0	173854.8	-5134.0	11242	10.0	174518.5	-5105.7	11332	10.0	175429.0	-5125.3
11153	9.9	173855.8	-5118.2	11243	10.0	174523.8	-5112.0	11333	10.0	175439.3	-5154.8
11154	10.0	173903.8	-5100.7	11244	10.0	174532.2	-5121.4	11334	10.0	175441.6	-5129.1
11155	10.0	173904.1	-5120.0	11245	9.9	174540.8	-5149.8	11335	9.8	175442.2	-5139.9
11156	10.0	173907.6	-5126.3	11246	10.0	174546.3	-5104.2	11336	10.0	175451.8	-5116.8
11157	10.0	173909.0	-5146.6	11247	9.9	174546.7	-5123.5	11337	10.0	175455.0	-5131.8
11158	10.0	173912.7	-5155.1	11248	10.0	174547.6	-5125.1	11338	9.3	175458.0	-5141.5
11159	10.0	173930.7	-5151.1	11249	9.9	174552.5	-5132.2	11339	9.9	175504.8	-5128.9
11160	10.0	173931.2	-5154.9	11250	9.6	174557.1	-5112.3	11340	10.0	175513.6	-5100.4
11161	10.0	173938.2	-5148.1	11251	10.0	174600.2	-5130.6	11341	9.3	175518.6	-5107.3
11162	10.0	173938.4	-5106.7	11252	9.6	174606.3	-5111.6	11342	10.0	175525.1	-5134.5
11163	10.0	173944.8	-5116.6	11253	10.0	174612.0	-5104.5	11343	9.3	175540.5	-5115.6
11164	10.0	173944.8	-5125.8	11254	10.0	174614.2	-5156.1	11344	10.0	175557.0	-5145.8
11165	10.0	173953.3	-5148.5	11255	9.9	174619.6	-5137.1	11345	10.0	175607.1	-5116.4
11166	10.0	174000.0	-5110.1	11256	10.0	174619.8	-5124.2	11346	10.0	175608.2	-5156.6
11167	10.0	174005.6	-5128.6	11257	10.0	174643.3	-5139.2	11347	9.1	175613.7	-5117.9
11168	10.0	174008.4	-5107.5	11258	10.0	174646.5	-5111.7	11348	6.9	175614.0	-5144.8
11169	10.0	174009.5	-5141.0	11259	9.4	174650.4	-5150.2	11349	9.9	175620.3	-5140.8
11170	9.9	174021.4	-5100.3	11260	10.0	174652.4	-5133.2	11350	10.0	175628.3	-5135.1
11171	10.0	174027.0	-5140.5	11261	10.0	174654.2	-5111.3	11351	10.0	175632.7	-5124.2
11352	10.0	175634.6	-5126.1								
11353	10.0	175635.8	-5131.1								
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11355	9.5	175653.6	-5114.3								
11356	9.8	175657.3	-5146.4								
11357	9.9	175702.8	-5134.5								
11358	10.0	175714.5	-5159.4								
11359	9.8	175721.7	-5118.2								
11360	10.0	175724.5	-5133.7								
11361	10.0	175724.7	-5134.1								
11362	9.8	175725.6	-5109.1								
11363	9.8	175726.2	-5122.5								
11364	9.6	175731.4	-5124.6								
11365	10.0	175739.7	-5115.8								
11366	9.3	175741.2	-5106.9								
11367	10.0	175754.2	-5116.2								
11368	10.0	175759.3	-5158.2								
11369	9.7	175802.5	-5139.4								
11370	10.0	175810.2	-5113.3								
11371	9.9	175818.1	-5130.5								
11372	9.8	175839.4	-5106.1								
11373	10.0	175840.2	-5156.6								
11374	9.9	175841.5	-5154.0								
11375	10.0	175909.6	-5114.5								
11376	10.0	175911.1	-5114.4								
11377	10.0	175916.9	-5112.2								
11378	9.7	175917.1	-5108.6								
11379	10.0	175918.3	-5157.0								
11380	10.0	175921.7	-5148.2								
11381	10.0	175923.6	-5131.5								
11382	8.5	175931.7	-5105.1								
11383	10.0	175935.9	-5140.3								
11384	9.1	175936.3	-5111.2								
11385	10.0	175940.4	-5105.0								
11386	10.0	180000.8	-5133.5								
11387	10.0	180001.8	-5110.7								
11388	10.0	180001.8	-5158.2								
11389	10.0	180002.2	-5106.4								
11390	10.0	180003.9	-5110.9								
11391	10.0	180005.4	-5152.0								
11392	8.3	180006.4	-5138.9								
11393	10.0	180010.7	-5112.0								
11394	10.0	180028.1	-5147.2								
11395	10.0	180042.4	-5120.9								
11396	10.0	180044.3	-5126.8								
11397	9.4	180048.4	-5100.2								
11398	10.0	180049.9	-5117.8								
11399	10.0	180114.2	-5141.8								
11400	10.0	180116.4	-5137.2								
11401	10.0	180120.8	-5154.4								
11402	10.0	180137.0	-5111.9								
11403	9.9	180139.4	-5119.5								
11404	10.0	180142.7	-5135.8								
11405	10.0	180147.1	-5156.5								
11406	10.0	180147.4	-5149.5								
11407	10.0	180153.2	-5148.4								
11408	9.1	180159.6	-5148.6								
11409	8.0	180205.1	-5140.4								
11410	9.9	180207.5	-5148.9								
11411	9.4	180211.2	-5136.3								
11412	10.0	180221.3	-5126.5								
11413	10.0	180222.2	-5122.8								
11414	10.0	180232.0	-5139.5								
11415	10.0	180235.6	-5154.0								
11416	9.8	180236.5	-5154.1								
11417	9.6	180241.2	-5106.6								
11418	10.0	180245.7	-5137.9								
11419	10.0	180303.0	-5126.9								
11420	10.0	180305.1	-5111.3								
11421	9.9	180317.0	-5141.9								
11422	10.0	180317.6	-5156.9								
11423	9.8	180323.2	-5158.3								
11424	10.0	180338.8	-5138.5								
11425	10.0	180339.4	-5135.8								
11426	10.0	180341.7	-5153.5								
11427	10.0	180350.6	-5125.4								
11428	9.9	180352.5	-5129.9								
11429	10.0	180404.7	-5126.6								
11430	10.0	180405.9	-5125.5								
11431	9.3	180410.5	-5100.9								
11432	10.0	180414.6	-5102.8								
11433	10.0	180427.9	-5104.9								
11434	10.0	180430.8	-5138.2								
11435	10.0	180434.2	-5116.6								
11436	9.7	180452.3	-5109.8								
11437	10.0	180452.7	-5104.1								
11438	10.0	180455.1	-5120.2								
11439	9.3	180456.5	-5149.5								
11440	10.0	180458.8	-5153.9								
11441	10.0	180513.4	-5125.8								

-5111442 18h05m

-5111801 18h42m

11442	10.0	180515.9	-5139.7	11532	10.0	181407.4	-5106.5	11622	10.0	182144.4	-5111.6
11443	10.0	180531.4	-5119.0	11533	10.0	181407.4	-5124.2	11623	10.0	182148.8	-5114.3
11444	8.7	180534.3	-5137.9	11534	9.8	181409.3	-5111.0	11624	10.0	182203.0	-5135.4
11445	8.6	180534.4	-5151.2	11535	10.0	181412.7	-5105.5	11625	10.0	182207.8	-5112.8
11446	9.8	180551.9	-5121.0	11536	10.0	181414.4	-5137.1	11626	10.0	182212.0	-5156.8
11447	9.7	180557.8	-5147.9	11537	10.0	181419.5	-5118.4	11627	7.7	182218.0	-5112.4
11448	10.0	180608.1	-5151.9	11538	9.9	181427.5	-5140.7	11628	10.0	182238.3	-5133.2
11449	10.0	180613.6	-5135.5	11539	7.7	181432.2	-5153.2	11629	10.0	182238.5	-5119.5
11450	10.0	180617.9	-5142.9	11540	9.9	181432.6	-5158.4	11630	9.8	182249.5	-5141.1
11451	10.0	180636.8	-5134.0	11541	9.9	181436.5	-5104.6	11631	10.0	182254.8	-5100.0
11452	10.0	180640.8	-5110.4	11542	10.0	181444.1	-5117.0	11632	10.0	182259.6	-5150.7
11453	10.0	180641.0	-5101.0	11543	9.6	181452.2	-5108.7	11633	10.0	182306.4	-5120.8
11454	9.3	180641.8	-5115.0	11544	10.0	181455.3	-5157.7	11634	10.0	182308.2	-5156.6
11455	10.0	180642.0	-5154.7	11545	10.0	181459.6	-5131.1	11635	9.9	182312.1	-5116.2
11456	10.0	180644.9	-5111.2	11546	10.0	181504.8	-5101.1	11636	9.1	182319.4	-5139.6
11457	9.4	180644.9	-5144.2	11547	9.8	181509.9	-5144.0	11637	10.0	182323.5	-5138.6
11458	9.5	180657.5	-5124.6	11548	10.0	181526.2	-5131.6	11638	10.0	182330.0	-5100.0
11459	10.0	180659.6	-5126.4	11549	10.0	181527.8	-5145.6	11639	10.0	182331.4	-5133.7
11460	6.5	180710.1	-5106.3	11550	10.0	181533.4	-5141.0	11640	10.0	182337.6	-5134.3
11461	9.4	180725.4	-5132.2	11551	10.0	181543.0	-5158.6	11641	9.5	182339.4	-5154.0
11462	9.9	180736.0	-5102.5	11552	10.0	181550.2	-5150.9	11642	9.8	182357.1	-5154.3
11463	10.0	180742.8	-5153.0	11553	10.0	181553.8	-5119.4	11643	10.0	182358.1	-5129.2
11464	10.0	180747.3	-5123.2	11554	9.7	181559.8	-5108.4	11644	9.9	182412.5	-5100.2
11465	10.0	180747.8	-5115.3	11555	7.9	181604.3	-5127.1	11645	9.1	182413.7	-5113.0
11466	9.9	180753.1	-5103.8	11556	10.0	181604.8	-5109.8	11646	10.0	182425.4	-5126.8
11467	10.8	180802.5	-5122.0	11557	10.0	181613.7	-5117.6	11647	10.0	182425.6	-5149.2
11468	9.9	180806.4	-5124.2	11558	9.7	181632.0	-5124.1	11648	9.9	182443.8	-5142.3
11469	9.9	180827.0	-5152.5	11559	9.7	181639.1	-5111.2	11649	9.9	182444.0	-5158.6
11470	10.0	180847.2	-5100.2	11560	9.9	181643.5	-5112.3	11650	10.0	182455.9	-5116.4
11471	10.0	180847.8	-5136.2	11561	10.0	181644.2	-5127.8	11651	10.0	182502.4	-5151.3
11472	9.5	180850.7	-5135.2	11562	9.9	181647.0	-5118.5	11652	9.9	182502.5	-5141.2
11473	9.6	180851.4	-5141.9	11563	8.4	181658.6	-5136.7	11653	10.0	182505.4	-5128.4
11474	9.5	180901.1	-5108.9	11564	9.9	181702.6	-5120.9	11654	10.0	182505.7	-5149.3
11475	9.8	180909.1	-5111.7	11565	9.0	181704.2	-5100.2	11655	10.0	182507.7	-5107.2
11476	9.9	180913.6	-5114.0	11566	8.2	181715.0	-5157.0	11656	10.0	182509.8	-5150.2
11477	10.0	180928.3	-5142.0	11567	9.6	181726.4	-5101.1	11657	10.0	182513.4	-5120.6
11478	10.0	180932.8	-5134.5	11568	10.0	181728.8	-5136.4	11658	10.0	182517.7	-5121.8
11479	10.0	180947.3	-5118.6	11569	10.0	181731.6	-5147.8	11659	9.1	182523.6	-5125.5
11480	10.0	180950.2	-5101.9	11570	10.0	181741.2	-5103.4	11660	10.0	182526.2	-5151.6
11481	10.0	180954.1	-5132.6	11571	10.0	181743.4	-5108.8	11661	10.0	182539.9	-5122.8
11482	10.0	181004.7	-5158.0	11572	9.9	181747.4	-5107.8	11662	10.0	182553.3	-5124.2
11483	9.8	181008.0	-5116.0	11573	9.5	181755.8	-5116.8	11663	10.0	182558.6	-5149.8
11484	10.0	181009.8	-5121.9	11574	10.0	181757.0	-5126.0	11664	10.0	182602.2	-5101.5
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11486	10.0	181020.4	-5139.8	11576	9.9	181805.6	-5129.9	11666	9.7	182615.2	-5126.7
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11488	10.0	181026.8	-5137.0	11578	10.0	181811.8	-5105.4	11668	10.0	182619.3	-5103.7
11489	10.0	181035.3	-5158.3	11579	10.0	181817.9	-5122.3	11669	10.0	182627.2	-5128.8
11490	10.0	181039.4	-5107.0	11580	8.3	181825.8	-5116.4	11670	10.0	182637.6	-5155.9
11491	10.0	181039.4	-5126.0	11581	10.0	181826.8	-5125.7	11671	9.9	182651.2	-5144.6
11492	9.9	181041.2	-5147.5	11582	9.8	181827.2	-5129.6	11672	9.5	182653.7	-5113.9
11493	9.4	181041.6	-5145.9	11583	10.0	181834.0	-5158.4	11673	10.0	182657.3	-5150.7
11494	9.4	181044.5	-5137.0	11584	10.0	181835.3	-5125.3	11674	10.0	182700.7	-5113.6
11495	10.0	181046.6	-5111.3	11585	10.0	181836.2	-5142.8	11675	9.9	182709.9	-5150.4
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11497	9.1	181115.6	-5109.8	11587	10.0	181902.3	-5104.5	11677	8.1	182716.2	-5143.8
11498	10.0	181119.3	-5123.9	11588	9.9	181904.4	-5129.3	11678	10.0	182724.2	-5104.2
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11500	10.0	181130.4	-5152.2	11590	10.0	181917.4	-5126.6	11680	10.0	182754.2	-5143.3
11501	9.8	181132.1	-5118.9	11591	9.4	181927.3	-5154.2	11681	9.8	182803.4	-5131.8
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11503	9.7	181138.2	-5119.6	11593	10.0	181935.3	-5107.5	11683	10.0	182808.4	-5156.3
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11716	10.0	183143.7	-5153.5								
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11720	9.9	183214.9	-5158.0								
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11727	9.2	183339.3	-5109.6								
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11736	8.3	183456.8	-5135.8								
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11748	9.5	183602.6	-5102.1								
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11757	9.9	183721.1	-5156.5								
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11793	10.0	184137.1	-5120.0								
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11796	10.0	184157.1	-5126.5								
11797	9.4	184212.2	-5130.8								
11798	10.0	184230.8	-5149.6								
11799	10.0	184235.1	-5140.6								
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-5111802 18h42m

-5112161 19h26m

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11817	10.0	184457.7	-5157.4	11907	10.0	185534.8	-5131.5	11997	9.8	190611.4	-5111.7
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11819	9.7	184512.4	-5153.7	11909	10.0	185547.1	-5148.9	11999	9.8	190616.3	-5116.5
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11840	9.9	184730.5	-5120.2	11930	9.9	185820.3	-5139.0	12020	10.0	190833.4	-5138.6
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11854	10.0	184909.0	-5123.2	11944	9.8	185947.4	-5143.8	12034	10.0	191019.7	-5156.9
11855	10.0	184929.0	-5134.2	11945	9.8	190002.5	-5114.1	12035	10.0	191037.1	-5120.4
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11859	8.0	184959.9	-5126.8	11949	10.0	190050.2	-5150.0	12039	10.0	191114.0	-5138.3
11860	10.0	185008.1	-5121.2	11950	10.0	190054.6	-5119.6	12040	9.2	191113.9	-5116.9
11861	10.0	185016.9	-5143.8	11951	9.8	190054.7	-5102.0	12041	9.6	191115.1	-5112.5
11862	10.0	185021.9	-5130.6	11952	10.0	190103.3	-5131.0	12042	9.2	191115.3	-5116.6
11863	9.5	185025.1	-5129.3	11953	10.0	190106.0	-5138.0	12043	9.7	191125.9	-5103.5
11864	10.0	185031.4	-5136.8	11954	10.0	190111.0	-5140.4	12044	10.0	191128.2	-5106.0
11865	9.4	185034.4	-5129.3	11955	10.0	190117.7	-5121.0	12045	10.0	191134.8	-5154.0
11866	9.9	185035.2	-5119.2	11956	10.0	190136.8	-5146.3	12046	10.0	191200.4	-5107.6
11867	10.0	185042.0	-5107.0	11957	10.0	190137.3	-5117.5	12047	9.9	191200.6	-5152.0
11868	10.0	185117.5	-5132.8	11958	10.0	190139.4	-5138.8	12048	10.0	191218.0	-5141.8
11869	10.0	185122.8	-5123.8	11959	10.0	190142.5	-5100.0	12049	10.0	191238.6	-5152.2
11870	10.0	185123.4	-5141.4	11960	10.0	190144.4	-5104.5	12050	9.9	191239.0	-5151.1
11871	9.2	185130.9	-5120.7	11961	9.5	190150.0	-5150.0	12051	10.0	191242.1	-5143.4
11872	9.9	185134.6	-5141.2	11962	9.9	190203.0	-5154.0	12052	9.9	191244.8	-5158.3
11873	10.0	185139.6	-5154.2	11963	10.0	190207.4	-5122.4	12053	10.0	191249.2	-5139.0
11874	8.3	185141.9	-5148.9	11964	9.9	190211.4	-5129.0	12054	6.5	191255.5	-5127.6
11875	10.0	185154.4	-5105.2	11965	10.0	190217.4	-5156.7	12055	8.3	191300.4	-5102.1
11876	10.0	185208.4	-5146.0	11966	9.8	190218.0	-5155.5	12056	10.0	191305.5	-5115.5
11877	9.3	185220.5	-5140.0	11967	10.0	190220.9	-5151.9	12057	10.0	191308.0	-5157.4
11878	10.0	185224.4	-5151.2	11968	10.0	190227.6	-5132.5	12058	10.0	191310.0	-5100.6
11879	10.0	185224.6	-5140.4	11969	10.0	190232.6	-5132.9	12059	9.9	191312.8	-5147.6
11880	10.0	185238.2	-5135.2	11970	9.4	190233.2	-5104.3	12060	10.0	191324.5	-5141.6
11881	10.0	185240.3	-5122.8	11971	9.7	190234.1	-5143.4	12061	10.0	191331.8	-5147.5
11882	9.1	185249.0	-5101.9	11972	9.9	190240.7	-5147.0	12062	9.9	191408.4	-5105.6
11883	9.7	185256.1	-5113.8	11973	10.0	190242.3	-5109.0	12063	10.0	191410.5	-5128.5
11884	9.2	185256.8	-5146.2	11974	10.0	190243.7	-5147.2	12064	9.6	191412.2	-5137.6
11885	10.0	185305.8	-5103.0	11975	10.0	190252.0	-5108.6	12065	9.9	191415.1	-5135.6
11886	10.0	185315.5	-5139.0	11976	10.0	190304.5	-5133.8	12066	10.0	191416.3	-5123.0
11887	8.6	185320.2	-5156.8	11977	9.8	190305.7	-5157.1	12067	10.0	191416.8	-5109.7
11888	10.0	185351.3	-5107.4	11978	9.8	190309.0	-5103.8	12068	9.6	191418.6	-5134.4
11889	9.9	185401.9	-5142.8	11979	10.0	190321.1	-5115.1	12069	10.0	191432.8	-5144.4
11890	10.0	185404.5	-5151.0	11980	10.0	190332.7	-5132.0	12070	10.0	191433.6	-5147.6
11891	10.0	185406.4	-5102.9	11981	9.7	190340.0	-5135.4	12071	9.8	191434.8	-5142.3
12072	10.0	191500.6	-5143.2								
12073	10.0	191500.8	-5109.6								
12074	9.8	191516.7	-5125.0								
12075	10.0	191520.6	-5119.5								
12076	9.2	191525.0	-5140.1								
12077	7.5	191530.3	-5120.3								
12078	10.0	191537.4	-5131.4								
12079	10.0	191537.9	-5142.8								
12080	9.6	191604.8	-5133.6								
12081	10.0	191605.3	-5102.9								
12082	9.5	191615.8	-5140.1								
12083	10.0	191622.7	-5135.1								
12084	9.6	191630.5	-5151.2								
12085	10.0	191638.5	-5158.4								
12086	9.6	191638.9	-5151.6								
12087	9.4	191640.4	-5106.5								
12088	9.8	191641.1	-5149.2								
12089	9.9	191649.5	-5145.6								
12090	9.4	191657.2	-5106.6								
12091	10.0	191710.8	-5105.1								
12092	10.0	191724.6	-5126.4								
12093	10.0	191725.6	-5119.1								
12094	10.0	191727.9	-5120.4								
12095	8.9	191735.0	-5142.4								
12096	10.0	191747.6	-5154.0								
12097	10.0	191759.6	-5126.4								
12098	10.0	191816.8	-5119.7								
12099	10.0	191820.9	-5135.4								
12100	10.0	191829.5	-5144.4								
12101	10.0	191844.6	-5125.1								
12102	10.0	191847.8	-5110.6								
12103	9.9	191851.5	-5147.9								
12104	10.0	191858.2	-5101.1								
12105	9.5	191859.4	-5154.2								
12106	10.0	191923.9	-5127.9								
12107	9.6	191928.6	-5153.2								
12108	9.3	191934.9	-5156.0								
12109	9.9	191937.0	-5131.4								
12110	10.0	191939.8	-5147.3								
12111	10.0	191945.5	-5158.0								
12112	10.0	191947.5	-5124.4								
12113	10.0	191951.4	-5151.6								
12114	9.8	191958.6	-5101.0								
12115	9.9	192018.5	-5103.1								
12116	10.0	192020.6	-5111.6								
12117	10.0	192024.6	-5135.4								
12118	9.2	192029.9	-5101.4								
12119	9.9	192034.0	-5112.6								
12120	9.8	192037.6	-5114.4								
12121	9.2	192045.4	-5135.0								
12122	10.0	192049.5	-5136.6								
12123	9.9	192109.0	-5116.4								
12124	9.5	192123.6	-5147.5								
12125	10.0	192136.8	-5128.6								
12126	9.8	192142.9	-5156.1								
12127	10.0	192148.0	-5102.2								
12128	9.9	192156.6	-5125.6								
12129	10.0	192203.7	-5111.7								
12130	9.9	192224.0	-5127.5								
12131	10.0	192225.8	-5111.4								
12132	10.0	192227.7	-5141.3								
12133	9.3	192233.0	-5136.5								
12134	9.9	192239.7	-5101.5								
12135	10.0	192241.2	-5128.0								
12136	10.0	192254.2	-5156.2								
12137	10.0	192254.2	-5127.0								
12138	9.8	192256.3	-5149.3								
12139	10.0	192259.3	-5120.3								
12140	9.4	192307.3	-5150.6								
12141	10.0	192311.2	-5126.6								
12142	9.4	192318.2	-5107.8								
12143	10.0	192351.9	-5126.2								
12144	10.0	192356.6	-5129.7								
12145	9.8	192403.4	-5148.8								
12146	10.0	192413.0	-5144.7								
12147	8.3	192428.0	-5101.1								
12148	10.0	192450.5	-5126.7								
12149	9.4	192452.9	-5132.8								
12150	9.9	192458.0	-5155.8								
12151	9.8	192510.2	-5148.8								
12152	8.6	192514.5	-5104.1								
12153	10.0	192522.5	-5138.6								
12154	9.8	192541.4	-5108.6								
12155	9.9	192544.2	-5141.7								
12156	10.0	192557.2	-5153.0								
12157	9.8	192559.0	-5151.0								
12158	10.0	192602.5	-5108.4								
12159	10.0	192614.4	-5158.4								
12160	10.0	192623.3	-5122.2								
12161	9.8	192629.6	-5105.6								

-5112162 19h26m

-5112521 20h15m

12162	9.6	192640.1	-5114.0	12252	9.7	194059.2	-5147.9	12342	9.5	195256.3	-5147.3
12163	10.0	192642.6	-5128.5	12253	10.0	194119.2	-5155.9	12343	10.0	195301.8	-5120.8
12164	10.0	192645.6	-5119.7	12254	9.9	194126.0	-5150.5	12344	9.9	195310.2	-5140.2
12165	10.0	192653.2	-5137.7	12255	10.0	194126.5	-5151.4	12345	9.4	195326.4	-5111.0
12166	10.0	192703.1	-5122.2	12256	9.9	194126.6	-5116.4	12346	10.0	195330.8	-5139.9
12167	10.0	192711.7	-5106.1	12257	9.5	194145.6	-5108.4	12347	10.0	195333.6	-5145.6
12168	9.0	192712.8	-5121.2	12258	9.1	194153.3	-5121.5	12348	10.0	195338.2	-5127.0
12169	9.6	192722.2	-5129.7	12259	6.9	194213.2	-5117.3	12349	10.0	195342.4	-5122.5
12170	9.9	192743.0	-5115.6	12260	10.0	194237.7	-5150.4	12350	10.0	195346.8	-5143.4
12171	10.0	192748.2	-5146.3	12261	9.9	194241.8	-5148.5	12351	9.9	195354.8	-5154.2
12172	10.0	192750.4	-5153.7	12262	8.7	194243.4	-5133.4	12352	10.0	195400.8	-5143.2
12173	10.0	192756.8	-5157.7	12263	10.0	194255.3	-5124.4	12353	10.0	195410.2	-5152.5
12174	10.0	192758.2	-5112.9	12264	10.0	194258.0	-5125.8	12354	10.0	195410.5	-5100.7
12175	9.7	192758.6	-5130.8	12265	10.0	194314.7	-5151.9	12355	9.0	195437.9	-5133.5
12176	9.8	192807.6	-5118.4	12266	9.6	194328.3	-5128.5	12356	10.0	195439.6	-5149.6
12177	9.3	192812.9	-5142.9	12267	10.0	194337.0	-5139.4	12357	10.0	195445.6	-5118.4
12178	10.0	192818.3	-5122.8	12268	10.0	194338.2	-5106.4	12358	10.0	195447.1	-5125.0
12179	10.0	192819.4	-5139.4	12269	10.0	194339.0	-5146.4	12359	9.9	195451.5	-5153.6
12180	10.0	192836.6	-5127.9	12270	9.7	194348.8	-5151.9	12360	10.0	195452.9	-5158.8
12181	10.0	192844.6	-5111.8	12271	10.0	194354.1	-5153.9	12361	10.0	195505.2	-5143.6
12182	10.0	192857.8	-5128.9	12272	10.0	194401.9	-5133.4	12362	9.0	195505.4	-5105.7
12183	9.8	192859.7	-5124.4	12273	10.0	194407.5	-5147.3	12363	10.0	195517.6	-5145.0
12184	10.0	192859.8	-5116.8	12274	9.7	194415.0	-5147.6	12364	9.9	195520.1	-5105.6
12185	9.4	192907.2	-5117.3	12275	10.0	194440.5	-5125.3	12365	10.0	195520.3	-5140.4
12186	10.0	192935.4	-5146.0	12276	9.9	194443.0	-5122.0	12366	10.0	195518.1	-5155.4
12187	10.0	192943.4	-5124.4	12277	9.7	194446.5	-5149.6	12367	10.0	195531.0	-5100.3
12188	9.6	192947.6	-5110.7	12278	10.0	194459.3	-5126.7	12368	10.0	195550.0	-5121.4
12189	10.0	192953.4	-5101.2	12279	8.6	194500.5	-5116.3	12369	10.0	195550.4	-5132.0
12190	10.0	193001.8	-5126.4	12280	9.8	194504.7	-5107.8	12370	8.9	195556.4	-5112.7
12191	9.6	193018.6	-5130.8	12281	10.0	194518.9	-5115.8	12371	10.0	195605.8	-5125.9
12192	9.6	193049.0	-5128.8	12282	9.9	194532.8	-5147.1	12372	10.0	195616.6	-5145.4
12193	9.7	193052.4	-5112.2	12283	10.0	194539.6	-5111.4	12373	10.0	195622.8	-5123.8
12194	10.0	193100.2	-5109.8	12284	10.0	194554.7	-5118.8	12374	10.0	195630.0	-5146.7
12195	7.7	193103.4	-5149.9	12285	10.0	194610.1	-5121.5	12375	10.0	195641.6	-5137.3
12196	10.0	193113.2	-5148.0	12286	10.0	194610.9	-5130.5	12376	10.0	195658.2	-5111.3
12197	10.5	193116.2	-5148.3	12287	10.0	194631.7	-5107.4	12377	9.9	195713.3	-5135.0
12198	8.0	193134.8	-5148.5	12288	9.9	194632.1	-5106.5	12378	8.4	195716.7	-5101.8
12199	9.9	193208.2	-5150.0	12289	9.3	194633.8	-5148.1	12379	10.0	195721.0	-5123.6
12200	9.7	193210.7	-5123.1	12290	9.8	194647.4	-5137.7	12380	10.0	195745.4	-5134.1
12201	10.5	193229.1	-5122.4	12291	10.0	194702.2	-5108.9	12381	9.4	195747.9	-5145.7
12202	10.0	193249.6	-5127.2	12292	10.0	194705.4	-5139.7	12382	8.2	195753.5	-5148.3
12203	10.0	193254.4	-5123.0	12293	10.0	194708.4	-5125.1	12383	9.7	195756.4	-5155.0
12204	10.0	193302.0	-5145.4	12294	9.6	194718.0	-5148.6	12384	9.3	195803.6	-5154.9
12205	9.5	193304.2	-5143.0	12295	10.0	194747.8	-5139.6	12385	9.6	195808.0	-5142.5
12206	9.7	193312.3	-5143.1	12296	10.0	194750.2	-5149.6	12386	9.5	195823.1	-5102.7
12207	10.0	193316.0	-5119.6	12297	10.0	194755.4	-5120.9	12387	10.0	195824.0	-5113.8
12208	10.0	193328.4	-5122.6	12298	10.0	194759.1	-5102.8	12388	10.0	195825.8	-5122.0
12209	7.9	193358.7	-5114.1	12299	10.0	194802.7	-5101.6	12389	10.0	195830.0	-5110.8
12210	10.0	193359.1	-5118.0	12300	8.8	194807.7	-5146.6	12390	9.9	195836.9	-5157.3
12211	10.0	193403.9	-5124.0	12301	10.0	194823.6	-5109.7	12391	10.0	195852.2	-5100.4
12212	10.0	193423.4	-5158.0	12302	9.4	194824.6	-5119.1	12392	10.0	195853.8	-5136.4
12213	9.2	193429.9	-5153.0	12303	10.0	194827.9	-5132.7	12393	9.9	195858.2	-5146.9
12214	10.0	193446.4	-5120.6	12304	9.8	194832.7	-5111.0	12394	9.8	195859.5	-5126.1
12215	9.4	193458.2	-5139.6	12305	9.5	194849.6	-5137.7	12395	10.0	195904.0	-5157.0
12216	9.8	193500.7	-5148.6	12306	10.0	194856.4	-5148.6	12396	9.0	195907.8	-5143.8
12217	9.2	193500.8	-5144.0	12307	10.0	194856.8	-5104.4	12397	10.0	195920.0	-5125.5
12218	9.4	193525.8	-5101.8	12308	10.0	194902.3	-5154.6	12398	10.0	195929.4	-5121.7
12219	10.0	193534.6	-5109.0	12309	9.5	194909.2	-5130.7	12399	10.0	195939.5	-5153.5
12220	9.6	193538.1	-5123.7	12310	9.7	194920.6	-5146.7	12400	9.6	195943.2	-5135.8
12221	9.8	193551.8	-5101.4	12311	9.8	194929.6	-5140.8	12401	9.4	195949.5	-5146.6
12222	8.5	193556.8	-5109.4	12312	9.1	194933.1	-5125.6	12402	10.0	200012.2	-5129.1
12223	8.3	193609.6	-5106.7	12313	9.3	194938.8	-5157.7	12403	10.0	200015.1	-5155.6
12224	10.5	193610.7	-5136.2	12314	9.7	194939.6	-5125.8	12404	10.0	200017.0	-5124.0
12225	9.8	193612.4	-5151.9	12315	10.0	194952.8	-5139.1	12405	10.0	200018.9	-5124.7
12226	9.0	193619.5	-5138.5	12316	10.0	194958.4	-5101.6	12406	10.0	200027.0	-5113.0
12227	9.5	193625.4	-5145.8	12317	10.0	194958.6	-5112.0	12407	9.6	200031.6	-5143.9
12228	9.9	193646.8	-5121.2	12318	10.0	195013.6	-5129.4	12408	9.8	200034.2	-5155.1
12229	9.4	193647.1	-5126.5	12319	9.8	195022.1	-5155.7	12409	10.0	200034.7	-5143.1
12230	9.4	193649.6	-5137.0	12320	7.6	195022.3	-5111.5	12410	10.0	200039.8	-5121.8
12231	9.8	193655.6	-5125.6	12321	9.9	195029.0	-5123.9	12411	10.0	200045.6	-5136.2
12232	9.8	193658.8	-5134.1	12322	9.6	195029.4	-5114.4	12412	9.8	200059.4	-5144.5
12233	9.9	193710.4	-5101.8	12323	9.9	195030.9	-5122.5	12413	10.0	200122.9	-5137.4
12234	9.7	193711.7	-5127.6	12324	10.0	195041.2	-5155.6	12414	10.0	200132.6	-5126.0
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12236	9.7	193750.6	-5154.3	12326	10.0	195116.4	-5134.4	12416	10.0	200154.0	-5122.6
12237	9.6	193755.8	-5114.2	12327	10.0	195119.2	-5133.3	12417	9.4	200154.8	-5147.2
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12239	10.0	193828.6	-5120.6	12329	10.0	195127.9	-5101.6	12419	10.0	200213.4	-5126.1
12240	9.9	193845.1	-5133.4	12330	10.0	195136.0	-5151.8	12420	10.0	200219.0	-5132.8
12241	10.0	193846.6	-5108.9	12331	9.9	195142.9	-5156.3	12421	10.0	200227.7	-5155.4
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12518	10.0	201451.2	-5141.1								
12519	10.0	201451.2	-5133.0								
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-5112522 20h15m

-5112881 21h08m

12522	10.0	201524.0	-5138.3	12612	10.0	202610.7	-5139.7	12702	10.0	203750.9	-5134.2
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12568	9.8	202056.1	-5135.8	12658	10.0	203059.1	-5128.7	12748	6.3	204539.1	-5111.6
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12570	9.4	202111.9	-5117.0	12660	10.0	203108.6	-5101.4	12750	10.0	204631.4	-5104.0
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12819	8.8	205846.8	-5143.3								
12820	9.9	205849.2	-5102.0								
12821	9.4	205857.4	-5114.6								
12822	10.0	205858.6	-5127.5								
12823	10.0	205904.4	-5159.2								
12824	10.0	205905.1	-5126.3								
12825	9.7	205909.2	-5155.0								
12826	9.9	205920.7	-5123.4								
12827	10.0	205941.4	-5123.3								
12828	9.4	205947.6	-5151.3								
12829	10.0	205952.6	-5130.3								
12830	8.9	210018.4	-5110.2								
12831	10.0	210019.9	-5129.3								
12832	10.0	210027.2	-5145.5								
12833	10.0	210030.6	-5129.2								
12834	10.0	210034.6	-5125.3								
12835	10.0	210039.0	-5140.3								
12836	7.7	210054.7	-5124.8								
12837	9.4	210107.8	-5114.5								
12838	10.0	210116.5	-5155.4								
12839	9.7	210148.2	-5121.8								
12840	10.0	210151.0	-5152.0								
12841	9.6	210153.1	-5152.6								
12842	10.0	210223.3	-5158.4								
12843	10.0	210227.2	-5149.8								
12844	10.0	210230.8	-5154.0								
12845	10.0	210232.0	-5153.0								
12846	10.0	210243.1	-5103.5								
12847	10.0	210252.1	-5109.5								
12848	10.0	210258.2	-5126.0								
12849	10.0	210258.7	-5139.4								
12850	10.0	210304.2	-5119.5								
12851	8.3	210310.6	-5134.3								
12852	10.0	210321.9	-5102.0								
12853	10.0	210324.0	-5124.4								
12854	9.9	210328.1	-5124.4								
12855	10.0	210345.4	-5153.0								
12856	9.9	210350.2	-5156.4								
12857	9.1	210351.1	-5149.8								
12858	10.0	210352.7	-5125.5								
12859	9.7	210422.2	-5149.4								
12860	10.0	210435.0	-5121.4								
12861	9.2	210438.3	-5127.5								
12862	9.9	210440.3	-5148.6								
12863	7.7	210457.7	-5106.6								
12864	10.0	210458.0	-5146.4								
12865	9.9	210459.2	-5159.3								
12866	8.5	210502.7	-5126.0								
12867	9.7	210520.8	-5111.3								
12868	10.0	210609.6	-5139.6								
12869	10.0	210612.0	-5130.6								
12870	10.0	210613.5	-5141.6								
12871	10.0	210621.5	-5124.6								
12872	10.0	210626.0	-5102.5								
12873	9.7	210633.3	-5112.0								
12874	9.6	210638.4	-5103.0								
12875	10.0	210649.2	-5124.1								
12876	8.3	210649.3	-5131.7								
12877	9.7	210724.6	-5133.6								
12878	7.6	210728.1	-5103.7								
12879	10.0	210732.2	-5126.6								
12880	10.0	210756.3	-5146.6								
12881	9.0	210800.8	-5153.6								

-5112882 21h08m

-5113241 22h12m

12882	9.2	210801.4	-5154.6	12972	9.9	212419.6	-5135.8	13062	9.9	213817.9	-5158.2
12883	10.0	210806.2	-5155.6	12973	9.3	212432.3	-5109.7	13063	10.0	213843.5	-5102.2
12884	9.8	210850.7	-5102.0	12974	10.0	212434.7	-5133.8	13064	9.1	213851.6	-5146.5
12885	9.5	210856.6	-5141.0	12975	10.0	212447.6	-5121.9	13065	10.0	213900.1	-5120.4
12886	10.0	210857.5	-5150.6	12976	9.7	212520.0	-5137.5	13066	10.0	213917.2	-5118.0
12887	9.1	210857.8	-5108.5	12977	8.6	212526.9	-5103.9	13067	9.6	213924.7	-5111.5
12888	9.2	210903.1	-5119.2	12978	9.5	212527.4	-5151.2	13068	9.5	213930.2	-5150.6
12889	10.0	210941.6	-5157.4	12979	9.9	212528.1	-5118.4	13069	10.0	213937.0	-5155.1
12890	9.5	210959.0	-5127.1	12980	9.9	212539.8	-5120.8	13070	7.6	214036.2	-5156.6
12891	8.9	211014.6	-5141.9	12981	10.0	212610.4	-5141.2	13071	10.0	214053.1	-5123.5
12892	10.0	211021.4	-5130.6	12982	9.7	212646.8	-5116.8	13072	9.4	214055.1	-5106.4
12893	8.3	211022.0	-5114.2	12983	9.5	212652.7	-5137.3	13073	10.0	214055.6	-5122.0
12894	10.0	211026.3	-5119.6	12984	9.9	212657.0	-5153.3	13074	8.9	214058.8	-5114.6
12895	10.0	211030.0	-5139.6	12985	10.0	212657.9	-5126.9	13075	9.7	214100.8	-5109.4
12896	10.0	211102.8	-5114.7	12986	10.0	212700.6	-5106.9	13076	9.6	214113.5	-5120.6
12897	10.0	211113.7	-5129.6	12987	10.0	212709.3	-5111.4	13077	10.0	214151.6	-5142.6
12898	10.0	211121.9	-5156.1	12988	10.0	212714.4	-5128.2	13078	10.0	214159.0	-5139.1
12899	10.0	211122.9	-5115.6	12989	10.0	212715.7	-5118.4	13079	8.6	214209.0	-5136.9
12900	10.0	211128.9	-5109.8	12990	9.6	212723.1	-5155.4	13080	10.0	214223.1	-5125.4
12901	10.0	211129.3	-5149.2	12991	10.0	212730.7	-5113.9	13081	10.0	214223.6	-5117.4
12902	10.0	211152.6	-5157.6	12992	10.0	212735.3	-5159.5	13082	10.0	214235.2	-5154.1
12903	10.0	211207.7	-5134.0	12993	10.0	212748.2	-5151.2	13083	9.9	214235.9	-5116.3
12904	10.0	211208.1	-5145.8	12994	10.0	212748.9	-5106.9	13084	10.0	214249.0	-5157.1
12905	10.0	211209.6	-5142.8	12995	10.0	212755.5	-5112.9	13085	10.0	214300.4	-5120.6
12906	9.5	211225.1	-5130.7	12996	9.7	212800.2	-5158.2	13086	10.0	214318.7	-5101.8
12907	9.9	211238.6	-5137.8	12997	10.0	212803.4	-5132.2	13087	8.9	214319.7	-5110.1
12908	10.0	211238.7	-5132.8	12998	7.3	212807.0	-5123.7	13088	9.3	214319.7	-5128.1
12909	9.8	211301.0	-5152.0	12999	7.7	212808.2	-5157.4	13089	10.0	214330.1	-5117.4
12910	9.5	211304.2	-5149.3	13000	9.0	212832.2	-5153.3	13090	10.0	214353.1	-5115.4
12911	10.0	211314.2	-5123.8	13001	10.0	212837.1	-5130.5	13091	9.7	214408.3	-5133.7
12912	9.5	211323.6	-5152.9	13002	10.0	212850.0	-5158.3	13092	10.0	214411.2	-5107.7
12913	9.7	211326.6	-5126.9	13003	10.0	212853.7	-5105.0	13093	10.0	214419.3	-5138.7
12914	7.4	211329.2	-5139.1	13004	10.0	212901.2	-5106.0	13094	10.0	214423.8	-5136.2
12915	9.9	211332.4	-5136.3	13005	9.2	212919.6	-5121.4	13095	10.0	214428.0	-5159.7
12916	9.9	211342.5	-5118.3	13006	9.5	212938.5	-5119.0	13096	10.0	214449.4	-5143.2
12917	10.0	211344.7	-5152.8	13007	10.0	212942.7	-5135.5	13097	10.0	214452.0	-5129.7
12918	10.0	211351.2	-5155.0	13008	9.8	212945.7	-5150.4	13098	10.0	214453.4	-5133.6
12919	9.9	211355.0	-5148.7	13009	9.6	212958.9	-5122.0	13099	10.0	214459.1	-5116.4
12920	10.0	211437.0	-5112.8	13010	10.0	213032.6	-5125.5	13100	10.0	214507.7	-5153.2
12921	10.0	211439.1	-5103.8	13011	9.8	213040.2	-5102.0	13101	10.0	214513.0	-5148.2
12922	10.0	211439.8	-5121.3	13012	9.9	213057.8	-5109.8	13102	10.0	214520.0	-5132.7
12923	9.5	211448.2	-5140.6	13013	9.9	213103.3	-5125.7	13103	10.0	214524.3	-5122.9
12924	10.0	211458.5	-5111.7	13014	10.0	213105.5	-5126.7	13104	10.0	214527.0	-5125.7
12925	9.5	211525.5	-5105.7	13015	7.7	213126.4	-5103.1	13105	10.0	214534.9	-5155.2
12926	9.2	211600.4	-5112.3	13016	10.0	213126.9	-5119.4	13106	9.9	214545.4	-5143.2
12927	10.0	211608.1	-5136.8	13017	10.0	213130.6	-5150.4	13107	10.0	214551.3	-5138.7
12928	10.0	211612.8	-5132.8	13018	9.8	213140.8	-5132.5	13108	10.0	214552.2	-5115.4
12929	10.0	211621.2	-5134.8	13019	10.0	213151.5	-5124.2	13109	9.6	214555.5	-5133.7
12930	10.0	211656.9	-5145.0	13020	9.7	213154.1	-5131.9	13110	9.7	214559.4	-5109.4
12931	10.0	211657.2	-5141.2	13021	9.9	213201.7	-5149.0	13111	9.6	214619.9	-5156.7
12932	9.7	211718.4	-5110.0	13022	10.0	213213.7	-5120.5	13112	9.8	214629.0	-5143.7
12933	9.8	211722.4	-5123.0	13023	10.0	213230.4	-5155.5	13113	9.8	214640.0	-5151.7
12934	8.7	211729.7	-5138.1	13024	9.8	213237.9	-5158.5	13114	10.0	214651.6	-5102.8
12935	10.0	211756.4	-5133.0	13025	10.0	213243.2	-5148.5	13115	10.0	214716.1	-5111.4
12936	10.0	211759.9	-5145.0	13026	10.0	213303.0	-5126.2	13116	9.9	214726.3	-5122.9
12937	10.0	211827.0	-5103.0	13027	9.7	213321.2	-5144.4	13117	10.0	214727.3	-5129.7
12938	10.0	211833.5	-5147.0	13028	10.0	213333.5	-5146.0	13118	10.0	214731.4	-5140.7
12939	10.0	211854.8	-5117.8	13029	10.0	213335.0	-5103.0	13119	10.0	214736.3	-5107.4
12940	8.4	211840.0	-5140.1	13030	10.0	213335.2	-5149.0	13120	9.2	214738.0	-5151.7
12941	10.0	211843.6	-5100.8	13031	10.0	213341.7	-5125.5	13121	9.9	214820.2	-5138.6
12942	10.0	211848.7	-5110.4	13032	10.0	213356.1	-5108.4	13122	10.0	214836.0	-5153.7
12943	9.6	211856.7	-5104.6	13033	10.0	213356.5	-5120.8	13123	10.0	214839.1	-5159.2
12944	10.0	211923.6	-5154.0	13034	9.7	213403.2	-5144.2	13124	10.0	214847.2	-5114.4
12945	10.0	211930.8	-5121.8	13035	10.0	213407.0	-5157.5	13125	9.3	214858.3	-5139.7
12946	10.0	211936.9	-5110.8	13036	9.3	213412.9	-5110.0	13126	9.9	214858.4	-5102.9
12947	10.0	211955.4	-5142.0	13037	10.0	213415.8	-5100.8	13127	9.9	214924.7	-5110.5
12948	8.8	211958.4	-5117.2	13038	9.9	213417.5	-5136.4	13128	10.0	214925.1	-5134.2
12949	10.0	212001.0	-5122.4	13039	9.0	213422.3	-5133.4	13129	9.2	214936.8	-5122.1
12950	10.0	212013.2	-5132.0	13040	9.6	213423.6	-5140.5	13130	10.0	214949.3	-5145.7
12951	10.0	212020.8	-5141.0	13041	10.0	213431.9	-5148.5	13131	10.0	214959.3	-5140.7
12952	10.0	212035.3	-5102.3	13042	9.9	213452.4	-5126.0	13132	10.0	215043.2	-5118.6
12953	10.0	212042.2	-5101.8	13043	9.8	213526.9	-5128.6	13133	10.0	215048.6	-5105.5
12954	8.7	212042.7	-5138.8	13044	9.9	213556.0	-5120.5	13134	10.0	215059.5	-5107.5
12955	10.0	212057.9	-5137.2	13045	9.6	213606.8	-5132.6	13135	9.3	215113.4	-5133.9
12956	10.0	212104.7	-5116.8	13046	10.0	213608.7	-5130.6	13136	9.9	215124.0	-5143.7
12957	10.0	212112.1	-5109.4	13047	10.0	213612.5	-5145.1	13137	9.8	215149.6	-5145.8
12958	10.0	212121.6	-5147.0	13048	10.0	213625.1	-5142.6	13138	9.6	215216.3	-5109.6
12959	10.0	212145.4	-5158.0	13049	10.0	213630.0	-5102.2	13139	8.6	215237.4	-5132.9
12960	10.0	212214.4	-5117.9	13050	10.0	213650.1	-5100.1	13140	10.0	215244.8	-5157.8
12961	10.0	212219.6	-5137.0	13051	10.0	213650.8	-5145.1	13141	10.0	215255.8	-5149.8
12962	10.0	212225.1	-5149.0	13052	8.0	213651.9	-5100.8	13142	10.0	215256.8	-5119.4
12963	8.2	212230.1	-5123.4	13053	10.0	213652.7	-5155.6	13143	10.0	215304.8	-5150.7
12964	10.0	212233.5	-5148.0	13054	9.6	213654.3	-5122.2	13144	10.0	215340.7	-5118.8
12965	10.0	212244.5	-5124.9	13055	9.3	213704.2	-5110.3	13145	9.6	215347.6	-5122.2
12966	8.7	212246.8	-5150.1	13056	9.7	213720.4	-5146.9	13146	7.6	215425.7	-5152.9
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12968	9.8	212358.3	-5141.3	13058	9.1	213752.2	-5138.4	13148	10.0	215447.6	-5157.8
12969	10.0	212359.6	-5146.2	13059	10.0	213812.8	-5148.6	13149	9.7	215448.0	-5122.4
12970	9.1	212407.1	-5115.6	13060	10.0	213814.4	-5158.6	13150	9.7	215456.4	-5158.8
12971	10.0	212417.8	-5134.8	13061	10.0	213816.0	-5146.6	13151	9.1	215457.3	-5124.6
13062	9.9	213817.9	-5158.2	13152	10.0	215457.4	-5134.7
13063	10.0	213843.5	-5102.2	13153	10.0	215519.6	-5128.3
13064	9.1	213851.6	-5146.5	13154	9.9	215526.5	-5112.8
13065	10.0	213900.1	-5120.4	13155	9.5	215531.0	-5148.3
13066	10.0	213917.2	-5118.0	13156	10.0	215534.2	-5120.1
13067	9.6	213924.7	-5111.5	13157	9.4	215545.9	-5138.5
13068	9.5	213930.2	-5150.6	13158	10.0	215607.1	-5125.7
13069	10.0	213937.0	-5155.1	13159	9.9	215614.0	-5120.7
13070	7.6	214036.2	-5156.6	13160	10.0	215615.1	-5125.8
13071	10.0	214053.1	-5123.5	13161	9.8	215618.8	-5140.4
13072	9.4	214055.1	-5106.4	13162	10.0	215619.9	-5148.8
13073	10.0	214055.6	-5122.0	13163	10.0	215625.0	-5137.8
13074	8.9	214058.8	-5114.6	13164	10.0	215637.0	-5142.4
13075	9.7	214100.8	-5109.4	13165	10.0	215644.2	-5117.8
13076	9.6	214113.5	-5120.6	13166	9.9	215656.2	-5159.3
13077	10.0	214151.6	-5142.6	13167	9.6	215714.3	-5143.0
13078	10.0	214159.0	-5139.1	13168	10.0	215720.0	-5125.8
13079	8.6	214209.0	-5136.9	13169	10.0	215729.3	-5154.8
13080	10.0	214223.1	-5125.4	13170	9.3	215748.8	-5143.9
13081	10.0	214223.6	-5117.4	13171	10.0	215801.7	-5153.8
13082	10.0	214235.2	-5154.1	13172	10.0	215813.5	-5106.0
13083	9.9	214235.9	-5116.3	13173	10.0	215814.5	-5102.0
13084	10.0	214249.0	-5157.1	13174	10.0	215818.2	-5157.8
13085	10.0	214300.4	-5120.6	13175	10.0	215850.0	-5108.0
13086	10.0	214318.7	-5101.8	13176	10.0	215855.0	-5142.0
13087	8.9	214319.7	-5110.1	13177	9.4	215900.7	-5158.2
13088	9.3	214319.7	-5128.1	13178	10.0	215908.3	-5119.0
13089	10.0	214330.1	-5117.4	13179	10.0	215948.2	-5158.9
13090	10.0	214353.1	-5115.4	13180	10.0	215953.2	-5150.9
13091	9.7	214408.3	-5133.7	13181	10.0	215953.8	-5117.3
13092	10.0	214411.2	-5107.7	13182	9.8	215959.4	-5149.6
13093	10.0	214419.3	-5138.7	13183	9.6	220010.3	-5118.0
13094	10.0	214423.8	-5136.2	13184	10.0	220041.0	-5127.6
13095	10.0	214428.0	-5159.7	13185	10.0	220042.6	-5141.9
13096	10.0	214449.4	-5143.2	13186	10.0	220051.6	-5155.9
13097	10.0	214452.0	-5129.7	13187	9.4	220056.0	-5113.9
13098	10.0	214453.4	-5133.6	13188	10.0	220130.2	-5123.9
13099	10.0	214459.1	-5116.4	13189	10.0	220145.7	-5115.3
13100	10.0	214507.7	-5153.2	13190	10.0	220153.4	-5150.4
13101	10.0	214513.0	-5148.2	13191	10.0	220155.8	-5151.9
13102	10.0	214520.0	-5132.7	13192	10.0	220207.2	-5121.9
13103	10.0	214524.3	-5122.9	13193	10.0	220214.3	-5148.6
13104	10.0	214527.0	-5125.7	13194	9.5	220221.9	-5128.9
13105	10.0	214534.9	-5155.2	13195	9.4	220235.0	-5155.9
13106	9.9	214545.4	-5143.2	13196	9.4	220238.6	-5157.8
13107	10.0	214551.3	-5138.7	13197	10.0	220255.4	-5115.8
13108	10.0	214552.2	-5115.4	13198	10.0	220312.1	-5151.9
13109	9.6	214555.5	-5133.7	13199	10.0	220328.6	-5143.7
13110	9.7	214559.4	-5109.4	13200	9.5	220338.5	-5127.6
13111	9.6	214619.9	-5156.7	13201	9.8	220407.9	-5154.9
13112	9.8	214629.0	-5143.7	13202	10.0	220408.3	-5120.6
13113	9.8	214640.0	-5151.7	13203	9.6	220431.3	-5102.6
13114	10.0	214651.6	-5102.8	13204	10.0	220445.5	-5150.2
13115	10.0	214716.1	-5111.4	13205	9.9	220508.3	-5139.9
13116	9.9	214726.3	-5122.9	13206	10.0	220545.2	-5122.5
13117	10.0	214727.3	-5129.7	13207	10.0	220557.0	-5145.0
13118	10.0	214731.4	-5140.7	13208	9.8	220602.4	-5118.9
13119	10.0	214736.3	-5107.4	13209	10.0	220640.9	-5141.3
13120	9.2	214738.0	-5151.7	13210	10.0	220641.7	-5148.9
13121	9.9	214820.2	-5138.6	13211	10.0	220643.2	-5136.0
13122	10.0	214836.0	-5153.7	13212	10.0	220658.0	-5104.8
13123	10.0	214839.1	-5159.2	13213	9.1	220713.0	-5130.0
13124	10.0	214847.2	-5114.4	13214	10.0	220714.6	-5134.5
13125	9.3	214858.3	-5139.7	13215	10.0	220716.1	-5143.9
13126	9.9	214858.4	-5102.9	13216	10.0	220720.0	-5121.5
13127	9.9	214924.7	-5110.5	13217	10.0	220722.7	-5126.5
13128	10.0	214925.1	-5134.2	13218	10.0	220723.3	-5123.0
13129	9.2	214936.8	-5122.1	13219	9.9	220730.9	-5157.5
13130	10.0	214949.3	-5145.7	13220	10.0	220755.1	-5101.8
13131	10.0	214959.3	-5140.7	13221	10.0	220756.0	-5127.5
13132	10.0	215043.2	-5118.6	13222	9.9	220757.9	-5131.0
13133	10.0	215048.6	-5105.5	13223	8.0	220759.9	-5155.6
13134	10.0	215059.5	-5107.5	13224	10.0	220806.3	-5137.6
13135	9.3	215113.4	-5133.9	13225	9.6	220813.5	-5111.0
13136	9.9	215124.0	-5143.7	13226	9.3	220821.0	-5151.5
13137	9.8	215149.6	-5145.8	13227	10.0	220829.6	-5136.0
13138	9.6	215216.3	-5109.6	13228	10.0	220832.6	-5104.7
13139	8.6	215237.4	-5132.9	13229	10.0	220837.3	-5101.3
13140	10.0	215244.8	-5157.8	13230	10.0	220845.7	-5112.8
13141	10.0	215255.8	-5149.8	13231	10.0	220847.2	-5114.8
13142	10.0	215256.8	-5119.4	13232	10.0	220856.2	-5140.3
13143	10.0	215304.8	-5150.7	13233	10.0	221038.9	-5128.8
13144	10.0	215340.7	-5118.8	13234	9.7	221057.6	-5117.9
13145	9.6	215347.6	-5122.2	13235	10.0	221114.7	-5101.7
13146	7.6	215425.7	-5152.9	13236	10.0	221138.5	-5138.2
13147	9.9	215434.0	-5139.5	13237	10.0	221200.0	-5100.0
13148	10.0	215447.6	-5157.8	13238	10.0	221202.4	-5153.4
13149	9.7	215448.0	-5122.4	13239	9.9	221206.5	-5145.8
13150	9.7	215456.4	-5158.8	13240	10.0	221207.8	-5147.2
13151	9.1	215457.3	-5124.6	13241	8.9	221226.4	-5144.2

13242	10.0	221234.7	-5126.3	13332	10.0	222838.3	-5139.6	13422	9.6	224733.2	-5141.8
13243	9.0	221235.6	-5125.3	13333	10.0	222856.6	-5143.8	13423	10.0	224735.0	-5154.0
13244	10.5	221236.9	-5155.4	13334	10.0	222950.9	-5122.0	13424	10.0	224735.9	-5104.8
13245	10.0	221317.0	-5145.8	13335	10.0	222954.3	-5113.4	13425	9.5	224802.2	-5149.9
13246	7.7	221329.9	-5143.8	13336	10.0	222955.8	-5146.0	13426	10.0	224806.3	-5150.0
13247	10.0	221408.3	-5151.1	13337	10.0	223038.2	-5149.7	13427	9.6	224816.3	-5118.1
13248	8.8	221440.9	-5124.1	13338	10.0	223058.9	-5146.3	13428	10.0	224817.6	-5111.2
13249	9.8	221449.9	-5137.0	13339	10.0	223059.3	-5105.7	13429	10.0	224818.7	-5151.6
13250	10.0	221518.6	-5136.1	13340	10.0	223110.5	-5135.2	13430	9.4	224831.8	-5122.3
13251	10.0	221532.6	-5117.1	13341	10.0	223143.2	-5101.4	13431	9.7	224836.7	-5154.0
13252	9.5	221554.4	-5123.7	13342	7.7	223150.1	-5119.6	13432	9.8	224905.0	-5121.5
13253	8.2	221557.6	-5104.2	13343	10.0	223204.2	-5138.9	13433	10.0	225011.6	-5146.5
13254	10.0	221623.0	-5123.3	13344	10.0	223221.4	-5104.8	13434	10.0	225041.7	-5146.2
13255	10.0	221625.0	-5106.9	13345	10.0	223232.6	-5140.2	13435	10.0	225043.6	-5141.6
13256	10.0	221655.0	-5147.6	13346	9.2	223249.6	-5153.6	13436	10.0	225047.8	-5147.1
13257	10.0	221719.5	-5109.5	13347	10.0	223257.7	-5116.0	13437	8.7	225101.8	-5127.8
13258	10.0	221736.5	-5153.1	13348	10.0	223321.1	-5120.6	13438	7.4	225107.6	-5147.7
13259	10.0	221739.8	-5104.2	13349	9.5	223357.4	-5143.6	13439	10.0	225113.3	-5147.2
13260	9.3	221745.0	-5151.6	13350	10.0	223400.4	-5128.1	13440	10.0	225135.8	-5104.1
13261	9.9	221757.6	-5141.2	13351	9.9	223411.4	-5102.2	13441	10.0	225203.3	-5128.2
13262	10.0	221806.3	-5111.8	13352	10.0	223434.9	-5120.4	13442	10.0	225235.8	-5149.2
13263	10.0	221810.2	-5113.3	13353	10.0	223446.0	-5100.2	13443	10.0	225241.4	-5151.2
13264	10.0	221811.1	-5139.1	13354	10.0	223454.4	-5136.2	13444	10.0	225325.7	-5131.2
13265	9.6	221812.0	-5107.4	13355	10.0	223502.1	-5106.0	13445	10.0	225336.3	-5107.2
13266	10.0	221813.2	-5140.6	13356	10.0	223507.0	-5112.0	13446	5.9	225346.0	-5137.2
13267	10.0	221858.1	-5124.6	13357	9.9	223508.2	-5120.5	13447	10.0	225414.5	-5122.6
13268	10.0	221859.1	-5123.2	13358	10.0	223515.8	-5121.1	13448	10.0	225421.7	-5149.6
13269	10.0	221903.3	-5106.6	13359	9.1	223523.2	-5159.9	13449	10.0	225433.5	-5115.7
13270	10.0	221925.0	-5125.0	13360	10.0	223525.6	-5156.7	13450	10.0	225441.8	-5157.2
13271	10.0	221928.5	-5148.1	13361	10.0	223527.2	-5150.3	13451	9.7	225445.5	-5147.0
13272	10.0	221936.0	-5139.4	13362	9.9	223532.0	-5124.1	13452	9.0	225451.0	-5147.0
13273	10.0	221939.7	-5111.4	13363	10.0	223557.6	-5137.2	13453	10.0	225455.6	-5157.6
13274	9.9	221944.0	-5103.6	13364	10.0	223604.6	-5159.9	13454	10.0	225532.2	-5104.7
13275	10.0	221946.2	-5138.4	13365	10.0	223615.4	-5140.2	13455	10.0	225533.5	-5108.3
13276	8.7	221948.3	-5147.1	13366	10.0	223616.6	-5149.0	13456	10.0	225542.0	-5116.7
13277	10.0	221951.0	-5111.8	13367	9.9	223633.1	-5139.7	13457	10.0	225601.7	-5101.5
13278	10.0	222007.2	-5101.9	13368	10.0	223645.8	-5133.1	13458	10.0	225610.0	-5151.2
13279	10.0	222021.6	-5145.1	13369	9.8	223648.5	-5144.1	13459	8.9	225631.8	-5107.3
13280	10.0	222022.9	-5100.6	13370	10.0	223652.5	-5103.2	13460	10.0	225632.5	-5119.8
13281	10.0	222051.9	-5128.7	13371	10.0	223658.1	-5122.1	13461	10.0	225639.3	-5136.7
13282	10.0	222115.4	-5129.1	13372	9.2	223725.3	-5151.4	13462	10.0	225739.6	-5148.2
13283	10.0	222123.0	-5132.2	13373	10.0	223731.7	-5158.5	13463	10.0	225809.0	-5140.0
13284	9.7	222140.9	-5130.5	13374	9.7	223747.3	-5137.2	13464	9.4	225845.5	-5138.5
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13286	10.0	222144.8	-5107.0	13376	10.0	223807.3	-5101.3	13466	9.8	225910.3	-5115.2
13287	10.0	222147.8	-5114.4	13377	10.0	223826.7	-5129.4	13467	10.0	225912.9	-5139.1
13288	10.0	222155.8	-5130.2	13378	10.0	223839.3	-5156.2	13468	10.0	225931.4	-5115.7
13289	9.9	222200.9	-5145.2	13379	7.6	223908.4	-5142.5	13469	10.0	225952.4	-5144.7
13290	10.0	222206.9	-5121.7	13380	10.0	223924.7	-5104.4	13470	7.3	230000.0	-5121.7
13291	10.0	222210.0	-5145.6	13381	10.0	223930.8	-5122.1	13471	6.2	230000.8	-5121.6
13292	10.0	222210.8	-5147.1	13382	10.0	223937.0	-5101.6	13472	9.9	230016.0	-5108.6
13293	10.0	222213.0	-5106.8	13383	9.7	223943.7	-5119.8	13473	10.0	230016.3	-5133.7
13294	10.0	222221.1	-5101.0	13384	9.7	224010.7	-5104.2	13474	9.9	230028.4	-5125.4
13295	10.0	222233.0	-5119.4	13385	9.3	224016.3	-5100.6	13475	10.0	230046.8	-5146.1
13296	9.8	222238.7	-5132.2	13386	10.0	224036.8	-5121.6	13476	9.9	230051.5	-5159.1
13297	10.0	222251.9	-5134.1	13387	10.0	224037.1	-5127.5	13477	10.0	230051.6	-5126.1
13298	10.0	222256.8	-5154.2	13388	10.0	224039.8	-5101.1	13478	10.0	230117.0	-5108.8
13299	10.0	222308.7	-5158.8	13389	3.5	224059.6	-5158.5	13479	9.9	230130.5	-5151.6
13300	10.0	222310.0	-5101.6	13390	10.0	224110.5	-5158.0	13480	8.5	230137.8	-5147.7
13301	7.9	222320.1	-5102.1	13391	10.0	224131.1	-5115.1	13481	10.0	230150.5	-5131.1
13302	10.0	222320.5	-5146.2	13392	10.0	224138.1	-5111.1	13482	10.0	230205.0	-5103.0
13303	10.0	222332.1	-5142.1	13393	10.0	224145.2	-5142.0	13483	10.0	230235.4	-5157.8
13304	7.3	222342.2	-5134.4	13394	9.9	224208.8	-5142.0	13484	10.0	230249.3	-5136.1
13305	10.0	222352.4	-5151.6	13395	9.6	224212.4	-5127.9	13485	10.0	230255.7	-5138.1
13306	10.0	222353.7	-5146.2	13396	10.0	224222.0	-5100.0	13486	10.0	230314.0	-5123.1
13307	9.9	222355.4	-5128.4	13397	10.0	224232.0	-5119.1	13487	10.0	230324.5	-5154.1
13308	10.0	222355.9	-5114.0	13398	9.4	224232.6	-5130.1	13488	10.0	230342.6	-5156.8
13309	10.0	222358.3	-5130.6	13399	10.0	224248.4	-5157.0	13489	8.9	230349.9	-5138.0
13310	10.0	222358.9	-5117.0	13400	9.9	224320.1	-5154.4	13490	10.0	230358.0	-5141.1
13311	10.0	222406.7	-5151.2	13401	9.8	224329.2	-5147.0	13491	10.0	230401.0	-5149.1
13312	10.0	222427.0	-5131.1	13402	9.1	224329.7	-5129.1	13492	10.0	230414.1	-5138.1
13313	10.0	222429.6	-5135.6	13403	9.6	224340.0	-5103.2	13493	10.0	230421.4	-5138.1
13314	9.6	222432.8	-5100.1	13404	10.0	224345.5	-5104.0	13494	10.0	230430.7	-5129.1
13315	10.0	222437.5	-5150.2	13405	10.0	224353.5	-5115.8	13495	10.0	230439.8	-5117.6
13316	10.0	222450.2	-5123.4	13406	10.0	224353.9	-5128.5	13496	10.0	230441.0	-5125.0
13317	10.0	222455.2	-5108.4	13407	10.0	224356.8	-5129.6	13497	9.9	230442.8	-5151.2
13318	10.0	222508.0	-5123.9	13408	9.7	224442.7	-5108.1	13498	9.8	230444.6	-5133.4
13319	10.0	222513.9	-5125.6	13409	10.0	224457.6	-5106.2	13499	10.0	230534.5	-5110.1
13320	10.0	222519.4	-5126.6	13410	10.0	224532.9	-5108.2	13500	9.9	230536.0	-5131.2
13321	8.6	222541.1	-5137.9	13411	10.0	224547.8	-5154.5	13501	10.0	230539.7	-5106.1
13322	10.0	222603.6	-5129.8	13412	10.0	224549.8	-5112.8	13502	10.0	230630.5	-5114.1
13323	8.3	222633.5	-5126.7	13413	9.4	224551.5	-5100.0	13503	10.0	230647.9	-5106.2
13324	10.0	222705.5	-5153.6	13414	10.0	224608.2	-5101.7	13504	10.0	230651.7	-5126.1
13325	10.0	222739.8	-5122.6	13415	10.0	224610.4	-5124.6	13505	9.9	230656.6	-5133.6
13326	8.4	222750.0	-5114.0	13416	10.0	224618.0	-5135.0	13506	10.0	230701.3	-5124.1
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13328	9.5	222806.0	-5103.3	13418	10.0	224654.0	-5126.1	13508	10.0	230746.7	-5111.1
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13331	10.0	222834.4	-5146.7	13421	10.0	224716.4	-5130.0	13511	9.5	230750.0	-5139.6
13512	9.9	230750.2	-5104.2								
13513	9.6	230756.9	-5156.2								
13514	9.6	230800.4	-5132.1								
13515	9.9	230801.8	-5156.0								
13516	10.0	230821.4	-5147.1								
13517	10.0	230844.1	-5129.1								
13518	10.0	230856.4	-5119.1								
13519	9.6	230900.6	-5113.4								
13520	10.0	230909.1	-5139.1								
13521	10.0	230945.9	-5136.1								
13522	7.8	230952.6	-5159.7								
13523	10.0	230959.7	-5109.1								
13524	10.0	231047.5	-5109.1								
13525	10.0	231049.0	-5152.1								
13526	10.0	231056.1	-5135.1								
13527	10.0	231111.6	-5153.1								
13528	10.0	231141.4	-5144.1								
13529	9.2	231149.8	-5101.7								
13530	9.7	231157.6	-5148.1								
13531	9.4	231212.8	-5146.0								
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13539	10.0	231341.8	-5114.1								
13540	10.0	231341.8	-5108.1								
13541	9.9	231410.8	-5132.1								
13542	10.0	231434.2	-5138.1								
13543	10.0	231436.4	-5158.1								
13544	9.8	231451.6	-5100.6								
13545	9.9	231537.6	-5126.8								
13546	10.0	231539.9	-5109.1								
13547	10.0	231606.8	-5102.1								
13548	9.6	231705.6	-5114.5								
13549	9.5	231708.2	-5125.9								
13550	10.0	231710.6	-5123.2								
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13552	10.0	231729.6	-5152.9								
13553	9.4	231730.0	-5115.7								
13554	9.9	231733.4	-5101.5								
13555	9.4	231759.0	-5119.3								
13556	10.0	231800.5	-5142.1								
13557	10.0	231821.6	-5121.1								
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13559	9.5	231853.4	-5140.8								
13560	10.0	231854.2	-5130.1								
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13563	10.0	231947.9	-5125.4								
13564	9.8	232001.3	-5131.5								
13565	10.0	232001.3	-5121.1								
13566	10.0	232014.1	-5119.1								
13567	10.0	232042.4	-5131.1								
13568	10.0	232050.1	-5152.0								
13569	10.0	232053.5	-5113.1								
13570	7.3	232055.6	-5102.1								
13571	10.0	232112.4	-5114.1								
13572	10.0	232119.1	-5105.9								
13573	9.9	232137.2	-5157.9								
13574	9.9	232143.7	-5146.1								
13575	10.0	232145.4	-5118.1								
13576	10.0	232156.0	-5105.4								
13577	9.7	232204.2	-5122.3								
13578	8.0	232211.6	-5142.8								
13579	10.0	232231.4	-5138.1								
13580	10.0	232238.3	-5119.1								
13581	10.0	232254.2	-5136.6								
13582	10.0	232256.3	-5148.0								
13583	10.0	232257.4	-5150.0								
13584	10.0	232335.3	-5107.1								
13585	10.0	232335.6	-5157.4								
13586	10.0	232340.2	-5127.3								
13587	9.9	232349.0	-5137.3								
13588	10.0	232349.8	-5126.0								
13589	9.7	232418.7	-5126.7								
13590	9.7	232435.1	-5141.8								
13591	10.0	232454.6	-5136.1								
13592	10.0	232525.6	-5125.2								
13593	10.0	232547.1	-5109.1								
13594	9.6	232549.4	-5111.7								
13595	9.9	232604.7	-5152.9								
13596	10.0	232609.6	-5154.0								
13597	10.0	232619.6	-5144.1								
13598	9.9	232623.1	-5111.7								
13599	8.6	232637.8	-5143.6								
13600	10.0	232719.6	-5125.3								
13601	9.9	232720.5	-5123.7								

13602	9.1	232724.4	-5114.5	13692	9.8	234318.3	-5148.7	16	10.8	00646.6	-5210.7
13603	10.0	232728.6	-5123.0	13693	9.3	234338.3	-5125.1	17	10.0	00647.3	-5206.1
13604	9.5	232742.9	-5132.1	13694	10.0	234408.8	-5151.2	18	10.3	00714.9	-5232.7
13605	9.1	232810.1	-5141.1	13695	8.3	234410.6	-5118.4	19	11.0	00733.2	-5207.7
13606	10.0	232813.9	-5155.1	13696	10.0	234424.0	-5106.3	20	11.0	00739.0	-5254.7
13607	9.9	232819.0	-5138.2	13697	10.0	234437.2	-5133.7	21	9.7	00744.4	-5231.7
13608	10.0	232832.1	-5101.1	13698	10.0	234458.9	-5136.3	22	10.5	00814.1	-5249.7
13609	10.0	232901.9	-5124.3	13699	10.0	234500.3	-5139.2	23	11.0	00817.1	-5254.7
13610	9.7	232916.0	-5113.4	13700	10.0	234535.9	-5130.3	24	10.0	00828.5	-5244.4
13611	10.0	232931.3	-5120.2	13701	10.0	234558.7	-5146.1	25	9.7	00834.5	-5241.0
13612	10.0	232936.3	-5145.0	13702	10.0	234601.9	-5119.2	26	11.0	00841.6	-5258.9
13613	10.0	233011.0	-5110.0	13703	10.0	234655.3	-5151.5	27	9.2	00844.4	-5251.8
13614	10.0	233025.3	-5133.1	13704	10.0	234701.2	-5147.2	28	10.3	00852.2	-5245.7
13615	10.0	233030.9	-5122.4	13705	10.0	234724.7	-5134.2	29	10.3	00947.0	-5203.0
13616	10.0	233050.8	-5149.1	13706	10.0	234736.2	-5120.3	30	8.5	01011.9	-5217.7
13617	9.3	233115.0	-5111.7	13707	10.0	234800.4	-5136.2	31	11.0	01017.0	-5225.7
13618	10.0	233124.2	-5139.1	13708	10.0	234808.7	-5121.8	32	11.0	01020.2	-5205.7
13619	10.0	233126.5	-5145.8	13709	10.0	234814.6	-5137.8	33	11.0	01032.0	-5234.7
13620	10.0	233140.8	-5110.4	13710	10.0	234838.9	-5111.3	34	10.3	01056.1	-5255.8
13621	10.0	233145.5	-5154.1	13711	10.0	234844.3	-5119.3	35	9.4	01112.8	-5212.8
13622	9.9	233154.1	-5151.3	13712	10.0	234853.1	-5126.7	36	10.0	01132.5	-5230.6
13623	10.0	233213.2	-5152.4	13713	10.0	234853.2	-5155.7	37	11.0	01139.8	-5259.9
13624	9.9	233220.4	-5152.1	13714	10.0	234856.8	-5147.3	38	10.0	01146.9	-5228.6
13625	10.0	233220.4	-5127.8	13715	9.9	234903.4	-5136.2	39	9.3	01156.6	-5222.0
13626	10.0	233234.7	-5113.1	13716	10.0	234913.3	-5129.2	40	10.0	01159.9	-5213.6
13627	9.7	233246.1	-5134.7	13717	9.3	234922.0	-5153.3	41	8.8	01209.2	-5249.1
13628	8.1	233257.4	-5126.6	13718	10.0	234955.1	-5113.3	42	10.0	01338.3	-5222.6
13629	10.0	233301.2	-5124.6	13719	10.0	234957.7	-5104.5	43	10.8	01340.8	-5258.9
13630	10.0	233314.2	-5114.1	13720	10.0	234959.1	-5120.9	44	8.6	01409.2	-5240.3
13631	10.0	233326.1	-5154.4	13721	9.7	235021.8	-5101.0	45	10.8	01449.2	-5221.3
13632	10.0	233330.5	-5116.4	13722	9.8	235044.2	-5135.9	46	11.0	01452.1	-5245.3
13633	10.0	233347.5	-5139.3	13723	10.0	235052.4	-5144.8	47	10.5	01502.1	-5225.3
13634	10.0	233349.9	-5146.9	13724	10.0	235120.5	-5101.1	48	10.8	01526.0	-5220.6
13635	9.6	233351.2	-5141.5	13725	10.0	235144.2	-5146.3	49	10.8	01614.0	-5253.6
13636	10.0	233353.5	-5156.1	13726	9.0	235155.4	-5136.2	50	10.5	01618.8	-5227.3
13637	9.7	233411.8	-5105.3	13727	10.0	235236.4	-5136.8	51	10.3	01620.9	-5247.0
13638	10.0	233420.6	-5142.6	13728	10.0	235238.7	-5139.3	52	10.5	01624.5	-5204.8
13639	10.0	233437.9	-5139.2	13729	10.0	235250.6	-5124.3	53	9.2	01633.4	-5250.8
13640	10.0	233441.8	-5153.1	13730	9.9	235253.5	-5136.5	54	10.5	01637.8	-5222.6
13641	9.9	233442.4	-5157.0	13731	10.0	235303.8	-5129.0	55	11.0	01726.0	-5222.3
13642	10.0	233446.3	-5135.6	13732	9.8	235304.1	-5141.5	56	9.1	01732.3	-5242.8
13643	10.0	233450.3	-5138.7	13733	10.0	235308.0	-5128.4	57	10.8	01750.1	-5251.4
13644	9.5	233453.6	-5121.2	13734	9.9	235308.8	-5110.6	58	11.3	01756.6	-5249.8
13645	7.7	233455.5	-5107.2	13735	7.5	235318.4	-5141.6	59	11.0	01825.7	-5224.3
13646	10.0	233458.8	-5145.0	13736	9.9	235330.2	-5134.5	60	11.0	01831.1	-5251.2
13647	10.0	233501.6	-5153.5	13737	10.0	235330.5	-5155.3	61	11.0	01833.9	-5205.6
13648	9.5	233504.3	-5124.6	13738	8.5	235341.0	-5133.6	62	11.0	01836.1	5200.6
13649	9.1	233543.5	-5123.4	13739	9.6	235355.9	-5121.2	63	10.8	01847.4	5214.5
13650	10.0	233545.2	-5156.2	13740	10.0	235358.8	-5141.3	64	8.9	01858.2	-5210.3
13651	10.0	233607.6	-5113.3	13741	7.5	235427.8	-5108.4	65	11.3	01905.4	-5248.2
13652	10.0	233611.3	-5150.3	13742	10.0	235437.0	-5149.3	66	11.0	01933.6	5203.8
13653	10.0	233649.6	-5148.7	13743	5.6	235455.2	-5102.1	67	7.8	01935.2	-5205.8
13654	10.0	233657.0	-5106.3	13744	10.0	235507.3	-5127.3	68	9.2	02008.8	-5219.8
13655	10.0	233701.4	-5122.2	13745	10.0	235511.6	-5159.3	69	10.8	02016.4	-5228.8
13656	10.0	233703.8	-5159.3	13746	10.0	235524.3	-5144.3	70	10.8	02047.1	-5234.0
13657	10.0	233705.0	-5114.8	13747	10.0	235536.5	-5114.3	71	9.7	02047.5	-5204.0
13658	9.8	233705.8	-5125.8	13748	10.0	235542.4	-5156.3	72	10.0	02131.0	-5240.0
13659	10.0	233727.0	-5155.7	13749	10.0	235554.5	-5114.3	73	10.3	02144.3	-5217.0
13660	10.0	233738.0	-5157.2	13750	10.0	235603.7	-5132.3	74	10.5	02150.7	-5207.0
13661	10.0	233750.1	-5132.8	13751	10.0	235611.7	-5147.3	75	9.4	02208.6	-5229.0
13662	10.0	233801.7	-5104.3	13752	10.0	235645.5	-5119.0	76	9.5	02221.4	-5207.0
13663	10.0	233811.5	-5128.8	13753	10.0	235659.6	-5157.4	77	10.0	02319.6	-5230.0
13664	10.0	233813.1	-5118.3	13754	10.0	235748.6	-5136.3	78	9.6	02333.6	-5228.0
13665	9.5	233813.1	-5139.1	13755	9.9	235749.2	-5109.5	79	11.0	02403.4	-5214.0
13666	10.0	233821.0	-5110.4	13756	10.0	235750.8	-5130.4	80	10.8	02414.9	-5209.0
13667	10.0	233846.4	-5154.2	13757	10.0	235757.6	-5145.8	81	10.0	02430.9	-5249.0
13668	9.6	233858.2	-5114.5	13758	10.0	235758.4	-5155.3	82	10.3	02437.9	-5259.8
13669	10.0	233908.4	-5124.5	13759	10.0	235803.5	-5158.1	83	10.3	02454.6	-5228.0
13670	10.0	233908.8	-5151.3	13760	10.0	235816.5	-5141.7	84	9.2	02503.6	-5239.0
13671	10.0	233913.6	-5104.9	13761	10.0	235853.0	-5151.2	85	9.3	02518.6	-5220.0
13672	10.0	233920.2	-5158.6	13762	10.0	235907.8	-5131.2	86	10.8	02536.2	-5215.0
13673	10.0	233948.4	-5104.3	13763	7.1	235914.1	-5157.3	87	10.0	02545.6	-5246.0
13674	9.7	234008.0	-5156.1	13764	10.0	235927.0	-5154.2	88	10.3	02615.5	-5257.8
13675	10.0	234008.8	-5135.6	13765	10.0	235944.9	-5155.2	89	8.7	02623.6	-5241.6
13676	10.0	234029.3	-5109.5	13766	10.0	235952.7	-5114.3	90	11.0	02652.0	-5234.5
13677	9.9	234049.8	-5122.8	1	10.5	00000.6	-5230.7	91	10.5	02712.7	-5241.0
13678	10.0	234052.2	-5124.3	2	11.5	00014.7	-5232.7	92	10.5	02725.0	-5257.8
13679	9.9	234057.0	-5129.7	3	10.5	00101.6	-5253.8	93	10.3	02813.1	-5253.8
13680	10.0	234108.2	-5151.9	4	9.1	00116.6	-5239.7	94	10.0	02847.7	-5240.6
13681	10.0	234119.8	-5101.4	5	9.2	00205.9	-5205.7	95	10.3	02906.4	-5208.9
13682	9.9	234122.2	-5101.8	6	9.6	00232.7	-5227.7	96	9.5	02950.1	-5205.9
13683	10.0	234124.2	-5133.9	7	11.0	00300.4	-5214.7	97	9.4	03010.4	-5252.9
13684	6.9	234129.3	-5134.9	8	9.2	00318.1	-5225.7	98	10.3	03035.5	-5220.9
13685	9.0	234150.1	-5144.7	9	10.5	00329.9	-5259.0	99	10.8	03049.2	-5210.9
13686	10.0	234203.6	-5130.4	10	9.6	00440.0	-5213.3	100	9.4	03102.5	-5258.8
13687	8.2	234220.3	-5129.9	11	10.5	00445.6	-5211.5	101	10.8	03109.8	-5222.9
13688	10.0	234228.9	-5111.5	12	9.2	00449.6	-5229.7	102	10.5	03146.4	-5213.9
13689	9.5	234242.4	-5131.3	13	10.8	00455.2	-5216.0	103	10.0	03150.6	-5228.9
13690	10.0	234245.6	-5125.5	14	10.8	00518.9	-5240.7	104	10.0	03205.3	-5215.9
13691	9.8	234255.0	-5108.6	15	9.8	00619.8	-5223.7	105	10.8	03213.9	-5213.9
				106	9.5	03225.4	-5206.9				
				107	10.5	03354.1	-5226.9				
				108	10.3	03406.0	-5254.7				
				109	8.6	03415.9	-5225.9				
				110	9.9	03428.1	-5253.7				
				111	9.7	03458.9	-5247.6				
				112	10.8	03501.0	-5203.3				
				113	10.8	03518.3	-5226.9				
				114	10.0	03519.4	-5246.9				
				115	10.0	03526.2	-5259.7				
				116	10.8	03528.7	-5246.5				
				117	10.5	03548.0	-5239.9				
				118	10.5	03556.0	-5236.9				
				119	10.8	03701.8	-5209.9				
				120	10.8	03703.6	-5228.9				
				121	10.5	03704.8	-5235.9				
				122	9.5	03724.1	-5229.9				
				123	10.8	03747.9	-5257.7				
				124	9.4	03750.3	-5217.9				
				125	9.6	03801.0	-5238.9				
				126	10.5	03900.8	-5223.9				
				127	10.5	03946.7	-5237.9				
				128	9.7	03954.4	-5209.9				
				129	10.8	04006.9	-5256.7				
				130	9.4	04020.7	-5251.8				
				131	10.5	04029.6	-5250.7				
				132	8.7	04103.4	-5241.7				
				133	10.3	04106.0	-5242.1				
				134	10.5	04119.5	-5201.9				
				135	10.8	04122.4	-5208.9				
				136	9.7	04125.8	-5255.7				
				137	10.8	04126.9	-5213.5				
				138	10.5	04135.8	-5223.9				
				139	10.3	04151.0	-5256.7				
				140	11.0	04156.1	-5229.9				
				141	11.0	04201.1	-5213.9				
				142	10.8	04205.3	-5218.9				
				143	10.5	04209.1	-5220.9				
				144	11.0	04210.7	-5223.9				
				145	9.6	04211.7	-5231.1				
				146	10.0	04234.5	-5256.7				
				147	10.3	04234.8	-5211.5				
				148	10.8	04304.9	-5235.1				
				149	10.5	04314.9	-5249.2				
				150	10.5	04317.4	-5215.1				
				151	9.9	04325.7	-5244.1				
				152	10.3	04336.2	-5203.1				
				153	10.8	04344.1	-5232.1				
				154	10.3	04401.2	-5208.7				
				155	10.5	04404.8	-5212.1				
				156	10.3	04422.4	-5253.8				
				157	11.0	04423.6	-5208.1				
				158	9.4	04431.7	-5204.1				
				159	10.8	04441.8	-5202.1				
				160	10.5	04550.2	-5251.6				
				161	9.8	04554.6	-5203.1				
				162	10.3	04557.7	-5213.1				
				163	10.0	04603.0	-5244.1				
				164	10.3	04603.2	-5212.1				
				165	10.5	04609.7	-5258.6				
				166	10.5	04615.3	-5223.1				
				167	9.6	04653.4	-5229.1				
				168	8.0	04701.7	-5213.1				
				169	9.5	04713.4	-5258.6				
				170	10.0	04713.5	-5203.1				
				171	10.0	04727.7	-5217.1				
				172	8.8	04739.9	-5252.1				
				173	10.0	04745.3	-5232.1				
				174	11.0	04822.4	-5221.1				
				175	10.8	04826.2	-5215.1				
				176	10.5	04830.9	-5203.1				
				177	10.0	04855.5	-5241.1				
				178	10.0	04859.0	-5239.1				
				179	9.6	04923.7	-5217.1				
				180	11.0	05024.3	-5227.1				
				181	10.8	05046.3	-5244.1				
				182	11.0	05048.0	-5202.0				
				183	9.3	05110.4	-5257.6				
				184	9.1	05120.7	-5233.0				
				185	10.5	05128.1	-5206.0				
				186	10.5	05129.3	-5256.6				
				187	10.5	05140.8	-5216.0				
				188	10.8	05141.7	-5201.0				
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				190	10.5	05207.1	-5208.6				
				191	10.8	05217.2	-5201.0				
				192	10.3	05228.5	-5211.0				
				193	8.6	05228.9	-5226.0				
				194	11.0	05317.5	-5207.0				
				195	10.3	05339.8	-5232.0				

-52 196 0h54m

-52 555 2h39m

196	11.0	05405.8 -5208.0	286	11.0	12036.8 -5253.4	376	11.5	14559.1 -5216.7	466	4.0	21202.8 -5204.9
197	9.1	05428.6 -5201.0	287	10.5	12109.5 -5231.7	377	10.0	14600.7 -5242.9	467	9.3	21205.9 -5235.9
198	10.5	05430.3 -5200.0	288	8.0	12148.7 -5210.7	378	9.8	14621.9 -5233.7	468	10.5	21237.4 -5213.9
199	10.3	05452.5 -5209.0	289	8.4	12155.5 -5237.7	379	11.5	14643.4 -5200.7	469	10.8	21246.2 -5249.7
200	9.0	05503.1 -5248.8	290	11.5	12214.8 -5223.7	380	11.5	14725.7 -5221.7	470	11.3	21250.8 -5228.9
201	10.5	05510.9 -5248.0	291	10.8	12223.8 -5241.7	381	10.8	14731.1 -5256.9	471	11.3	21251.3 -5245.9
202	11.0	05535.5 -5241.0	292	11.5	12249.3 -5243.7	382	10.8	14749.4 -5207.7	472	11.5	21259.2 -5200.9
203	9.6	05541.8 -5230.0	293	11.5	12321.8 -5215.7	383	10.0	14755.2 -5229.7	473	9.4	21306.6 -5254.8
204	10.3	05641.8 -5229.0	294	9.2	12337.9 -5259.1	384	10.8	14756.5 -5259.5	474	11.5	21310.2 -5200.9
205	11.5	05642.0 -5246.0	295	10.5	12350.0 -5231.7	385	11.0	14759.3 -5215.7	475	11.5	21354.1 -5229.9
206	11.0	05655.6 -5243.0	296	7.9	12421.8 -5208.7	386	9.4	14835.8 -5230.6	476	10.5	21358.1 -5229.9
207	10.3	05727.8 -5232.0	297	9.2	12436.8 -5225.7	387	9.2	14850.8 -5230.6	477	11.3	21436.7 -5216.9
208	8.4	05728.1 -5230.0	298	11.5	12450.9 -5243.7	388	11.5	14859.2 -5216.6	478	11.5	21457.9 -5230.9
209	10.0	05739.0 -5209.0	299	10.8	12456.5 -5226.7	389	11.5	14914.1 -5224.6	479	8.8	21523.7 -5253.2
210	8.7	05754.6 -5206.0	300	9.8	12502.3 -5250.7	390	10.5	14928.2 -5209.7	480	8.7	21538.2 -5253.7
211	9.4	05808.1 -5238.9	301	11.0	12511.9 -5230.7	391	9.9	15025.2 -5201.9	481	9.4	21554.8 -5200.9
212	8.6	05815.8 -5238.9	302	10.5	12549.8 -5220.7	392	9.4	15056.8 -5249.9	482	10.3	21611.3 -5234.9
213	10.5	05841.9 -5218.9	303	10.8	12559.7 -5207.7	393	8.8	15100.5 -5245.6	483	9.3	21626.3 -5220.9
214	9.4	05907.1 -5249.7	304	10.5	12616.7 -5237.7	394	3.6	15105.3 -5213.2	484	9.3	21655.6 -5240.8
215	10.3	05911.1 -5220.9	305	10.0	12707.5 -5232.7	395	11.3	15106.4 -5206.6	485	10.0	21700.0 -5212.8
216	9.4	10048.0 -5211.9	306	11.5	12716.8 -5220.7	396	11.8	15209.2 -5226.6	486	9.9	21703.9 -5217.8
217	11.0	10050.8 -5203.9	307	11.5	12717.0 -5230.7	397	6.0	15214.6 -5222.9	487	10.3	21703.9 -5243.8
218	10.8	10052.0 -5208.9	308	8.9	12747.3 -5250.7	398	9.6	15222.6 -5218.6	488	8.0	21714.3 -5242.8
219	10.5	10059.9 -5222.9	309	10.8	12757.8 -5253.7	399	9.6	15229.8 -5229.6	489	11.8	21807.1 -5227.8
220	10.8	10138.4 -5208.9	310	10.5	12759.1 -5202.7	400	10.3	15239.7 -5256.8	490	11.8	21808.5 -5218.8
221	10.5	10232.0 -5226.9	311	11.0	12846.1 -5234.7	401	7.8	15250.0 -5248.7	491	10.0	21826.2 -5224.8
222	9.9	10255.5 -5208.9	312	11.5	12858.2 -5244.7	402	11.3	15312.1 -5254.8	492	10.8	21832.6 -5258.5
223	10.8	10315.8 -5258.5	313	10.0	12916.4 -5250.0	403	9.8	15335.0 -5230.6	493	10.0	21843.0 -5213.8
224	10.0	10335.4 -5208.9	314	9.3	12949.0 -5230.9	404	9.5	15416.5 -5233.5	494	11.3	21846.4 -5254.6
225	10.5	10405.0 -5218.9	315	11.5	13006.0 -5223.7	405	11.8	15418.2 -5214.5	495	8.9	21911.1 -5241.8
226	10.3	10407.3 -5253.5	316	9.2	13019.9 -5232.7	406	7.7	15425.0 -5251.6	496	8.8	21942.3 -5219.8
227	10.3	10426.4 -5230.9	317	10.5	13028.1 -5239.7	407	8.7	15513.4 -5212.0	497	10.3	22028.0 -5249.6
228	9.8	10426.4 -5251.9	318	11.0	13032.5 -5229.7	408	11.8	15517.8 -5222.2	498	11.0	22117.7 -5214.8
229	10.0	10428.1 -5208.9	319	10.5	13052.2 -5244.7	409	10.3	15524.2 -5235.2	499	10.3	22119.9 -5230.8
230	10.5	10450.8 -5238.9	320	10.8	13054.3 -5250.7	410	10.5	15546.6 -5211.1	500	11.3	22125.8 -5247.8
231	9.8	10456.0 -5251.9	321	11.5	13109.4 -5226.7	411	10.8	15610.4 -5252.0	501	10.3	22132.9 -5200.8
232	10.3	10534.5 -5230.8	322	10.3	13128.8 -5250.4	412	9.7	15632.4 -5254.0	502	11.0	22154.1 -5215.8
233	9.3	10600.1 -5233.8	323	10.0	13149.7 -5246.7	413	11.8	15659.2 -5233.1	503	9.2	22205.9 -5221.8
234	9.5	10606.1 -5224.8	324	10.5	13206.6 -5240.7	414	9.9	15716.5 -5224.4	504	7.7	22220.0 -5215.8
235	11.0	10615.8 -5257.5	325	9.0	13222.6 -5204.7	415	10.5	15736.6 -5215.1	505	9.8	22220.9 -5230.3
236	8.6	10646.0 -5224.8	326	8.8	13257.4 -5228.7	416	11.3	15736.8 -5259.8	506	9.5	22230.1 -5242.8
237	10.5	10703.9 -5255.5	327	9.5	13309.2 -5206.7	417	10.8	15746.7 -5243.1	507	10.0	22258.0 -5220.8
238	9.2	10709.5 -5219.8	328	11.5	13341.5 -5231.7	418	10.0	15812.3 -5228.7	508	9.1	22259.0 -5213.8
239	11.0	10736.4 -5252.5	329	10.3	13408.1 -5241.7	419	11.0	15842.1 -5249.1	509	11.5	22303.8 -5220.8
240	9.1	10737.8 -5211.8	330	10.3	13411.5 -5224.7	420	11.5	15905.9 -5258.8	510	9.7	22325.1 -5234.8
241	10.3	10743.4 -5206.8	331	11.5	13426.3 -5238.7	421	10.0	15919.6 -5214.1	511	10.0	22326.0 -5256.4
242	11.0	10829.8 -5206.8	332	11.8	13449.0 -5219.7	422	10.8	15921.1 -5228.1	512	9.8	22344.8 -5254.6
243	10.5	10840.8 -5210.8	333	10.8	13449.6 -5220.7	423	10.0	15925.5 -5220.1	513	8.5	22404.8 -5254.6
244	10.0	10843.4 -5214.8	334	11.5	13459.4 -5257.0	424	11.5	20034.9 -5203.1	514	8.9	22608.1 -5215.7
245	10.5	10847.9 -5229.8	335	9.9	13500.7 -5213.7	425	11.3	20038.7 -5258.8	515	8.5	22642.6 -5233.7
246	10.5	10849.1 -5234.8	336	11.5	13502.3 -5238.7	426	11.8	20051.3 -5243.1	516	10.3	22711.1 -5214.7
247	10.5	11009.9 -5243.8	337	11.5	13504.0 -5240.7	427	9.5	20057.3 -5229.1	517	8.7	22712.8 -5222.7
248	10.8	11017.9 -5254.8	338	11.3	13526.5 -5246.6	428	7.4	20101.3 -5235.1	518	10.0	22720.9 -5250.3
249	11.0	11024.8 -5244.8	339	10.8	13538.8 -5222.6	429	11.3	20128.8 -5258.8	519	9.1	22731.0 -5212.7
250	8.6	11045.2 -5232.8	340	10.8	13600.1 -5203.6	430	11.8	20136.8 -5214.1	520	11.5	22759.3 -5228.7
251	11.3	11053.8 -5257.3	341	11.8	13641.0 -5235.6	431	9.1	20153.1 -5246.5	521	9.2	22818.5 -5207.7
252	10.0	11113.0 -5258.3	342	11.5	13658.0 -5229.6	432	11.0	20214.2 -5256.8	522	10.0	22851.2 -5255.3
253	10.8	11116.8 -5237.8	343	9.6	13731.0 -5232.6	433	10.5	20230.9 -5252.9	523	10.0	22901.0 -5244.3
254	10.5	11129.0 -5218.8	344	11.5	13734.4 -5238.6	434	10.8	20239.3 -5258.8	524	8.6	22901.8 -5230.2
255	11.0	11141.5 -5211.8	345	11.3	13803.7 -5214.6	435	9.9	20246.9 -5251.9	525	9.2	22903.9 -5250.8
256	9.5	11210.2 -5237.8	346	10.8	13809.8 -5223.6	436	10.8	20247.6 -5209.0	526	11.8	22909.4 -5253.7
257	8.5	11229.2 -5259.3	347	10.0	13917.2 -5206.6	437	9.1	20302.2 -5202.0	527	10.0	22915.8 -5253.3
258	7.5	11244.8 -5245.8	348	10.0	13925.0 -5226.6	438	9.5	20310.6 -5245.0	528	9.1	22929.5 -5213.7
259	11.5	11312.7 -5253.3	349	10.3	13949.6 -5241.6	439	11.5	20335.4 -5211.0	529	11.5	22950.1 -5214.7
260	11.5	11353.0 -5257.3	350	10.3	13951.0 -5229.6	440	9.8	20404.0 -5224.0	530	10.0	22951.0 -5251.3
261	10.3	11406.8 -5218.8	351	11.0	14022.7 -5255.9	441	10.5	20413.5 -5216.0	531	8.8	23009.9 -5220.7
262	10.5	11424.3 -5224.8	352	10.8	14115.2 -5247.6	442	9.2	20437.5 -5249.8	532	11.5	23011.3 -5233.7
263	10.3	11433.8 -5215.8	353	11.0	14116.6 -5230.6	443	9.0	20511.5 -5233.0	533	10.3	23225.3 -5203.6
264	10.8	11441.7 -5234.8	354	11.8	14131.8 -5223.6	444	7.3	20511.9 -5219.0	534	9.9	23233.9 -5201.6
265	10.5	11451.4 -5227.4	355	9.9	14157.5 -5231.6	445	11.3	20542.3 -5259.7	535	11.0	23328.9 -5231.6
266	8.4	11456.0 -5228.4	356	8.3	14225.6 -5225.6	446	11.0	20558.7 -5252.7	536	10.0	23402.5 -5258.1
267	8.6	11457.7 -5224.8	357	11.0	14229.8 -5204.6	447	11.5	20601.9 -5215.0	537	9.5	23405.1 -5241.6
268	10.8	11523.7 -5248.6	358	10.8	14257.9 -5208.7	448	11.5	20618.2 -5216.0	538	10.3	23414.7 -5232.6
269	10.0	11548.7 -5255.8	359	11.0	14300.9 -5210.7	449	10.8	20635.1 -5252.8	539	9.1	23416.8 -5253.4
270	8.4	11633.6 -5243.8	360	10.5	14307.1 -5238.7	450	9.8	20700.3 -5212.0	540	10.3	23457.7 -5214.6
271	8.6	11651.6 -5251.0	361	11.0	14310.9 -5256.9	451	10.3	20709.8 -5212.0	541	10.3	23503.6 -5238.6
272	8.6	11659.5 -5253.0	362	10.8	14314.2 -5202.0	452	11.0	20727.5 -5245.0	542	9.5	23541.0 -5211.6
273	11.3	11707.1 -5233.8	363	10.8	14347.6 -5231.7	453	11.3	20754.0 -5246.0	543	10.0	23553.8 -5248.3
274	11.5	11710.6 -5232.8	364	11.0	14351.7 -5219.7	454	11.3	20757.3 -5256.0	544	11.5	23608.1 -5213.6
275	11.3	11724.3 -5206.8	365	7.6	14400.7 -5215.7	455	10.3	20806.8 -5212.0	545	10.3	23620.4 -5215.6
276	11.5	11727.2 -5209.8	366	10.0	14405.8 -5211.7	456	10.5	20810.3 -5213.7	546	7.9	23624.3 -5219.6
277	9.2	11745.5 -5233.8	367	11.8	14437.1 -5224.7	457	11.5	20941.3 -5222.9	547	10.3	23629.5 -5233.6
278	9.2	11755.8 -5218.8	368	10.5	14445.9 -5238.7	458	11.3	21002.3 -5235.9	548	10.3	23638.1 -5240.6
279	10.8	11826.5 -5230.8	369	11.5	14457.5 -5240.7	459	9.0	21040.3 -5203.9	549	10.5	23659.0 -5228.6
280	11.0	11839.5 -5219.8	370	11.8	14457.5 -5218.7	460	11.3	21050.0 -5227.9	550	10.8	23702.2 -5220.6
281	11.0	11845.2 -5242.8	371	9.6	14458.5 -5259.9	461	10.5	21051.0 -5220.9	551	10.0	23734.6 -5257.0
282	11.5	11918.1 -5232.8	372	11.5	14502.1 -5254.9	462	9.2	21101.1 -5251.2	552	10.5	23836.3 -5223.5
283	11.0	11935.8 -5253.1	373	11.0	14525.4 -5215.7	463	10.3	21106.2 -5215.9	553	8.5	23852.5 -5211.1
284	11.5	11938.2 -5232.8	374	9.7	14529.5 -5259.9	464	7.2	21118.6 -5247.9	554	11.0	23917.6 -5205.5
285	11.5	11938.2 -5215.8	375	11.0	14543.1 -5200.7	465	9.2	21157.5 -5206.9	555	10.8	23945.9 -5223.5

-52 556 2h39m

-52 915 4h24m

556	10.8	23950.5	-5215.5	646	9.3	31123.5	-5211.7	736	9.7	33631.1	-5206.4	826	10.0	35618.6	-5225.0
557	9.9	23957.3	-5242.5	647	10.0	31135.0	-5243.7	737	10.0	33631.8	-5226.7	827	10.5	35644.6	-5248.8
558	10.3	24005.9	-5217.5	648	10.0	31150.6	-5229.7	738	10.0	33646.6	-5232.7	828	9.8	35651.0	-5237.0
559	10.0	24008.1	-5230.5	649	10.3	31207.7	-5253.7	739	10.0	33701.6	-5226.7	829	10.5	35654.9	-5251.8
560	9.4	24011.7	-5253.2	650	10.3	31223.9	-5252.7	740	10.0	33755.0	-5247.7	830	9.3	35657.4	-5207.0
561	9.4	24017.5	-5205.5	651	9.3	31238.6	-5246.6	741	9.3	33811.0	-5248.6	831	10.0	35712.9	-5241.5
562	10.8	24019.6	-5206.5	652	10.0	31317.2	-5214.0	742	10.0	33828.1	-5244.6	832	9.9	35713.6	-5224.0
563	9.5	24100.1	-5243.5	653	10.0	31329.8	-5219.6	743	10.0	33833.7	-5208.6	833	9.9	35716.6	-5229.0
564	10.0	24102.1	-5258.9	654	9.4	31347.1	-5223.4	744	10.0	33834.2	-5216.5	834	8.8	35721.6	-5231.0
565	10.5	24121.9	-5224.5	655	10.0	31406.0	-5203.5	745	9.0	33851.0	-5247.7	835	10.0	35736.0	-5240.6
566	9.9	24133.9	-5218.5	656	10.3	31434.0	-5253.0	746	10.0	33856.8	-5249.7	836	10.0	35751.0	-5240.7
567	9.2	24158.5	-5257.9	657	10.0	31440.3	-5202.5	747	9.0	33902.3	-5202.0	837	9.3	35757.5	-5241.0
568	10.8	24159.6	-5231.5	658	10.0	31509.8	-5258.6	748	10.0	33914.9	-5218.6	838	8.3	35802.2	-5221.5
569	10.0	24211.8	-5257.9	659	9.7	31526.0	-5211.9	749	9.5	33933.7	-5214.6	839	10.0	35807.4	-5219.0
570	10.0	24220.4	-5250.0	660	9.8	31536.7	-5227.5	750	7.8	33946.9	-5238.6	840	9.7	35817.1	-5225.9
571	9.9	24311.3	-5201.5	661	9.7	31549.9	-5211.5	751	10.3	34004.0	-5253.5	841	10.5	35822.7	-5248.6
572	8.8	24359.4	-5220.5	662	9.7	31550.1	-5224.5	752	9.3	34028.5	-5226.0	842	10.0	35948.5	-5218.9
573	10.3	24401.1	-5241.5	663	9.9	31600.5	-5201.5	753	9.9	34053.0	-5229.6	843	11.0	35957.7	-5258.7
574	8.4	24428.6	-5205.5	664	8.3	31633.1	-5228.6	754	8.9	34100.0	-5235.6	844	8.0	40014.8	-5250.8
575	10.0	24448.7	-5233.3	665	9.5	31643.6	-5254.4	755	9.6	34102.3	-5207.6	845	8.6	40017.4	-5231.9
576	9.1	24458.5	-5241.5	666	9.4	31718.5	-5250.2	756	10.8	34103.3	-5250.3	846	8.1	40021.5	-5215.5
577	9.7	24549.7	-5234.4	667	10.0	31731.2	-5234.4	757	7.9	34131.1	-5227.8	847	9.6	40100.1	-5231.9
578	11.0	24610.6	-5258.5	668	9.3	31758.5	-5243.4	758	9.6	34155.0	-5229.5	848	10.0	40132.9	-5201.9
579	9.8	24636.5	-5225.4	669	8.1	31921.8	-5200.3	759	10.0	34211.3	-5224.5	849	10.0	40143.3	-5203.8
580	11.0	24817.4	-5244.4	670	8.5	31924.5	-5220.3	760	9.9	34216.8	-5210.8	850	9.7	40147.6	-5229.8
581	11.0	24832.2	-5258.4	671	9.7	32008.7	-5203.7	761	10.0	34218.6	-5226.5	851	10.8	40150.0	-5255.7
582	10.8	24911.2	-5238.4	672	9.7	32009.5	-5219.3	762	9.2	34219.8	-5244.8	852	9.9	40224.0	-5230.8
583	10.8	24911.2	-5236.4	673	9.8	32019.5	-5220.3	763	9.2	34223.8	-5208.5	853	10.0	40301.9	-5246.8
584	7.5	24941.4	-5201.4	674	11.0	32107.4	-5248.3	764	9.8	34236.0	-5229.5	854	10.0	40301.9	-5238.8
585	10.0	25003.6	-5225.4	675	9.8	32126.6	-5210.6	765	10.0	34259.4	-5242.5	855	10.5	40325.2	-5251.6
586	10.5	25007.6	-5232.4	676	7.8	32149.9	-5249.3	766	10.0	34314.6	-5237.5	856	10.0	40327.5	-5243.8
587	10.8	25039.1	-5216.4	677	10.0	32201.8	-5230.1	767	10.0	34346.5	-5222.5	857	10.0	40338.4	-5246.8
588	8.8	25055.9	-5228.4	678	9.5	32232.5	-5215.3	768	11.0	34347.4	-5259.3	858	8.2	40416.1	-5253.6
589	10.8	25114.3	-5206.4	679	10.0	32236.3	-5200.3	769	10.0	34402.4	-5232.5	859	10.0	40423.6	-5244.7
590	10.5	25126.7	-5251.8	680	10.0	32334.5	-5251.3	770	10.0	34406.9	-5232.5	860	10.0	40500.3	-5221.7
591	11.0	25139.6	-5223.3	681	10.0	32336.2	-5242.3	771	10.0	34511.8	-5244.4	861	10.0	40520.6	-5216.7
592	9.9	25141.7	-5241.3	682	10.0	32343.3	-5244.2	772	10.3	34532.2	-5249.3	862	9.3	40548.3	-5212.7
593	10.5	25147.4	-5206.3	683	9.9	32344.8	-5228.2	773	10.0	34536.6	-5222.4	863	8.8	40626.4	-5244.7
594	10.5	25200.0	-5258.3	684	8.8	32347.5	-5214.2	774	9.3	34538.4	-5239.4	864	9.3	40644.0	-5236.7
595	10.3	25212.4	-5207.3	685	10.0	32353.3	-5244.2	775	9.8	34547.8	-5212.4	865	10.0	40703.7	-5235.7
596	8.9	25229.5	-5247.4	686	11.0	32414.2	-5252.2	776	7.1	34612.5	-5227.4	866	10.3	40720.2	-5253.6
597	10.5	25255.6	-5242.3	687	9.9	32414.2	-5203.2	777	10.0	34614.4	-5213.4	867	10.0	40723.2	-5229.6
598	10.5	25445.3	-5223.3	688	10.0	32442.9	-5233.2	778	10.0	34643.8	-5200.0	868	8.4	40826.6	-5225.6
599	10.8	25451.3	-5225.3	689	9.7	32444.1	-5246.2	779	9.8	34705.9	-5259.2	869	8.0	40846.6	-5244.6
600	8.3	25456.4	-5235.8	690	9.0	32449.1	-5211.2	780	8.6	34709.8	-5213.3	870	10.0	40910.3	-5214.6
601	10.0	25501.0	-5205.8	691	9.5	32456.5	-5247.6	781	10.0	34720.2	-5215.3	871	9.4	41003.3	-5212.6
602	10.3	25526.1	-5257.2	692	10.0	32458.6	-5241.2	782	10.0	34736.7	-5251.7	872	10.0	41016.9	-5213.5
603	9.2	25601.4	-5237.2	693	10.5	32514.0	-5256.9	783	10.0	34737.6	-5224.3	873	9.7	41037.1	-5225.9
604	9.6	25614.4	-5235.2	694	11.0	32522.3	-5255.2	784	10.0	34743.0	-5232.3	874	9.9	41130.9	-5211.9
605	9.8	25622.6	-5251.6	695	10.0	32527.9	-5219.2	785	10.0	34744.0	-5237.3	875	8.8	41138.0	-5254.4
606	10.8	25634.2	-5251.2	696	9.5	32542.5	-5249.4	786	9.8	34746.0	-5252.2	876	10.8	41155.3	-5222.9
607	10.0	25642.0	-5234.1	697	9.9	32551.4	-5231.2	787	10.0	34805.6	-5211.3	877	11.0	41206.0	-5240.9
608	10.0	25749.4	-5210.1	698	9.9	32556.1	-5247.2	788	10.0	34808.1	-5234.3	878	8.7	41207.8	-5228.9
609	10.0	25902.4	-5248.1	699	10.0	32610.6	-5245.3	789	10.0	34823.5	-5237.3	879	9.1	41208.5	-5202.9
610	10.0	25902.4	-5204.1	700	9.8	32642.8	-5255.1	790	9.8	34827.6	-5259.1	880	10.8	41249.5	-5222.8
611	9.0	25958.9	-5244.1	701	10.0	32716.4	-5237.1	791	10.0	34831.3	-5244.3	881	10.5	41257.6	-5223.8
612	10.0	30012.1	-5241.1	702	10.0	32716.4	-5238.1	792	10.0	34834.7	-5218.3	882	9.9	41306.6	-5237.8
613	9.2	30041.0	-5232.0	703	10.0	32723.3	-5212.1	793	10.0	34838.7	-5219.3	883	9.3	41313.2	-5217.8
614	10.0	30100.7	-5204.0	704	10.0	32740.1	-5212.1	794	10.0	34848.1	-5230.3	884	10.8	41315.0	-5247.8
615	10.0	30109.1	-5228.0	705	10.8	32741.4	-5257.1	795	10.0	34859.9	-5234.3	885	10.8	41330.0	-5231.8
616	10.0	30120.1	-5216.0	706	10.0	32745.2	-5244.1	796	9.5	34902.5	-5232.3	886	10.5	41343.8	-5249.0
617	9.8	30132.8	-5248.0	707	10.0	32814.4	-5218.0	797	10.0	34902.9	-5238.9	887	8.7	41428.5	-5247.7
618	10.0	30137.8	-5238.0	708	10.0	32818.5	-5208.0	798	10.0	34947.0	-5221.3	888	10.0	41547.2	-5246.7
619	10.0	30147.6	-5209.0	709	7.5	32829.0	-5253.4	799	10.0	35024.8	-5230.2	889	10.8	41558.3	-5245.7
620	9.0	30149.9	-5238.0	710	10.0	32830.0	-5224.0	800	9.8	35127.3	-5204.2	890	10.8	41620.1	-5223.7
621	9.8	30156.9	-5237.0	711	8.8	32907.6	-5212.0	801	9.7	35147.2	-5221.2	891	9.8	41636.0	-5223.6
622	10.0	30230.9	-5202.0	712	9.9	33008.0	-5248.0	802	10.0	35149.1	-5231.2	892	11.0	41637.2	-5253.2
623	10.0	30234.5	-5234.0	713	9.7	33030.1	-5213.2	803	10.0	35151.1	-5218.2	893	10.8	41744.2	-5217.6
624	9.3	30306.2	-5231.9	714	10.0	33056.0	-5208.9	804	10.0	35152.2	-5231.2	894	11.0	41755.1	-5253.2
625	10.0	30333.6	-5201.9	715	8.7	33058.9	-5232.7	805	7.8	35218.4	-5209.5	895	10.0	41835.4	-5220.5
626	9.4	30355.2	-5253.1	716	9.8	33102.1	-5247.5	806	8.1	35228.9	-5236.2	896	9.5	41838.7	-5206.5
627	10.0	30357.4	-5237.9	717	7.3	33210.1	-5257.9	807	10.0	35233.9	-5216.2	897	9.9	41856.7	-5236.5
628	10.0	30436.5	-5212.9	718	10.0	33219.0	-5213.8	808	10.0	35235.2	-5232.2	898	10.8	41903.3	-5218.5
629	10.0	30447.1	-5228.6	719	10.0	33222.1	-5206.8	809	10.0	35235.7	-5231.2	899	10.3	41923.7	-5225.5
630	9.1	30508.2	-5228.9	720	9.8	33227.0	-5254.9	810	10.0	35254.0	-5200.0	900	9.7	41936.2	-5247.4
631	8.9	30508.7	-5258.9	721	9.2	33312.8	-5225.8	811	9.9	35256.9	-5243.2	901	10.0	41945.7	-5202.5
632	9.8	30514.6	-5236.9	722	11.0	33327.8	-5253.2	812	10.0	35343.3	-5254.6	902	10.5	41948.7	-5216.5
633	10.0	30530.5	-5249.9	723	10.0	33349.4	-5250.6	813	9.8	35414.1	-5232.1	903	10.5	42141.6	-5205.4
634	9.0	30653.7	-5230.8	724	10.0	33404.6	-5209.8	814	9.8	35426.4	-5249.7	904	10.5	42146.2	-5232.4
635	11.0	30726.6	-5253.8	725	9.5	33408.4	-5212.8	815	9.2	35436.9	-5207.1	905	9.5	42149 0	-5252.9
636	8.6	30821.2	-5225.8	726	10.0	33427.6	-5224.8	816	10.0	35440.8	-5240.1	906	10.5	42150.5	-5257.1
637	10.0	30828.1	-5201.3	727	9.4	33431.5	-5200.0	817	9.6	35444.1	-5225.1	907	10.5	42157.0	-5219.4
638	10.0	30901.7	-5232.8	728	10.0	33512.6	-5207.7	818	10.0	35452.8	-5202.1	908	8.0	42215.9	-5212.5
639	10.0	30935.9	-5211.8	729	10.0	33513.5	-5211.7	819	9.8	35506.9	-5203.5	909	10.3	42225.9	-5211.4
640	10.0	30940.5	-5240.8	730	9.3	33529.8	-5230.7	820	10.5	35514.4	-5257.9	910	9.5	42227.9	-5244.4
641	10.0	30951.4	-5211.8	731	9.2	33536.8	-5227.1	821	10.0	35515.3	-5212.1	911	10.5	42227.9	-5226.4
642	9.4	31031.0	-5206.0	732	9.3	33538.5	-5200.1	822	9.6	35520.4	-5244.1	912	9.9	42252.9	-5253.0
643	11.0	31037.3	-5252.7	733	9.9	33553.7	-5237.7	823	9.9	35522.0	-5258.9	913	10.3	42306.9	-5248.3
644	10.0	31038.3	-5245.7	734	10.0	33601.4	-5227.7	824	9.8	35523.2	-5253.8	914	9.5	42309.9	-5245.3
645	9.4	31058.6	-5235.9	735	8.1	33624.4	-5205.7	825	9.8	35602.4	-5211.0	915	9.6	42400.0	-5250.4

-52 916 4h24m

-52 1275 5h33m

916	10.3	42425.7	-5203.3	1006	10.5	44452.4	-5252.2	1096	10.8	50259.7	-5247.5
917	10.0	42438.8	-5234.3	1007	9.7	44507.4	-5248.4	1097	9.3	50307.2	-5231.5
918	10.5	42515.6	-5239.3	1008	10.5	44522.3	-5215.8	1098	9.4	50310.7	-5251.5
919	10.3	42535.8	-5205.2	1009	8.9	44534.2	-5251.3	1099	10.0	50311.2	-5255.5
920	11.0	42539.7	-5226.2	1010	10.3	44600.3	-5220.8	1100	9.6	50339.9	-5213.3
921	9.6	42618.0	-5249.8	1011	10.3	44623.1	-5246.6	1101	10.0	50346.8	-5233.2
922	10.5	42738.9	-5215.2	1012	9.8	44628.1	-5235.7	1102	9.8	50348.3	-5258.4
923	10.5	42752.7	-5236.2	1013	11.0	44646.2	-5253.1	1103	9.8	50400.6	-5249.4
924	10.5	42755.1	-5216.2	1014	8.9	44653.8	-5229.6	1104	8.7	50407.7	-5233.5
925	10.8	42802.7	-5239.1	1015	9.3	44711.6	-5237.6	1105	10.8	50410.6	-5206.5
926	10.5	42829.7	-5227.1	1016	10.0	44720.8	-5250.4	1106	9.8	50419.8	-5253.5
927	10.3	42838.3	-5232.1	1017	8.2	44747.7	-5250.4	1107	10.0	50446.8	-5234.4
928	10.3	42851.4	-5210.1	1018	9.9	44801.6	-5236.6	1108	10.0	50507.8	-5231.4
929	9.6	42859.8	-5242.1	1019	9.5	44823.1	-5208.5	1109	9.9	50523.7	-5221.1
930	9.1	42934.2	-5201.1	1020	10.3	44828.6	-5255.0	1110	9.8	50525.2	-5247.4
931	9.8	42940.0	-5202.1	1021	9.8	44833.0	-5251.4	1111	9.3	50553.8	-5225.4
932	10.5	43023.0	-5234.1	1022	10.5	44833.6	-5251.1	1112	10.8	50603.5	-5253.4
933	10.5	43024.8	-5243.1	1023	10.3	44847.9	-5245.5	1113	10.8	50612.2	-5247.4
934	9.6	43027.4	-5219.5	1024	11.0	44852.4	-5223.5	1114	8.6	50613.1	-5205.4
935	11.0	43031.5	-5238.0	1025	10.3	44853.3	-5202.5	1115	8.7	50709.6	-5214.3
936	10.0	43052.3	-5206.0	1026	10.8	44855.1	-5246.5	1116	8.0	50712.7	-5248.4
937	9.8	43109.0	-5232.0	1027	10.3	44913.5	-5225.5	1117	10.3	50722.6	-5214.3
938	10.5	43121.0	-5223.0	1028	11.0	44921.1	-5226.5	1118	9.7	50733.1	-5239.3
939	8.7	43128.1	-5239.0	1029	9.9	44925.9	-5243.5	1119	9.6	50733.3	-5228.3
940	7.7	43158.8	-5257.8	1030	9.1	44949.5	-5225.4	1120	10.8	50810.7	-5216.3
941	10.5	43200.7	-5240.9	1031	10.5	44952.3	-5211.4	1121	9.7	50812.6	-5259.6
942	10.0	43205.7	-5241.3	1032	10.3	45013.8	-5210.4	1122	11.0	50819.9	-5225.3
943	9.5	43214.1	-5240.3	1033	10.5	45023.3	-5202.4	1123	10.3	50839.6	-5209.2
944	9.2	43301.2	-5204.3	1034	7.7	45040.6	-5232.4	1124	10.3	50903.0	-5200.2
945	10.3	43309.6	-5218.3	1035	10.5	45042.5	-5230.4	1125	10.5	50936.4	-5207.2
946	10.8	43315.2	-5225.2	1036	9.7	45135.6	-5247.8	1126	9.3	50939.4	-5212.6
947	10.8	43321.4	-5250.8	1037	7.7	45139.2	-5244.0	1127	10.3	50951.7	-5216.2
948	10.3	43334.5	-5200.5	1038	10.3	45211.4	-5224.1	1128	10.8	50955.4	-5225.2
949	11.0	43347.6	-5253.7	1039	10.8	45221.6	-5248.0	1129	10.5	51036.7	-5218.1
950	8.3	43355.2	-5205.2	1040	11.0	45224.4	-5226.1	1130	10.8	51043.5	-5243.1
951	10.3	43358.4	-5200.2	1041	10.8	45232.8	-5239.6	1131	10.8	51050.6	-5202.1
952	9.3	43404.4	-5230.2	1042	10.5	45233.6	-5200.6	1132	6.7	51059.7	-5209.7
953	10.3	43427.3	-5218.2	1043	7.7	45239.9	-5210.2	1133	10.8	51110.7	-5254.2
954	10.3	43434.3	-5202.2	1044	11.0	45251.4	-5248.0	1134	10.8	51127.4	-5209.6
955	10.3	43438.7	-5245.2	1045	9.8	45258.4	-5217.0	1135	9.9	51127.8	-5249.7
956	8.5	43441.0	-5218.2	1046	8.9	45311.6	-5245.0	1136	10.8	51129.6	-5214.6
957	11.0	43442.6	-5251.7	1047	10.8	45348.2	-5232.0	1137	7.4	51227.0	-5248.4
958	8.8	43442.9	-5249.0	1048	8.9	45432.7	-5219.9	1138	10.0	51230.1	-5211.9
959	10.0	43522.2	-5235.2	1049	10.8	45437.7	-5201.9	1139	10.0	51231.6	-5246.6
960	10.8	43535.2	-5223.2	1050	11.0	45443.4	-5240.9	1140	6.7	51245.8	-5219.6
961	9.9	43537.7	-5204.8	1051	11.0	45448.2	-5218.9	1141	9.6	51250.0	-5211.5
962	10.8	43545.4	-5252.7	1052	10.8	45508.6	-5218.9	1142	10.5	51304.6	-5250.1
963	9.4	43622.4	-5227.1	1053	9.6	45514.0	-5205.9	1143	9.6	51307.6	-5227.5
964	9.9	43629.8	-5242.6	1054	9.9	45514.0	-5208.9	1144	10.5	51316.5	-5241.5
965	10.5	43632.9	-5242.1	1055	10.3	45526.1	-5223.9	1145	10.8	51325.6	-5213.5
966	9.4	43702.7	-5238.5	1056	9.8	45558.7	-5255.8	1146	10.5	51332.1	-5251.8
967	10.5	43706.0	-5220.1	1057	9.5	45559.0	-5205.9	1147	10.0	51336.9	-5211.5
968	10.0	43716.9	-5247.1	1058	9.2	45559.7	-5225.9	1148	10.0	51348.9	-5219.5
969	10.0	43718.4	-5249.8	1059	10.0	45603.7	-5249.7	1149	8.1	51404.3	-5235.5
970	9.5	43727.2	-5207.1	1060	10.5	45612.5	-5211.9	1150	9.3	51418.6	-5202.5
971	11.0	43748.1	-5237.1	1061	10.3	45706.2	-5259.7	1151	11.0	51425.3	-5244.5
972	8.9	43748.9	-5219.1	1062	7.8	45715.9	-5202.8	1152	10.3	51426.4	-5205.5
973	10.5	43756.5	-5217.1	1063	10.8	45717.0	-5238.0	1153	10.5	51434.8	-5216.5
974	10.5	43758.0	-5227.1	1064	11.0	45737.9	-5202.8	1154	9.5	51446.2	-5226.5
975	10.3	43802.0	-5209.1	1065	10.0	45753.6	-5218.4	1155	10.3	51456.9	-5209.5
976	9.6	43816.3	-5209.0	1066	10.0	45804.0	-5213.8	1156	9.8	51507.7	-5213.5
977	7.7	43822.8	-5251.6	1067	10.5	45808.7	-5231.8	1157	10.8	51512.0	-5248.2
978	9.6	43830.5	-5227.0	1068	10.5	45810.1	-5224.8	1158	10.0	51519.3	-5239.4
979	8.1	43842.3	-5233.0	1069	9.5	45811.7	-5201.8	1159	9.4	51527.9	-5254.2
980	10.0	43855.8	-5239.0	1070	10.3	45819.6	-5257.7	1160	10.5	51542.3	-5211.6
981	10.5	43906.1	-5209.0	1071	10.8	45826.7	-5224.8	1161	10.5	51542.9	-5210.4
982	9.7	43917.4	-5201.0	1072	10.5	45834.5	-5207.8	1162	11.0	51609.2	-5244.4
983	11.0	43919.1	-5233.0	1073	8.9	45837.5	-5213.7	1163	10.8	51611.4	-5214.4
984	10.3	43920.4	-5231.0	1074	11.0	45838.4	-5215.7	1164	10.8	51632.2	-5233.4
985	8.5	43937.3	-5224.5	1075	10.5	45856.8	-5237.7	1165	10.8	51637.3	-5218.4
986	9.7	43937.9	-5215.0	1076	10.5	45859.5	-5256.7	1166	10.5	51637.7	-5217.4
987	9.5	43940.1	-5221.4	1077	9.7	45903.0	-5237.0	1167	9.4	51640.6	-5249.2
988	9.7	43947.9	-5213.0	1078	9.8	45908.2	-5221.9	1168	8.0	51651.6	-5209.4
989	10.3	43948.9	-5203.0	1079	10.5	45923.2	-5220.7	1169	11.0	51652.7	-5230.4
990	7.7	44031.7	-5246.9	1080	10.5	45928.5	-5236.7	1170	9.6	51723.9	-5207.4
991	10.5	44032.5	-5201.9	1081	10.8	45933.8	-5229.7	1171	10.8	51742.5	-5226.4
992	7.0	44043.9	-5229.9	1082	10.8	45952.2	-5228.0	1172	10.8	51747.8	-5244.3
993	11.0	44048.6	-5257.3	1083	9.8	50033.0	-5249.6	1173	10.8	51750.6	-5224.3
994	8.0	44120.0	-5251.8	1084	8.7	50039.1	-5252.6	1174	10.8	51754.6	-5258.9
995	10.0	44123.8	-5232.9	1085	10.3	50039.7	-5231.9	1175	9.2	51822.1	-5256.1
996	8.5	44226.7	-5211.8	1086	10.5	50109.0	-5244.6	1176	9.2	51833.6	-5235.3
997	8.1	44305.3	-5207.8	1087	9.9	50121.2	-5234.6	1177	10.0	51859.9	-5209.3
998	10.3	44332.3	-5201.8	1088	10.3	50122.0	-5209.2	1178	8.8	51901.5	-5251.8
999	10.0	44337.2	-5227.8	1089	9.9	50131.0	-5241.6	1179	9.9	51906.4	-5227.3
1000	9.2	44343.9	-5214.8	1090	9.8	50141.3	-5201.9	1180	10.8	51906.6	-5232.3
1001	10.5	44353.5	-5251.5	1091	10.8	50145.7	-5206.6	1181	10.0	51912.4	-5252.8
1002	9.9	44353.5	-5231.8	1092	10.3	50146.4	-5211.6	1182	10.3	51913.6	-5254.3
1003	10.0	44354.5	-5232.8	1093	7.9	50156.1	-5220.6	1183	10.5	51920.2	-5239.3
1004	9.4	44415.6	-5254.2	1094	11.0	50225.2	-5249.5	1184	10.0	51938.3	-5240.3
1005	10.5	44422.0	-5211.8	1095	10.5	50238.2	-5225.6	1185	10.0	51949.8	-5240.3
1096	10.8	50259.7	-5247.5	1186	10.5	52000.2	-5208.3
1097	9.3	50307.2	-5231.5	1187	11.0	52004.6	-5213.3
1098	9.4	50310.7	-5251.5	1188	10.8	52009.9	-5200.0
1099	10.0	50311.2	-5255.5	1189	11.0	52034.2	-5233.3
1100	9.6	50339.9	-5213.3	1190	10.8	52039.6	-5209.3
1101	10.0	50346.8	-5233.2	1191	10.3	52043.8	-5239.3
1102	9.8	50348.3	-5258.4	1192	10.3	52046.3	-5242.3
1103	9.8	50400.6	-5249.4	1193	10.3	52109.2	-5244.2
1104	8.7	50407.7	-5233.5	1194	9.8	52117.4	-5231.2
1105	10.8	50410.6	-5206.5	1195	10.3	52128.6	-5248.0
1106	9.8	50419.8	-5253.5	1196	9.7	52141.4	-5259.8
1107	10.0	50446.8	-5234.4	1197	7.0	52151.9	-5226.2
1108	10.0	50507.8	-5231.4	1198	6.5	52156.9	-5226.2
1109	9.9	50523.7	-5221.1	1199	8.3	52200.2	-5243.2
1110	9.8	50525.2	-5247.4	1200	10.0	52203.9	-5244.2
1111	9.3	50553.8	-5225.4	1201	10.3	52206.8	-5250.6
1112	10.8	50603.5	-5253.4	1202	10.3	52207.0	-5254.0
1113	10.8	50612.2	-5247.4	1203	7.4	52226.4	-5247.0
1114	8.6	50613.1	-5205.4	1204	10.5	52243.9	-5221.2
1115	8.7	50709.6	-5214.3	1205	10.3	52248.2	-5239.2
1116	8.0	50712.7	-5248.4	1206	9.9	52249.2	-5248.2
1117	10.3	50722.6	-5214.3	1207	10.0	52258.2	-5243.2
1118	9.7	50733.1	-5239.3	1208	11.0	52319.2	-5231.2
1119	9.6	50733.3	-5228.3	1209	10.5	52326.6	-5237.2
1120	10.8	50810.7	-5216.3	1210	10.5	52348.0	-5240.2
1121	9.7	50812.6	-5259.6	1211	10.3	52348.9	-5224.2
1122	11.0	50819.9	-5225.3	1212	10.0	52355.6	-5234.2
1123	10.3	50839.6	-5209.2	1213	11.0	52415.7	-5241.2
1124	10.3	50903.0	-5200.2	1214	10.5	52441.0	-5243.1
1125	10.5	50936.4	-5207.2	1215	10.5	52446.2	-5255.1
1126	9.3	50939.4	-5212.6	1216	10.8	52448.3	-5253.7
1127	10.3	50951.7	-5216.2	1217	10.3	52450.2	-5251.9
1128	10.8	50955.4	-5225.2	1218	10.3	52455.2	-5229.1
1129	10.5	51036.7	-5218.1	1219	11.0	52501.2	-5236.1
1130	10.8	51043.5	-5243.1	1220	11.0	52510.0	-5202.1
1131	10.8	51050.6	-5202.1	1221	10.5	52518.9	-5231.6
1132	6.7	51059.7	-5209.7	1222	10.5	52519.6	-5232.1
1133	10.8	51110.7	-5254.2	1223	8.6	52558.5	-5202.1
1134	10.8	51127.4	-5209.6	1224	11.0	52604.9	-5213.1
1135	9.9	51127.8	-5249.7	1225	11.0	52632.6	-5221.1
1136	10.8	51129.6	-5214.6	1226	8.9	52645.8	-5253.4
1137	7.4	51227.0	-5248.4	1227	10.8	52650.4	-5219.1
1138	10.0	51230.1	-5211.9	1228	9.8	52657.5	-5209.1
1139	10.0	51231.6	-5246.6	1229	10.0	52658.2	-5249.1
1140	6.7	51245.8	-5219.6	1230	10.8	52713.6	-5242.1
1141	9.6	51250.0	-5211.5	1231	10.5	52719.2	-5254.1
1142	10.5	51304.6	-5250.1	1232	10.8	52730.0	-5217.1
1143	9.6	51307.6	-5227.5	1233	8.7	52731.2	-5232.1
1144	10.5	51316.5	-5241.5	1234	10.0	52805.8	-5235.0
1145	10.8	51325.6	-5213.5	1235	10.3	52807.3	-5228.0
1146	10.5	51332.1	-5251.8	1236	9.1	52822.1	-5248.4
1147	10.0	51336.9	-5211.5	1237	10.5	52827.4	-5227.0
1148	10.0	51348.9	-5219.5	1238	10.5	52838.2	-5216.0
1149	8.1	51404.3	-5235.5	1239	10.3	52847.5	-5212.0
1150	9.3	51418.6	-5202.5	1240	10.0	52903.2	-5255.0
1151	11.0	51425.3	-5244.5	1241	10.3	52903.2	-5211.0
1152	10.3	51426.4	-5205.5	1242	10.8	52915.6	-5253.0
1153	10.5	51434.8	-5216.5	1243	10.0	52919.4	-5231.0
1154	9.5	51446.2	-5226.5	1244	11.0	52919.5	-5230.0
1155	10.3	51456.9	-5209.5	1245	10.8	52928.0	-5224.0
1156	9.8	51507.7	-5213.5	1246	9.7	52933.0	-5209.0
1157	10.8	51512.0	-5248.2	1247	11.0	52935.0	-5212.0
1158	10.0	51519.3	-5239.4	1248	11.0	52936.8	-5216.0
1159	9.4	51527.9	-5254.2	1249	10.5	52944.8	-5256.0
1160	10.5	51542.3	-5211.6	1250	11.0	52952.3	-5205.0
1161	10.5	51542.9	-5210.4	1251	10.5	52958.4	-5217.0
1162	11.0	51609.2	-5244.4	1252	10.5	53014.0	-5238.0
1163	10.8	51611.4	-5214.4	1253	10.8	53028.2	-5216.0
1164	10.8	51632.2	-5233.4	1254	10.5	53029.8	-5223.0
1165	10.8	51637.3	-5218.4	1255	9.5	53104.8	-5226.9
1166	10.5	51637.7	-5217.4	1256	11.0	53110.2	-5230.9
1167	9.4	51640.6	-5249.2	1257	10.3	53116.4	-5240.9
1168	8.0	51651.6	-5209.4	1258	10.8	53123.5	-5231.9
1169	11.0	51652.7	-5230.4	1259	10.5	53133.2	-5232.9
1170	9.6	51723.9	-5207.4	1260	10.5	53135.2	-5240.9
1171	10.8	51742.5	-5226.4	1261	7.5	53137.6	-5242.9
1172	10.8	51747.8	-5244.3	1262	10.5	53155.4	-5216.9
1173	10.8	51750.6	-5224.3	1263	10.5	53208.0	-5200.9
1174	10.8	51754.6	-5258.9	1264	10.8	53209.9	-5257.4
1175	9.2	51822.1	-5256.1	1265	9.4	53229.6	-5249.3
1176	9.2	51833.6	-5235.3	1266	10.8	53234.0	-5247.9
1177	10.0	51859.9	-5209.3	1267	11.0	53236.8	-5227.9
1178	8.8	51901.5	-5251.8	1268	9.4	53245.6	-5255.6
1179	9.9	51906.4	-5227.3	1269	11.0	53251.6	-5243.9
1180	10.8	51906.6	-5232.3	1270	11.0	53302.5	-5214.9
1181	10.0	51912.4	-5252.8	1271	11.0	53302.5	-5210.9
1182	10.3	51913.6	-5254.3	1272	10.8	53328.7	-5218.9
1183	10.5	51920.2	-5239.3	1273	11.0	53329.6	-5206.9
1184	10.0	51938.3	-5240.3	1274	10.5	53331.7	-5211.9
1185	10.0	51949.8	-5240.3	1275	11.3	53336.9	-5215.9

-52 1276 5h33m

-52 1635 6h37m

1276	10.5	53347.2	-5222.8	1366	10.0	54856.2	-5208.3	1456	10.0	60540.9	-5206.8	1546	9.9	62208.7	-5215.3
1277	8.6	53400.4	-5251.6	1367	10.0	54905.2	-5200.3	1457	10.0	60543.9	-5226.8	1547	8.7	62227.2	-5208.3
1278	8.5	53410.0	-5200.8	1368	10.0	54931.3	-5222.3	1458	8.0	60559.7	-5206.8	1548	8.7	62248.0	-5203.3
1279	9.9	53421.5	-5225.8	1369	10.0	54933.8	-5207.3	1459	9.1	60606.9	-5231.8	1549	10.0	62312.9	-5237.3
1280	11.0	53432.7	-5253.8	1370	7.3	54934.8	-5205.3	1460	10.0	60611.9	-5251.8	1550	9.7	62316.7	-5216.3
1281	9.8	53433.0	-5257.4	1371	10.0	54956.4	-5238.3	1461	10.0	60615.7	-5200.2	1551	10.0	62318.5	-5228.3
1282	10.0	53448.2	-5203.8	1372	10.0	55010.4	-5200.0	1462	10.0	60632.7	-5208.8	1552	8.2	62320.6	-5235.3
1283	10.5	53452.2	-5252.8	1373	9.1	55017.8	-5232.3	1463	10.0	60642.2	-5206.8	1553	9.2	62324.6	-5233.3
1284	10.3	53501.6	-5253.3	1374	9.9	55032.0	-5251.3	1464	10.0	60646.8	-5232.8	1554	9.3	62331.2	-5256.0
1285	10.0	53510.3	-5239.8	1375	10.5	55034.6	-5249.4	1465	10.0	60649.4	-5246.5	1555	10.3	62347.3	-5254.3
1286	11.0	53512.6	-5220.8	1376	10.0	55045.3	-5230.3	1466	8.7	60706.0	-5201.0	1556	9.8	62357.9	-5253.3
1287	8.8	53546.3	-5206.8	1377	10.0	55050.2	-5228.3	1467	10.0	60710.4	-5213.7	1557	10.3	62402.2	-5259.3
1288	11.0	53550.0	-5250.0	1378	10.0	55106.2	-5208.3	1468	10.0	60712.0	-5242.7	1558	8.6	62427.1	-5251.2
1289	8.9	53559.2	-5233.8	1379	11.0	55108.4	-5258.1	1469	10.0	60714.6	-5240.7	1559	9.2	62433.1	-5241.2
1290	10.0	53612.1	-5228.8	1380	9.3	55116.0	-5230.3	1470	8.3	60717.2	-5246.7	1560	9.8	62438.0	-5215.2
1291	10.5	53613.4	-5254.1	1381	10.0	55116.9	-5241.3	1471	10.0	60728.7	-5232.7	1561	10.0	62438.0	-5213.2
1292	9.7	53619.3	-5255.0	1382	10.0	55118.2	-5241.7	1472	10.0	60740.4	-5249.7	1562	10.0	62453.8	-5223.2
1293	10.0	53623.2	-5224.8	1383	10.0	55119.9	-5212.3	1473	10.0	60744.3	-5236.7	1563	10.0	62454.8	-5221.2
1294	10.3	53623.6	-5259.2	1384	5.2	55205.2	-5240.3	1474	10.0	60748.9	-5238.7	1564	10.0	62522.7	-5255.2
1295	11.0	53658.9	-5245.7	1385	10.0	55212.6	-5230.2	1475	10.0	60810.6	-5252.3	1565	10.3	62540.6	-5253.2
1296	9.4	53731.4	-5227.7	1386	9.3	55257.0	-5237.2	1476	10.0	60820.8	-5216.7	1566	10.0	62548.4	-5205.2
1297	11.0	53733.4	-5232.7	1387	9.9	55300.4	-5249.1	1477	10.0	60823.2	-5249.7	1567	10.0	62613.7	-5253.6
1298	10.0	53735.0	-5239.7	1388	10.0	55308.3	-5228.2	1478	10.0	60841.7	-5207.7	1568	11.0	62627.9	-5222.1
1299	11.0	53745.7	-5204.7	1389	10.0	55319.0	-5251.1	1479	10.0	60846.4	-5212.7	1569	10.5	62639.2	-5201.1
1300	10.8	53805.8	-5248.7	1390	9.7	55337.0	-5256.3	1480	10.0	60847.6	-5222.6	1570	10.0	62652.2	-5252.2
1301	9.5	53827.0	-5201.7	1391	10.3	55409.8	-5249.4	1481	9.2	60855.4	-5232.6	1571	10.0	62659.0	-5213.1
1302	10.8	53829.3	-5213.7	1392	10.0	55426.1	-5247.2	1482	10.0	60923.6	-5226.6	1572	10.0	62718.4	-5252.2
1303	11.0	53834.2	-5216.7	1393	10.0	55431.9	-5228.2	1483	10.0	60934.6	-5229.6	1573	8.5	62734.6	-5247.6
1304	11.0	53844.9	-5222.7	1394	10.0	55447.4	-5222.1	1484	10.0	61027.8	-5212.6	1574	10.0	62749.2	-5225.0
1305	10.8	53847.7	-5224.7	1395	8.7	55501.9	-5239.1	1485	10.0	61029.2	-5228.6	1575	10.0	62749.3	-5240.0
1306	9.1	53850.0	-5218.7	1396	8.7	55513.8	-5213.1	1486	10.8	61056.4	-5253.6	1576	10.0	62753.9	-5222.0
1307	11.0	53855.2	-5254.7	1397	10.0	55517.5	-5206.1	1487	8.9	61123.2	-5219.5	1577	10.0	62823.5	-5207.0
1308	9.5	53902.7	-5240.7	1398	10.0	55552.8	-5225.1	1488	10.0	61132.3	-5215.5	1578	10.3	62826.9	-5211.0
1309	10.5	53904.2	-5245.7	1399	10.0	55553.2	-5209.1	1489	10.3	61136.2	-5223.5	1579	10.0	62852.1	-5255.8
1310	10.0	53905.3	-5250.2	1400	8.3	55556.8	-5248.1	1490	10.3	61137.5	-5233.5	1580	10.0	62855.1	-5213.0
1311	8.5	53907.9	-5202.7	1401	8.0	55600.6	-5240.1	1491	9.9	61138.8	-5237.5	1581	9.8	62855.6	-5246.0
1312	11.0	53910.8	-5210.7	1402	10.5	55602.2	-5256.0	1492	9.7	61139.2	-5214.5	1582	11.0	62919.7	-5254.2
1313	10.5	53920.6	-5206.7	1403	9.7	55608.3	-5238.8	1493	10.5	61153.5	-5238.5	1583	9.2	62921.6	-5225.0
1314	10.5	53939.3	-5200.7	1404	10.0	55641.5	-5217.1	1494	10.8	61202.5	-5200.1	1584	9.5	62922.1	-5202.4
1315	10.8	53951.2	-5214.6	1405	10.0	55710.3	-5226.1	1495	9.8	61204.9	-5207.5	1585	10.0	62932.9	-5219.0
1316	10.8	53953.4	-5221.6	1406	10.0	55712.4	-5252.1	1496	10.5	61219.4	-5251.5	1586	10.0	62933.3	-5248.0
1317	10.8	53958.4	-5235.6	1407	10.0	55713.7	-5246.1	1497	10.5	61234.2	-5230.5	1587	10.0	62956.3	-5243.0
1318	11.0	54005.9	-5227.6	1408	9.1	55721.7	-5211.1	1498	9.7	61236.5	-5200.5	1588	10.0	63008.7	-5244.0
1319	11.0	54011.2	-5245.6	1409	10.0	55722.8	-5226.1	1499	10.5	61238.2	-5200.1	1589	10.5	63009.8	-5219.0
1320	9.4	54113.2	-5206.6	1410	9.7	55723.8	-5228.1	1500	9.9	61247.2	-5217.5	1590	8.7	63023.7	-5210.0
1321	10.0	54115.5	-5221.6	1411	9.5	55725.7	-5212.1	1501	9.7	61253.9	-5236.5	1591	9.8	63027.0	-5257.2
1322	10.3	54120.7	-5203.6	1412	10.0	55810.3	-5244.0	1502	10.0	61304.0	-5251.0	1592	9.0	63035.7	-5223.0
1323	10.5	54123.8	-5212.6	1413	9.7	55828.3	-5202.0	1503	10.5	61309.4	-5227.5	1593	7.0	63036.4	-5214.0
1324	10.8	54132.0	-5250.6	1414	10.0	55832.2	-5203.0	1504	10.0	61312.2	-5206.5	1594	11.0	63102.0	-5221.0
1325	8.1	54147.2	-5239.6	1415	10.0	55840.2	-5219.0	1505	10.8	61313.5	-5235.5	1595	9.9	63104.0	-5219.0
1326	11.0	54150.3	-5210.6	1416	10.0	55850.8	-5234.0	1506	9.6	61321.0	-5231.4	1596	9.8	63114.3	-5208.9
1327	10.0	54152.0	-5201.0	1417	10.0	55906.8	-5258.9	1507	8.6	61327.9	-5221.4	1597	9.7	63122.4	-5237.9
1328	9.8	54152.9	-5253.5	1418	10.0	55913.2	-5241.0	1508	10.5	61339.2	-5216.4	1598	9.5	63122.4	-5212.9
1329	9.8	54204.7	-5200.0	1419	10.3	55931.0	-5255.9	1509	10.5	61342.5	-5211.6	1599	9.7	63129.2	-5218.9
1330	10.8	54204.7	-5216.6	1420	10.0	55955.0	-5221.0	1510	11.0	61409.7	-5249.0	1600	4.5	63213.8	-5252.2
1331	10.8	54216.3	-5223.6	1421	8.7	60002.7	-5210.0	1511	10.5	61410.2	-5249.4	1601	9.5	63226.8	-5223.9
1332	10.5	54232.2	-5210.5	1422	8.6	60003.9	-5251.0	1512	10.3	61413.0	-5220.4	1602	10.0	63233.4	-5248.9
1333	8.6	54254.2	-5243.5	1423	8.2	60011.5	-5207.0	1513	10.5	61423.8	-5230.4	1603	9.5	63240.9	-5237.9
1334	10.5	54303.2	-5214.5	1424	9.7	60015.8	-5205.0	1514	10.5	61430.9	-5208.4	1604	10.0	63244.6	-5248.9
1335	10.0	54309.0	-5212.5	1425	8.6	60102.4	-5217.9	1515	10.8	61438.7	-5212.4	1605	8.9	63246.0	-5213.9
1336	10.0	54309.0	-5220.5	1426	10.0	60105.2	-5248.9	1516	10.3	61442.5	-5219.4	1606	9.5	63248.3	-5225.9
1337	8.3	54310.4	-5247.5	1427	10.0	60113.5	-5227.9	1517	10.0	61444.4	-5248.4	1607	10.0	63258.8	-5200.1
1338	10.0	54313.0	-5245.5	1428	9.1	60115.9	-5246.9	1518	9.7	61454.0	-5225.4	1608	10.3	63310.9	-5237.9
1339	10.3	54332.2	-5254.0	1429	9.1	60118.0	-5212.9	1519	10.3	61505.6	-5250.4	1609	10.5	63338.8	-5257.1
1340	8.9	54340.0	-5221.5	1430	8.2	60129.0	-5252.9	1520	6.7	61507.0	-5240.2	1610	10.5	63347.3	-5232.9
1341	9.6	54354.2	-5220.5	1431	10.0	60154.4	-5217.9	1521	10.3	61514.0	-5221.2	1611	10.0	63349.9	-5227.9
1342	11.0	54358.6	-5234.5	1432	9.7	60154.4	-5201.9	1522	10.8	61522.4	-5227.4	1612	8.0	63416.7	-5214.8
1343	11.0	54405.9	-5244.5	1433	9.9	60159.4	-5216.9	1523	10.5	61524.7	-5257.5	1613	10.0	63443.0	-5200.0
1344	10.5	54410.1	-5259.3	1434	10.3	60207.2	-5255.8	1524	10.8	61531.9	-5202.4	1614	10.0	63448.8	-5247.8
1345	10.3	54417.9	-5248.5	1435	9.8	60223.4	-5253.9	1525	10.3	61608.3	-5208.4	1615	10.0	63502.9	-5208.8
1346	10.3	54512.7	-5218.5	1436	10.0	60227.9	-5210.9	1526	11.0	61625.7	-5249.4	1616	10.0	63508.3	-5229.8
1347	11.0	54531.2	-5246.5	1437	10.0	60253.2	-5248.9	1527	9.5	61631.5	-5251.4	1617	10.0	63519.5	-5222.8
1348	9.1	54537.4	-5241.5	1438	10.0	60321.7	-5234.9	1528	11.0	61635.8	-5201.3	1618	10.0	63521.4	-5226.3
1349	10.5	54552.4	-5229.4	1439	10.0	60323.2	-5200.2	1529	9.8	61702.0	-5229.3	1619	10.0	63533.0	-5243.8
1350	10.5	54603.6	-5248.4	1440	8.2	60331.7	-5218.9	1530	9.1	61705.3	-5205.3	1620	10.0	63533.9	-5229.8
1351	10.8	54613.8	-5206.4	1441	10.0	60334.2	-5217.9	1531	10.5	61707.4	-5259.5	1621	7.4	63537.4	-5249.4
1352	11.0	54621.6	-5258.2	1442	10.0	60355.7	-5226.8	1532	9.6	61720.8	-5231.3	1622	9.8	63547.4	-5211.8
1353	10.3	54648.3	-5234.4	1443	10.0	60404.3	-5244.8	1533	11.0	61735.4	-5243.3	1623	11.0	63600.4	-5215.8
1354	10.8	54649.2	-5221.4	1444	10.0	60405.4	-5220.8	1534	7.0	61745.2	-5200.3	1624	10.0	63604.8	-5200.8
1355	9.9	54655.2	-5205.4	1445	8.3	60408.2	-5251.8	1535	11.0	61836.6	-5240.3	1625	9.5	63606.9	-5259.8
1356	9.6	54707.2	-5225.4	1446	10.0	60427.5	-5223.8	1536	7.7	61839.6	-5236.3	1626	9.9	63609.8	-5227.7
1357	10.0	54741.2	-5213.4	1447	8.9	60444.3	-5241.8	1537	10.3	61913.7	-5226.3	1627	9.9	63612.1	-5207.7
1358	6.8	54744.5	-5248.4	1448	10.0	60450.0	-5250.8	1538	10.5	61916.4	-5214.3	1628	10.0	63623.9	-5217.7
1359	10.0	54753.2	-5213.4	1449	9.8	60451.2	-5231.8	1539	10.0	61952.2	-5225.3	1629	9.1	63628.5	-5204.7
1360	10.0	54753.8	-5208.4	1450	10.3	60451.5	-5253.8	1540	6.5	62047.9	-5207.3	1630	10.0	63647.9	-5236.7
1361	4.8	54803.7	-5208.4	1451	10.0	60517.4	-5201.8	1541	0.5	62110.7	-5237.3	1631	7.7	63650.3	-5242.7
1362	10.0	54813.9	-5202.4	1452	10.0	60526.6	-5201.8	1542	9.3	62145.6	-5247.3	1632	10.0	63700.1	-5208.7
1363	10.0	54815.7	-5240.4	1453	8.7	60530.6	-5230.8	1543	10.0	62148.1	-5212.3	1633	10.0	63703.7	-5243.7
1364	9.8	54818.7	-5245.4	1454	9.9	60535.2	-5208.8	1544	10.5	62152.5	-5258.4	1634	10.0	63705.0	-5234.7
1365	9.9	54830.2	-5237.4	1455	10.0	60537.6	-5212.8	1545	7.2	62203.3	-5245.3	1635	10.0	63706.0	-5231.7

-52 1636 6h37m

-52 1995 7h26m

1636	10.0	63749.9	-5202.7	1726	10.0	65039.9	-5224.3	1816	10.0	70252.9	-5239.8
1637	10.0	63753.4	-5232.7	1727	10.0	65041.5	-5228.3	1817	10.0	70316.6	-5252.6
1638	9.1	63801.2	-5218.7	1728	11.0	65105.3	-5251.3	1818	10.0	70318.8	-5216.3
1639	10.0	63808.2	-5212.7	1729	11.0	65119.3	-5219.3	1819	10.0	70322.6	-5250.2
1640	10.0	63808.6	-5234.7	1730	11.0	65122.8	-5251.3	1820	9.8	70327.4	-5211.8
1641	10.0	63820.0	-5200.0	1731	10.0	65125.5	-5241.3	1821	10.0	70333.5	-5256.5
1642	9.2	63831.1	-5250.0	1732	10.0	65130.6	-5227.3	1822	8.7	70341.5	-5224.8
1643	7.9	63831.7	-5234.7	1733	8.6	65138.6	-5205.3	1823	9.8	70346.0	-5241.8
1644	10.0	63841.6	-5242.6	1734	10.0	65150.8	-5218.2	1824	8.9	70400.5	-5216.8
1645	9.8	63845.2	-5217.6	1735	10.0	65202.8	-5250.8	1825	9.7	70410.1	-5229.8
1646	10.0	63900.3	-5217.6	1736	10.3	65212.2	-5256.9	1826	10.0	70412.8	-5220.8
1647	9.7	63900.6	-5240.0	1737	10.0	65228.0	-5223.2	1827	10.0	70419.5	-5254.0
1648	10.0	63915.8	-5227.6	1738	10.0	65231.8	-5213.2	1828	10.0	70421.3	-5215.8
1649	10.0	63923.4	-5232.6	1739	10.0	65237.2	-5238.2	1829	7.0	70430.3	-5200.2
1650	10.0	63934.4	-5234.6	1740	10.0	65302.1	-5204.2	1830	11.0	70444.1	-5209.7
1651	11.0	63935.8	-5251.0	1741	10.0	65307.6	-5217.2	1831	9.6	70449.9	-5204.7
1652	9.9	63939.0	-5231.6	1742	10.0	65310.6	-5220.2	1832	9.7	70459.3	-5217.7
1653	10.3	63949.4	-5256.0	1743	10.0	65329.8	-5223.2	1833	10.0	70501.8	-5218.7
1654	10.5	63952.4	-5257.0	1744	10.0	65332.1	-5258.7	1834	11.0	70509.3	-5241.7
1655	11.0	64011.1	-5217.6	1745	9.9	65338.8	-5255.3	1835	10.0	70520.1	-5247.7
1656	10.0	64014.9	-5237.6	1746	10.0	65353.0	-5230.2	1836	9.6	70527.1	-5232.7
1657	10.0	64015.0	-5249.6	1747	10.0	65355.6	-5208.2	1837	8.7	70600.6	-5209.7
1658	8.8	64047.2	-5253.8	1748	10.0	65359.5	-5219.2	1838	10.0	70601.5	-5206.7
1659	10.0	64049.8	-5252.6	1749	10.0	65404.1	-5221.2	1839	9.1	70602.1	-5227.7
1660	10.0	64057.5	-5229.6	1750	9.7	65407.8	-5257.0	1840	10.0	70617.5	-5239.7
1661	10.0	64059.0	-5229.6	1751	10.0	65421.7	-5238.2	1841	9.4	70630.0	-5238.7
1662	10.0	64106.7	-5245.6	1752	10.0	65435.2	-5215.1	1842	10.0	70642.6	-5227.7
1663	10.0	64118.2	-5214.5	1753	10.0	65437.3	-5247.1	1843	10.0	70649.3	-5215.7
1664	9.5	64125.5	-5231.0	1754	10.0	65438.4	-5206.1	1844	10.0	70654.8	-5258.4
1665	9.9	64134.7	-5244.5	1755	11.0	65447.7	-5226.1	1845	10.0	70704.2	-5241.7
1666	9.8	64141.2	-5255.9	1756	7.5	65453.0	-5228.1	1846	9.6	70716.2	-5254.5
1667	9.6	64152.3	-5259.9	1757	9.5	65521.3	-5255.4	1847	9.1	70723.3	-5246.2
1668	8.1	64154.9	-5217.5	1758	9.9	65521.6	-5245.1	1848	10.0	70740.1	-5232.6
1669	7.8	64213.7	-5213.5	1759	10.0	65526.3	-5203.1	1849	10.0	70741.9	-5211.6
1670	7.1	64233.1	-5204.0	1760	10.0	65534.0	-5209.1	1850	10.0	70742.0	-5234.6
1671	8.7	64238.2	-5221.5	1761	8.7	65536.8	-5255.7	1851	10.0	70751.9	-5207.6
1672	6.5	64302.2	-5216.5	1762	10.0	65536.9	-5226.1	1852	9.6	70753.7	-5258.4
1673	10.0	64311.1	-5211.6	1763	10.5	65600.4	-5251.6	1853	10.0	70810.3	-5215.6
1674	10.0	64349.6	-5201.6	1764	10.0	65605.9	-5230.1	1854	11.0	70814.9	-5243.6
1675	10.0	64353.5	-5218.6	1765	9.5	65610.0	-5249.9	1855	10.0	70820.4	-5207.6
1676	10.0	64355.1	-5200.6	1766	10.0	65617.1	-5254.9	1856	10.0	70826.1	-5219.6
1677	9.3	64401.3	-5256.9	1767	10.0	65623.0	-5242.1	1857	11.0	70832.1	-5232.6
1678	11.0	64404.9	-5220.6	1768	9.4	65631.1	-5225.1	1858	10.0	70837.7	-5254.4
1679	10.0	64413.4	-5215.6	1769	8.9	65632.0	-5257.7	1859	9.6	70840.6	-5257.4
1680	10.0	64413.6	-5241.6	1770	9.4	65635.0	-5252.4	1860	10.0	70847.8	-5238.6
1681	10.0	64415.6	-5214.6	1771	10.0	65644.5	-5247.1	1861	10.0	70911.4	-5212.6
1682	10.0	64450.0	-5240.5	1772	10.0	65656.5	-5224.1	1862	10.0	70923.2	-5246.6
1683	10.0	64501.5	-5216.5	1773	10.0	65700.0	-5249.1	1863	10.0	70927.6	-5217.6
1684	8.9	64507.3	-5221.5	1774	10.0	65709.8	-5223.1	1864	10.0	70937.1	-5218.5
1685	10.3	64517.3	-5212.5	1775	9.4	65710.7	-5257.3	1865	10.0	70942.5	-5226.5
1686	10.0	64517.8	-5225.5	1776	10.0	65712.7	-5243.1	1866	9.7	70944.7	-5212.5
1687	10.3	64519.3	-5255.2	1777	10.0	65716.3	-5232.1	1867	9.3	70945.4	-5228.5
1688	10.0	64548.7	-5207.5	1778	9.8	65723.3	-5257.6	1868	10.0	70951.9	-5256.3
1689	10.0	64552.0	-5216.5	1779	11.0	65733.7	-5225.0	1869	10.0	70954.9	-5259.3
1690	10.0	64559.0	-5255.5	1780	9.9	65751.6	-5245.0	1870	9.8	71000.1	-5218.5
1691	10.0	64603.7	-5247.5	1781	11.0	65752.8	-5240.0	1871	10.0	71003.6	-5207.5
1692	9.4	64611.6	-5250.6	1782	9.4	65812.1	-5208.0	1872	10.0	71004.6	-5214.5
1693	9.4	64612.6	-5253.8	1783	10.0	65815.1	-5249.6	1873	10.0	71052.0	-5251.8
1694	10.0	64617.9	-5220.5	1784	10.0	65821.7	-5230.0	1874	10.0	71052.4	-5206.5
1695	10.0	64619.1	-5207.5	1785	9.9	65823.2	-5235.0	1875	9.5	71053.7	-5247.5
1696	9.6	64623.1	-5255.2	1786	10.0	65842.3	-5201.0	1876	10.8	71055.0	-5200.5
1697	9.3	64637.1	-5226.5	1787	10.0	65848.7	-5209.0	1877	11.0	71109.0	-5229.5
1698	10.5	64640.4	-5245.5	1788	9.9	65859.5	-5220.0	1878	10.5	71114.8	-5240.5
1699	10.0	64643.2	-5216.5	1789	10.0	65902.6	-5202.0	1879	10.0	71117.9	-5252.5
1700	10.0	64648.7	-5232.5	1790	10.0	65909.1	-5239.0	1880	9.8	71137.9	-5223.5
1701	8.0	64724.4	-5239.4	1791	10.0	65927.3	-5246.0	1881	10.0	71150.8	-5200.0
1702	10.0	64728.6	-5250.4	1792	9.7	65931.1	-5204.9	1882	10.0	71152.8	-5235.4
1703	9.9	64730.8	-5228.4	1793	9.8	65943.1	-5243.9	1883	10.0	71158.7	-5245.4
1704	9.8	64746.2	-5248.0	1794	10.0	65947.6	-5208.9	1884	10.0	71202.3	-5216.4
1705	9.7	64751.4	-5209.4	1795	10.0	65951.9	-5216.9	1885	6.5	71223.7	-5217.4
1706	9.1	64755.4	-5229.4	1796	10.0	70009.3	-5253.8	1886	9.3	71230.3	-5235.4
1707	10.3	64804.0	-5250.4	1797	10.0	70026.2	-5236.9	1887	10.0	71246.8	-5238.4
1708	9.3	64804.2	-5218.4	1798	10.0	70027.1	-5244.4	1888	10.0	71256.8	-5202.8
1709	9.9	64806.5	-5239.4	1799	7.0	70029.2	-5214.9	1889	10.0	71309.6	-5220.4
1710	9.4	64807.8	-5252.1	1800	9.8	70031.5	-5216.2	1890	10.0	71310.6	-5227.4
1711	9.4	64820.0	-5216.4	1801	10.0	70037.6	-5225.9	1891	10.0	71325.4	-5254.3
1712	10.0	64838.9	-5245.4	1802	9.4	70041.7	-5240.9	1892	9.7	71328.2	-5244.4
1713	10.0	64848.1	-5247.4	1803	9.4	70042.6	-5202.9	1893	10.0	71332.8	-5200.4
1714	9.6	64852.5	-5234.4	1804	10.0	70102.8	-5219.9	1894	10.0	71340.6	-5249.4
1715	9.7	64909.0	-5247.6	1805	10.0	70121.5	-5229.9	1895	10.0	71347.2	-5254.2
1716	9.4	64921.6	-5228.4	1806	10.0	70134.3	-5221.9	1896	10.0	71355.6	-5256.2
1717	11.0	64923.9	-5223.4	1807	10.0	70137.5	-5219.9	1897	10.0	71404.1	-5227.4
1718	9.7	64932.8	-5217.7	1808	10.0	70143.8	-5229.9	1898	10.0	71427.5	-5251.2
1719	10.0	64947.5	-5206.3	1809	10.5	70145.6	-5213.9	1899	10.0	71430.4	-5259.2
1720	11.0	64956.8	-5208.3	1810	10.0	70156.4	-5200.0	1900	9.8	71436.5	-5249.3
1721	10.5	65004.0	-5258.7	1811	9.7	70210.9	-5244.3	1901	10.0	71438.2	-5230.3
1722	11.0	65010.7	-5210.3	1812	9.9	70219.1	-5226.8	1902	10.0	71444.4	-5222.3
1723	9.1	65018.9	-5202.3	1813	8.1	70227.2	-5224.8	1903	9.5	71452.3	-5235.3
1724	9.1	65019.8	-5215.7	1814	10.0	70229.6	-5212.8	1904	9.8	71455.4	-5209.3
1725	10.0	65037.3	-5248.3	1815	9.8	70245.7	-5222.8	1905	10.0	71455.5	-5217.3
1906	10.5	71506.5	-5237.3								
1907	10.0	71508.9	-5249.3								
1908	10.0	71520.7	-5212.3								
1909	10.0	71528.1	-5218.3								
1910	10.0	71532.9	-5258.2								
1911	10.0	71534.0	-5255.2								
1912	10.0	71541.5	-5227.3								
1913	11.0	71541.6	-5213.3								
1914	10.5	71547.0	-5253.3								
1915	10.0	71548.3	-5259.2								
1916	7.9	71559.7	-5218.3								
1917	9.7	71606.8	-5238.8								
1918	10.0	71614.0	-5222.3								
1919	10.0	71619.3	-5201.3								
1920	10.0	71620.5	-5238.3								
1921	11.0	71622.0	-5220.3								
1922	10.0	71624.2	-5249.8								
1923	10.0	71630.6	-5218.3								
1924	10.0	71632.3	-5250.2								
1925	9.9	71637.8	-5237.3								
1926	10.0	71642.6	-5210.3								
1927	10.0	71646.9	-5251.3								
1928	9.6	71650.3	-5234.2								
1929	8.0	71652.6	-5219.2								
1930	9.8	71656.6	-5222.2								
1931	9.4	71701.4	-5227.2								
1932	10.0	71705.1	-5249.2								
1933	10.0	71717.7	-5246.6								
1934	7.3	71720.7	-5205.2								
1935	8.7	71721.7	-5205.2								
1936	10.0	71811.7	-5210.2								
1937	10.0	71821.8	-5202.2								
1938	10.5	71822.1	-5219.2								
1939	10.0	71841.8	-5239.2								
1940	10.0	71846.3	-5242.2								
1941	10.0	71857.9	-5253.2								
1942	10.0	71906.7	-5247.2								
1943	9.9	71910.7	-5250.4								
1944	8.9	71919.1	-5256.1								
1945	8.0	71948.6	-5217.1								
1946	10.0	71956.7	-5256.1								
1947	11.0	72015.2	-5227.1								
1948	10.0	72025.0	-5233.1								
1949	10.0	72026.1	-5218.1								
1950	9.9	72029.7	-5223.1								
1951	9.8	72030.1	-5258.4								
1952	10.0	72035.9	-5210.1								
1953	10.0	72121.6	-5246.1								
1954	10.0	72125.3	-5225.1								
1955	10.0	72134.5	-5209.1								
1956	10.0	72139.5	-5207.1								
1957	9.7	72146.4	-5202.1								
1958	10.0	72147.1	-5244.1								
1959	9.9	72147.8	-5253.0								
1960	10.0	72148.9	-5216.7								
1961	9.6	72200.1	-5239.1								
1962	7.8	72210.6	-5251.8								
1963	10.0	72213.0	-5224.1								
1964	10.0	72229.1	-5242.1								
1965	9.7	72232.2	-5255.0								
1966	10.5	72243.4	-5233.1								
1967	10.5	72245.4	-5234.1								
1968	10.0	72303.4	-5213.1								
1969	10.0	72310.1	-5229.0								
1970	10.0	72312.4	-5258.0								
1971	9.6	72322.4	-5218.0								
1972	10.0	72330.2	-5225.5								
1973	10.0	72331.6	-5230.0								
1974	9.9	72340.4	-5249.5								
1975	10.0	72340.7	-5257.0								
1976	10.0	72359.5	-5208.0								
1977	9.8	72400.4	-5250.0								
1978	8.2	72400.9	-5204.0								
1979	10.5	72401.2	-5219.0								
1980	10.0	72404.3	-5244.0								
1981	9.3	72406.6	-5221.0								
1982	10.0	72407.3	-5247.0								
1983	9.8	72416.7	-5201.0								
1984	10.0	72417.1	-5232.0								
1985	10.0	72500.4	-5216.0								
1986	9.3	72505.0	-5258.9								
1987	10.0	72516.4	-5216.0								
1988	10.0	72517.2	-5200.0								
1989	10.0	72541.1	-5224.9								
1990	8.4	72545.7	-5212.9								
1991	10.0	72553.6	-5257.9								
1992	9.9	72604.4	-5247.4								
1993	8.0	72621.6	-5206.9								
1994	10.0	72631.9	-5230.9								
1995	10.0	72635.2	-5222.9								

-52 1996 7h26m

-52 2355 8h19m

1996	9.8	72637.5	-5253.9	2086	9.3	73908.6	-5228.4	2176	9.7	75021.8	-5255.4
1997	9.6	72640.7	-5231.9	2087	10.0	73918.3	-5202.4	2177	9.3	75027.3	-5246.0
1998	10.0	72642.7	-5228.9	2088	10.0	73933.1	-5236.4	2178	10.0	75030.1	-5230.0
1999	10.0	72656.5	-5206.9	2089	10.0	73939.6	-5226.3	2179	10.0	75031.9	-5218.0
2000	6.2	72657.7	-5223.9	2090	10.0	73943.9	-5243.3	2180	10.0	75034.9	-5228.0
2001	10.0	72701.4	-5216.3	2091	9.3	74014.9	-5212.3	2181	9.5	75050.4	-5201.0
2002	10.0	72706.0	-5227.9	2092	10.0	74018.1	-5258.8	2182	10.0	75055.1	-5219.0
2003	9.9	72716.7	-5223.9	2093	9.6	74026.8	-5238.3	2183	10.0	75101.6	-5224.0
2004	10.0	72723.0	-5211.9	2094	10.0	74031.7	-5212.3	2184	10.0	75111.9	-5219.0
2005	10.0	72726.5	-5246.9	2095	9.0	74033.9	-5232.3	2185	10.0	75139.8	-5237.2
2006	8.2	72739.5	-5237.9	2096	9.8	74034.1	-5250.3	2186	10.0	75142.6	-5238.9
2007	10.0	72753.5	-5254.9	2097	10.0	74047.3	-5258.8	2187	7.2	75147.6	-5214.9
2008	9.9	72755.1	-5237.4	2098	8.7	74054.5	-5221.3	2188	10.0	75151.5	-5239.9
2009	10.0	72802.0	-5246.9	2099	10.0	74054.8	-5227.3	2189	9.2	75152.2	-5228.9
2010	10.0	72807.8	-5219.9	2100	9.2	74102.4	-5229.3	2190	7.9	75205.0	-5234.9
2011	10.0	72815.0	-5213.9	2101	10.0	74108.5	-5244.7	2191	10.0	75207.7	-5205.4
2012	10.0	72819.7	-5231.8	2102	10.0	74113.9	-5219.8	2192	10.0	75217.8	-5209.9
2013	9.8	72821.2	-5225.8	2103	8.8	74113.9	-5250.6	2193	10.0	75219.8	-5208.9
2014	10.0	72829.7	-5238.8	2104	10.0	74113.9	-5234.3	2194	10.0	75228.7	-5221.9
2015	10.0	72854.4	-5201.8	2105	8.2	74147.7	-5238.7	2195	8.6	75231.4	-5246.9
2016	10.0	72910.8	-5252.8	2106	8.4	74153.4	-5243.3	2196	9.3	75236.3	-5224.9
2017	10.0	72924.5	-5217.8	2107	10.0	74153.7	-5223.3	2197	9.8	75240.7	-5204.2
2018	10.0	72929.6	-5203.8	2108	10.0	74157.5	-5206.3	2198	10.0	75244.0	-5200.9
2019	9.8	72931.3	-5225.8	2109	10.0	74217.6	-5248.3	2199	9.9	75259.7	-5205.9
2020	10.0	72939.8	-5238.8	2110	10.0	74249.7	-5236.3	2200	10.0	75259.8	-5237.9
2021	10.0	72939.8	-5229.8	2111	10.0	74249.7	-5201.3	2201	10.0	75304.6	-5227.9
2022	9.7	72940.7	-5254.9	2112	10.0	74307.5	-5258.7	2202	9.2	75314.2	-5207.9
2023	9.9	72956.7	-5258.7	2113	10.0	74310.6	-5212.2	2203	3.6	75335.8	-5239.1
2024	9.4	72958.1	-5209.8	2114	7.2	74346.1	-5202.2	2204	10.5	75441.8	-5250.4
2025	9.7	73001.1	-5200.8	2115	9.9	74402.2	-5246.2	2205	10.5	75449.9	-5216.3
2026	9.6	73024.8	-5254.1	2116	10.0	74407.6	-5212.2	2206	10.3	75454.7	-5255.3
2027	10.0	73043.0	-5221.7	2117	10.0	74412.9	-5222.2	2207	10.5	75507.2	-5233.3
2028	10.0	73043.0	-5200.7	2118	9.5	74417.7	-5207.2	2208	10.8	75518.1	-5228.3
2029	10.0	73054.4	-5218.7	2119	10.0	74423.8	-5236.3	2209	10.5	75523.9	-5203.3
2030	10.0	73057.9	-5233.7	2120	10.0	74424.3	-5249.7	2210	9.9	75528.2	-5259.3
2031	10.0	73101.5	-5247.7	2121	10.0	74431.7	-5203.2	2211	10.0	75528.9	-5250.3
2032	9.4	73103.0	-5226.7	2122	8.9	74432.0	-5252.0	2212	10.5	75531.7	-5253.3
2033	8.2	73108.3	-5259.1	2123	10.0	74441.7	-5215.7	2213	10.0	75537.7	-5241.6
2034	10.0	73109.9	-5257.1	2124	10.0	74444.1	-5215.2	2214	9.6	75539.6	-5200.6
2035	10.0	73117.5	-5220.3	2125	9.8	74444.8	-5244.2	2215	10.5	75546.4	-5218.0
2036	8.1	73126.8	-5242.7	2126	9.3	74452.4	-5244.2	2216	9.8	75553.6	-5258.9
2037	8.6	73136.2	-5232.7	2127	9.5	74504.8	-5203.2	2217	10.5	75553.6	-5215.6
2038	9.3	73146.4	-5252.3	2128	10.0	74505.1	-5218.8	2218	10.3	75605.6	-5221.3
2039	10.0	73159.4	-5212.7	2129	10.0	74512.0	-5238.2	2219	7.9	75607.2	-5211.8
2040	10.0	73159.4	-5206.7	2130	7.5	74524.4	-5222.2	2220	9.0	75615.3	-5256.0
2041	8.7	73206.0	-5226.7	2131	10.0	74529.4	-5238.2	2221	10.5	75619.2	-5212.2
2042	10.0	73209.6	-5227.7	2132	9.9	74530.5	-5212.2	2222	9.3	75634.4	-5246.6
2043	9.0	73223.0	-5209.7	2133	9.9	74539.4	-5254.6	2223	10.3	75635.5	-5209.3
2044	4.9	73234.4	-5215.7	2134	10.0	74552.6	-5257.6	2224	10.0	75647.0	-5215.0
2045	9.6	73248.7	-5217.7	2135	10.0	74556.8	-5253.6	2225	10.3	75701.8	-5229.2
2046	10.0	73248.7	-5201.6	2136	9.5	74602.2	-5242.1	2226	10.3	75705.8	-5229.8
2047	10.0	73249.6	-5204.6	2137	10.0	74607.4	-5201.1	2227	10.3	75709.4	-5243.5
2048	9.6	73305.3	-5254.0	2138	10.0	74611.1	-5230.1	2228	9.2	75716.3	-5200.3
2049	8.3	73356.7	-5204.6	2139	10.0	74611.4	-5239.1	2229	10.3	75757.9	-5248.4
2050	10.0	73426.8	-5237.6	2140	10.0	74612.6	-5236.1	2230	10.3	75820.6	-5221.0
2051	10.0	73456.4	-5239.6	2141	10.0	74612.6	-5231.1	2231	8.4	75823.9	-5204.3
2052	9.6	73510.1	-5252.7	2142	10.0	74637.4	-5208.1	2232	9.1	75913.0	-5207.5
2053	10.0	73516.4	-5225.5	2143	9.2	74638.3	-5220.1	2233	10.3	75922.8	-5234.3
2054	10.0	73516.4	-5252.5	2144	10.0	74644.8	-5244.1	2234	8.3	75932.9	-5213.2
2055	10.0	73517.1	-5203.5	2145	10.0	74650.8	-5222.1	2235	9.1	75942.4	-5258.1
2056	10.0	73524.5	-5231.5	2146	10.0	74653.4	-5209.6	2236	10.8	75943.4	-5241.1
2057	8.8	73532.8	-5213.5	2147	10.0	74653.5	-5251.1	2237	10.8	75949.6	-5200.1
2058	10.0	73534.8	-5210.5	2148	10.0	74705.6	-5249.5	2238	10.3	75959.4	-5241.3
2059	10.0	73535.1	-5209.5	2149	10.0	74709.6	-5200.1	2239	10.5	80002.1	-5204.7
2060	8.5	73555.3	-5240.5	2150	10.0	74724.4	-5244.1	2240	9.7	80020.0	-5207.7
2061	6.5	73559.7	-5258.9	2151	10.0	74725.7	-5236.1	2241	10.0	80045.8	-5227.7
2062	10.0	73609.5	-5220.5	2152	10.0	74740.8	-5249.1	2242	10.0	80100.3	-5226.0
2063	10.0	73639.2	-5237.5	2153	9.8	74757.3	-5218.6	2243	9.7	80104.9	-5248.2
2064	8.6	73643.2	-5244.5	2154	10.0	74800.5	-5238.1	2244	6.0	80149.3	-5245.2
2065	9.7	73645.0	-5218.5	2155	10.0	74802.1	-5214.1	2245	10.3	80158.7	-5201.1
2066	10.0	73646.5	-5257.9	2156	10.0	74805.0	-5249.8	2246	10.3	80201.3	-5226.8
2067	10.0	73648.2	-5238.5	2157	10.0	74809.3	-5214.1	2247	10.8	80204.8	-5200.1
2068	10.0	73718.5	-5217.4	2158	9.7	74843.3	-5202.0	2248	10.8	80207.6	-5226.1
2069	10.0	73730.3	-5229.4	2159	10.0	74853.1	-5238.1	2249	10.8	80208.9	-5217.1
2070	10.0	73733.6	-5201.4	2160	10.0	74858.9	-5208.5	2250	10.8	80209.3	-5249.1
2071	10.0	73744.8	-5229.4	2161	9.8	74925.5	-5239.4	2251	10.8	80219.9	-5223.0
2072	10.0	73748.0	-5249.8	2162	10.0	74927.4	-5234.0	2252	10.0	80235.2	-5259.0
2073	9.7	73808.1	-5200.0	2163	10.0	74927.4	-5236.0	2253	10.3	80249.0	-5251.0
2074	9.2	73812.4	-5201.0	2164	9.2	74935.4	-5208.0	2254	9.7	80321.0	-5208.0
2075	9.4	73817.3	-5202.0	2165	9.8	74939.7	-5245.0	2255	10.3	80333.0	-5206.5
2076	10.0	73821.1	-5223.4	2166	10.0	74941.5	-5249.7	2256	10.0	80335.1	-5217.0
2077	8.1	73826.6	-5253.9	2167	7.6	74941.5	-5238.0	2257	10.0	80341.5	-5256.0
2078	10.0	73828.1	-5240.4	2168	9.5	74945.5	-5240.6	2258	9.8	80345.3	-5253.2
2079	10.0	73831.2	-5217.4	2169	9.8	74955.1	-5217.7	2259	10.5	80411.6	-5223.3
2080	9.5	73833.0	-5226.0	2170	8.2	74955.1	-5220.5	2260	10.5	80414.6	-5215.0
2081	10.0	73834.2	-5229.4	2171	9.5	75000.4	-5227.0	2261	11.0	80426.2	-5237.0
2082	10.0	73847.8	-5213.4	2172	10.0	75003.3	-5216.5	2262	9.0	80444.8	-5226.4
2083	10.0	73854.6	-5224.4	2173	10.0	75008.2	-5241.0	2263	7.5	80509.4	-5214.9
2084	10.0	73855.2	-5207.4	2174	9.5	75009.1	-5219.0	2264	10.5	80524.0	-5208.6
2085	10.0	73907.9	-5214.4	2175	9.9	75017.4	-5230.0	2265	9.5	80530.0	-5250.0
2355	9.9	81920.2	-5225.8								

-52 2356 8h19m

-52 2715 8h55m

2356	10.5	81928.8	-5211.5	2446	10.8	83128.5	-5207.6	2536	10.0	84209.5	-5223.0
2357	9.1	81934.2	-5258.4	2447	10.5	83129.7	-5259.7	2537	10.5	84212.9	-5258.4
2358	10.3	81951.0	-5243.4	2448	10.8	83222.9	-5249.1	2538	10.5	84216.7	-5226.2
2359	8.6	82001.4	-5200.6	2449	11.0	83226.9	-5204.3	2539	9.6	84218.1	-5250.4
2360	10.0	82016.5	-5234.0	2450	10.5	83228.3	-5246.1	2540	11.0	84230.5	-5218.2
2361	8.8	82024.2	-5208.6	2451	9.6	83234.3	-5229.0	2541	8.7	84232.3	-5234.1
2362	11.0	82036.7	-5215.7	2452	10.5	83241.7	-5206.3	2542	8.7	84237.9	-5240.6
2363	9.8	82042.0	-5247.8	2453	9.9	83249.6	-5215.0	2543	10.8	84239.3	-5227.0
2364	10.3	82042.0	-5246.6	2454	8.4	83251.9	-5236.3	2544	10.8	84240.2	-5231.0
2365	11.0	82042.9	-5222.2	2455	10.0	83258.2	-5202.5	2545	8.1	84240.4	-5204.0
2366	11.0	82112.0	-5238.2	2456	10.0	83301.4	-5208.4	2546	7.9	84243.9	-5223.0
2367	9.3	82114.8	-5213.4	2457	7.6	83310.3	-5205.0	2547	9.8	84249.3	-5228.0
2368	9.6	82122.7	-5216.2	2458	11.0	83317.0	-5250.5	2548	10.5	84250.6	-5229.0
2369	10.5	82125.4	-5258.0	2459	9.6	83327.1	-5257.6	2549	9.3	84251.6	-5206.6
2370	11.0	82149.4	-5232.2	2460	7.7	83340.0	-5249.6	2550	8.3	84252.1	-5225.4
2371	10.5	82158.6	-5253.0	2461	11.0	83340.7	-5235.4	2551	9.8	84306.0	-5251.8
2372	9.8	82159.9	-5233.4	2462	9.0	83351.2	-5212.3	2552	10.8	84307.7	-5216.2
2373	9.5	82205.7	-5215.4	2463	9.7	83402.4	-5212.4	2553	10.8	84314.6	-5213.3
2374	10.8	82224.4	-5228.3	2464	9.5	83413.7	-5226.2	2554	9.3	84320.8	-5231.8
2375	10.8	82229.4	-5248.0	2465	10.5	83429.0	-5244.2	2555	11.0	84329.8	-5240.2
2376	11.0	82234.1	-5211.8	2466	9.7	83430.6	-5218.2	2556	10.3	84330.0	-5240.2
2377	10.3	82256.0	-5234.3	2467	10.8	83450.0	-5230.3	2557	10.5	84340.3	-5233.0
2378	7.0	82258.1	-5223.6	2468	10.0	83500.5	-5211.2	2558	11.0	84340.4	-5255.4
2379	10.0	82258.4	-5226.0	2469	6.4	83512.0	-5239.2	2559	10.3	84343.0	-5235.9
2380	10.0	82310.6	-5245.5	2470	10.8	83518.8	-5215.2	2560	10.8	84343.0	-5209.9
2381	10.8	82314.8	-5202.8	2471	9.8	83520.6	-5209.3	2561	9.2	84349.5	-5251.6
2382	10.5	82328.5	-5240.3	2472	10.0	83521.3	-5231.2	2562	10.3	84349.9	-5226.0
2383	10.5	82328.5	-5239.2	2473	9.5	83526.8	-5235.2	2563	9.5	84350.6	-5202.0
2384	7.1	82330.4	-5217.8	2474	10.5	83527.1	-5216.2	2564	11.0	84400.7	-5224.2
2385	10.3	82345.2	-5208.6	2475	8.7	83528.0	-5215.7	2565	6.8	84420.1	-5223.1
2386	11.0	82404.0	-5247.9	2476	10.0	83539.6	-5219.2	2566	11.0	84420.1	-5256.3
2387	10.3	82410.7	-5218.5	2477	9.7	83544.0	-5208.2	2567	11.0	84425.5	-5213.2
2388	5.1	82411.0	-5240.5	2478	9.3	83545.8	-5250.4	2568	10.8	84428.5	-5242.0
2389	10.0	82411.1	-5202.6	2479	9.7	83550.2	-5235.2	2569	10.8	84454.9	-5218.0
2390	9.7	82414.1	-5208.1	2480	5.6	83553.0	-5259.0	2570	10.8	84456.4	-5232.6
2391	10.3	82440.6	-5245.5	2481	9.8	83602.0	-5252.5	2571	11.0	84457.2	-5251.0
2392	8.9	82441.7	-5220.9	2482	9.8	83605.1	-5243.8	2572	10.3	84504.1	-5230.0
2393	10.0	82458.2	-5229.5	2483	8.9	83609.1	-5231.2	2573	10.0	84507.2	-5234.0
2394	10.0	82502.4	-5230.0	2484	5.4	83624.0	-5237.0	2574	10.0	84509.6	-5236.0
2395	9.9	82504.4	-5211.8	2485	8.7	83625.5	-5216.0	2575	10.3	84520.2	-5242.9
2396	9.1	82506.4	-5202.4	2486	7.6	83627.7	-5249.3	2576	8.1	84522.6	-5238.1
2397	11.0	82522.3	-5245.3	2487	3.5	83642.9	-5229.0	2577	9.1	84531.4	-5226.9
2398	9.0	82527.3	-5232.5	2488	6.5	83643.4	-5234.2	2578	11.0	84532.7	-5214.9
2399	11.0	82530.4	-5220.5	2489	8.0	83712.7	-5221.3	2579	10.5	84533.6	-5206.9
2400	11.0	82534.4	-5222.5	2490	10.5	83720.8	-5205.2	2580	9.3	84538.1	-5242.9
2401	8.4	82544.0	-5250.6	2491	10.5	83727.8	-5211.2	2581	10.8	84540.0	-5220.6
2402	9.2	82559.0	-5238.2	2492	9.6	83735.1	-5227.6	2582	11.0	84545.2	-5241.9
2403	10.8	82603.9	-5211.6	2493	9.1	83745.2	-5209.1	2583	10.5	84548.2	-5255.3
2404	11.0	82632.8	-5221.4	2494	11.0	83747.7	-5240.1	2584	11.0	84551.4	-5247.1
2405	11.0	82632.8	-5248.4	2495	9.7	83751.4	-5251.2	2585	10.8	84551.9	-5211.9
2406	10.8	82642.7	-5221.4	2496	9.3	83755.7	-5233.0	2586	9.5	84552.7	-5200.6
2407	10.8	82643.6	-5233.4	2497	8.0	83811.9	-5237.0	2587	10.8	84555.6	-5255.3
2408	11.0	82644.6	-5245.4	2498	8.1	83829.8	-5218.7	2588	10.3	84559.2	-5234.6
2409	11.0	82649.8	-5246.4	2499	8.7	83833.5	-5243.0	2589	10.5	84559.8	-5209.9
2410	10.8	82654.0	-5208.4	2500	8.1	83834.3	-5230.8	2590	10.8	84604.6	-5237.9
2411	9.7	82714.6	-5259.8	2501	10.0	83837.6	-5239.1	2591	11.0	84618.0	-5249.0
2412	10.8	82721.3	-5255.8	2502	10.8	83839.6	-5229.1	2592	9.8	84627.2	-5239.0
2413	10.5	82734.3	-5256.8	2503	8.0	83839.8	-5255.5	2593	11.0	84628.7	-5233.9
2414	8.7	82735.1	-5215.6	2504	5.7	83844.3	-5239.1	2594	11.0	84636.5	-5222.9
2415	9.7	82737.4	-5216.6	2505	9.8	83845.0	-5259.5	2595	10.8	84644.1	-5232.2
2416	10.3	82738.4	-5230.8	2506	5.1	83850.7	-5240.0	2596	11.0	84644.7	-5202.3
2417	10.5	82743.1	-5230.4	2507	9.5	83855.3	-5205.0	2597	11.0	84645.2	-5202.7
2418	11.0	82745.9	-5206.4	2508	10.0	83857.5	-5235.0	2598	11.0	84645.4	-5234.9
2419	11.0	82800.2	-5241.8	2509	9.8	83858.7	-5202.2	2599	11.0	84647.8	-5203.9
2420	11.0	82801.1	-5229.2	2510	9.6	83900.3	-5259.3	2600	10.8	84658.2	-5241.9
2421	10.8	82817.8	-5240.4	2511	10.8	83907.9	-5223.6	2601	10.5	84717.9	-5215.6
2422	6.4	82837.0	-5247.0	2512	9.9	83910.6	-5233.8	2602	10.3	84719.1	-5221.9
2423	10.8	82843.0	-5246.4	2513	10.5	83912.5	-5219.6	2603	10.8	84719.3	-5211.9
2424	11.0	82850.3	-5207.7	2514	8.5	83915.9	-5204.1	2604	10.8	84721.0	-5219.9
2425	10.8	82912.3	-5207.6	2515	9.6	83924.6	-5257.5	2605	11.0	84725.2	-5244.9
2426	8.8	82912.6	-5258.7	2516	8.0	83928.0	-5237.9	2606	8.6	84733.0	-5220.9
2427	9.5	82919.1	-5207.1	2517	9.0	83936.0	-5240.4	2607	10.8	84737.2	-5258.8
2428	10.5	82928.2	-5251.8	2518	8.7	83939.9	-5209.1	2608	11.0	84737.6	-5243.9
2429	10.8	82935.7	-5240.3	2519	10.0	83943.9	-5241.1	2609	10.8	84740.2	-5248.9
2430	9.6	82939.9	-5217.3	2520	10.5	83958.4	-5222.1	2610	10.5	84744.6	-5232.6
2431	9.3	82941.5	-5232.3	2521	10.8	84015.4	-5207.8	2611	11.0	84745.1	-5227.4
2432	9.6	82944.8	-5202.8	2522	11.0	84016.9	-5233.1	2612	11.0	84753.4	-5225.8
2433	9.8	82946.9	-5253.0	2523	10.0	84017.8	-5247.1	2613	11.0	84753.5	-5211.9
2434	10.0	83000.7	-5234.3	2524	11.0	84029.2	-5226.1	2614	9.1	84757.7	-5245.7
2435	9.5	83005.6	-5255.0	2525	11.0	84042.8	-5253.4	2615	9.7	84758.6	-5202.6
2436	11.0	83031.9	-5219.3	2526	7.7	84112.7	-5237.8	2616	11.0	84814.0	-5236.1
2437	7.3	83039.5	-5238.3	2527	10.0	84116.5	-5251.1	2617	10.5	84820.5	-5254.2
2438	10.5	83043.2	-5254.6	2528	10.0	84124.9	-5258.8	2618	11.0	84823.5	-5210.9
2439	11.0	83047.4	-5201.8	2529	11.0	84135.0	-5248.0	2619	10.5	84836.3	-5209.9
2440	10.3	83049.3	-5224.3	2530	10.5	84150.0	-5217.3	2620	11.0	84841.5	-5243.9
2441	9.7	83106.0	-5210.6	2531	10.5	84152.4	-5203.2	2621	9.6	84841.5	-5202.9
2442	11.0	83111.2	-5226.3	2532	9.0	84155.9	-5229.0	2622	10.8	84843.0	-5249.9
2443	11.0	83115.4	-5245.3	2533	10.3	84203.9	-5208.0	2623	7.7	84843.4	-5251.0
2444	9.8	83118.6	-5215.3	2534	7.9	84205.7	-5231.0	2624	9.8	84852.4	-5213.9
2445	8.9	83126.9	-5220.3	2535	10.5	84206.9	-5208.6	2625	10.8	84859.1	-5227.9
2626	11.0	84900.2	-5248.5								
2627	11.0	84909.4	-5217.7								
2628	11.5	84936.5	-5223.9								
2629	11.0	84944.7	-5238.2								
2630	10.0	84945.2	-5252.2								
2631	10.0	84946.8	-5255.2								
2632	11.0	84947.0	-5251.2								
2633	10.8	84947.7	-5248.0								
2634	10.5	84949.3	-5245.3								
2635	9.3	84953.7	-5204.8								
2636	9.8	84958.4	-5220.8								
2637	11.0	85001.0	-5215.8								
2638	9.0	85001.3	-5256.2								
2639	8.2	85014.3	-5208.8								
2640	11.0	85018.5	-5201.8								
2641	9.6	85020.6	-5225.8								
2642	10.0	85029.2	-5253.5								
2643	9.4	85032.6	-5255.0								
2644	10.0	85037.3	-5246.6								
2645	11.0	85037.3	-5208.8								
2646	9.4	85037.8	-5251.8								
2647	11.0	85039.8	-5208.4								
2648	10.8	85045.9	-5216.8								
2649	9.5	85051.1	-5230.8								
2650	10.5	85051.6	-5226.0								
2651	10.0	85054.3	-5246.3								
2652	11.0	85054.6	-5237.3								
2653	10.3	85055.3	-5253.2								
2654	10.3	85057.6	-5230.5								
2655	10.0	85101.1	-5225.0								
2656	11.0	85108.0	-5215.8								
2657	11.0	85113.7	-5205.6								
2658	10.5	85124.7	-5236.4								
2659	10.5	85128.9	-5218.8								
2660	9.9	85130.3	-5257.2								
2661	11.0	85140.5	-5211.8								
2662	11.0	85146.5	-5229.8								
2663	10.8	85154.0	-5234.8								
2664	9.5	85154.0	-5252.2								
2665	11.0	85156.2	-5234.8								
2666	9.3	85157.6	-5207.8								
2667	10.8	85159.1	-5223.8								
2668	10.5	85210.0	-5211.8								
2669	10.5	85213.2	-5227.8								
2670	9.6	85224.2	-5240.0								
2671	9.6	85229.4	-5222.8								
2672	11.0	85231.1	-5201.8								
2673	11.0	85232.0	-5205.8								
2674	5.1	85232.8	-5214.8								
2675	11.0	85234.6	-5255.1								
2676	10.3	85239.5	-5219.8								
2677	10.3	85240.1	-5226.3								
2678	10.5	85243.5	-5252.3								
2679	11.0	85245.5	-5229.8								
2680	9.0	85248.1	-5225.8								
2681	10.5	85249.8	-5208.2								
2682	10.0	85253.0	-5252.0								
2683	11.0	85254.0	-5217.2								
2684	9.9	85258.6	-5228.8								
2685	10.3	85301.0	-5219.8								
2686	10.5	85308.5	-5251.0								
2687	9.0	85325.4	-5212.8								
2688	11.0	85329.3	-5234.8								
2689	8.7	85329.9	-5216.3								
2690	10.0	85331.3	-5212.8								
2691	9.8	85339.3	-5214.8								
2692	10.8	85339.5	-5208.8								
2693	9.9	85341.4	-5236.8								
2694	10.5	85410.3	-5208.8								
2695	10.8	85412.3	-5257.1								
2696	9.6	85415.0	-5219.5								
2697	9.8	85423.5	-5221.8								
2698	9.1	85430.3	-5243.8								
2699	10.3	85435.8	-5229.8								
2700	10.5	85438.0	-5205.8								
2701	10.8	85440.5	-5253.9								
2702	11.0	85451.0	-5207.0								
2703	11.0	85452.9	-5224.8								
2704	11.0	85454.9	-5235.8								
2705	11.0	85458.8	-5215.8								
2706	11.0	85503.4	-5234.2								
2707	11.0	85504.6	-5222.8								
2708	9.7	85512.9	-5202.1								
2709	10.0	85515.1	-5225.7								
2710	7.7	85517.6	-5251.3								
2711	11.0	85522.8	-5232.7								
2712	11.0	85526.7	-5232.7								
2713	10.8	85534.7	-5244.8								
2714	11.0	85536.7	-5234.7								
2715	9.5	85544.4	-5219.5								

-52 2716 8h56m

-52 3075 9h22m

2716	10.0	85600.4 -5248.5	2806	11.0	90414.3 -5225.0	2896	10.5	91022.1 -5201.1	2986	11.0	91521.0 -5224.3
2717	10.5	85601.1 -5220.9	2807	11.0	90418.4 -5249.5	2897	10.5	91022.8 -5229.4	2987	10.5	91521.4 -5237.3
2718	8.9	85612.9 -5241.7	2808	9.3	90422.0 -5248.5	2898	10.5	91024.2 -5257.6	2988	11.0	91532.5 -5225.2
2719	10.8	85613.7 -5246.6	2809	10.5	90427.5 -5210.3	2899	10.3	91028.6 -5220.8	2989	10.3	91540.0 -5249.6
2720	9.8	85615.0 -5211.9	2810	10.8	90430.2 -5227.0	2900	10.3	91030.4 -5234.4	2990	9.8	91543.4 -5237.2
2721	10.0	85627.2 -5258.0	2811	9.1	90431.9 -5204.5	2901	11.0	91033.9 -5200.2	2991	10.5	91555.9 -5211.0
2722	10.5	85630.0 -5212.7	2812	11.0	90435.7 -5225.6	2902	10.5	91040.7 -5257.6	2992	9.7	91557.5 -5236.2
2723	10.3	85630.4 -5242.0	2813	11.0	90446.2 -5253.8	2903	9.3	91045.6 -5245.6	2993	10.5	91558.9 -5204.4
2724	9.8	85651.4 -5251.8	2814	11.0	90451.2 -5222.1	2904	10.8	91050.3 -5223.4	2994	11.0	91604.1 -5236.6
2725	10.5	85702.4 -5237.0	2815	11.0	90451.2 -5236.3	2905	11.0	91051.2 -5252.6	2995	8.8	91613.0 -5235.6
2726	10.5	85704.2 -5200.6	2816	8.9	90457.0 -5244.6	2906	9.4	91051.8 -5209.8	2996	11.0	91617.3 -5251.8
2727	9.8	85705.1 -5220.7	2817	10.5	90458.9 -5233.5	2907	10.5	91052.2 -5207.5	2997	8.6	91623.6 -5200.4
2728	10.8	85711.2 -5206.2	2818	10.5	90459.1 -5213.3	2908	10.0	91104.8 -5227.4	2998	11.0	91631.1 -5257.5
2729	10.5	85738.0 -5212.7	2819	10.8	90459.7 -5239.5	2909	11.0	91110.7 -5226.4	2999	10.3	91639.3 -5252.6
2730	10.5	85739.1 -5223.6	2820	10.0	90510.5 -5246.5	2910	8.0	91111.7 -5248.2	3000	7.9	91644.7 -5243.8
2731	10.3	85740.5 -5204.7	2821	10.8	90513.5 -5254.8	2911	10.8	91111.7 -5247.0	3001	11.3	91654.2 -5230.6
2732	9.5	85740.9 -5225.0	2822	10.8	90515.0 -5238.5	2912	11.0	91116.1 -5218.4	3002	11.0	91657.2 -5213.8
2733	9.6	85751.7 -5222.3	2823	11.0	90519.4 -5236.5	2913	10.3	91118.2 -5259.6	3003	9.4	91726.4 -5235.8
2734	9.5	85803.0 -5247.1	2824	9.0	90522.6 -5229.5	2914	10.8	91118.7 -5245.2	3004	10.8	91727.2 -5234.6
2735	8.4	85803.5 -5224.7	2825	10.8	90524.2 -5228.0	2915	11.0	91121.0 -5252.7	3005	11.0	91738.5 -5247.8
2736	10.5	85804.7 -5201.6	2826	9.7	90524.5 -5206.5	2916	10.5	91121.2 -5214.2	3006	11.0	91741.7 -5217.6
2737	10.0	85824.9 -5250.9	2827	10.8	90527.2 -5227.7	2917	10.8	91122.4 -5235.0	3007	10.0	91741.8 -5236.2
2738	9.6	85831.4 -5220.6	2828	10.8	90536.0 -5252.8	2918	10.8	91129.2 -5237.7	3008	10.8	91745.2 -5247.2
2739	9.2	85840.7 -5208.4	2829	9.1	90539.1 -5219.5	2919	10.3	91129.7 -5215.2	3009	10.8	91747.2 -5259.4
2740	9.5	85844.3 -5223.7	2830	9.0	90551.0 -5214.5	2920	10.5	91131.6 -5216.2	3010	7.7	91753.9 -5201.6
2741	10.3	85844.7 -5219.0	2831	10.8	90555.6 -5221.5	2921	10.5	91135.9 -5257.6	3011	10.5	91800.4 -5252.2
2742	9.9	85845.1 -5221.4	2832	10.8	90604.7 -5238.0	2922	10.3	91136.2 -5245.3	3012	10.8	91805.4 -5235.4
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2744	10.5	85856.2 -5231.8	2834	11.0	90610.9 -5256.9	2924	10.3	91139.2 -5211.6	3014	10.5	91807.7 -5236.8
2745	10.5	85909.6 -5249.4	2835	10.8	90613.2 -5238.2	2925	9.5	91144.1 -5214.3	3015	10.8	91828.0 -5206.8
2746	10.0	85913.6 -5252.3	2836	10.8	90614.5 -5205.8	2926	10.3	91146.3 -5256.6	3016	11.0	91832.1 -5215.4
2747	10.0	85913.6 -5227.6	2837	8.3	90615.2 -5208.5	2927	11.0	91148.2 -5201.4	3017	8.6	91836.4 -5254.2
2748	10.5	85915.5 -5251.0	2838	11.0	90629.1 -5220.6	2928	10.8	91148.2 -5252.6	3018	11.3	91842.2 -5248.9
2749	9.9	85920.3 -5215.3	2839	8.7	90632.1 -5206.5	2929	8.8	91149.9 -5257.6	3019	9.5	91846.8 -5209.0
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2751	10.8	85938.3 -5224.2	2841	10.8	90640.1 -5201.7	2931	10.8	91153.7 -5214.7	3021	11.0	91853.2 -5208.2
2752	10.8	85945.2 -5250.0	2842	7.7	90648.1 -5232.3	2932	11.0	91158.9 -5235.3	3022	11.0	91900.6 -5255.4
2753	10.3	85950.0 -5210.8	2843	10.8	90701.8 -5226.3	2933	11.0	91159.4 -5240.4	3023	8.0	91903.5 -5220.8
2754	11.0	85951.7 -5259.9	2844	10.5	90707.2 -5229.1	2934	9.7	91200.8 -5251.8	3024	10.0	91910.5 -5256.4
2755	10.0	85959.5 -5245.6	2845	9.3	90708.5 -5227.2	2935	11.0	91206.7 -5226.1	3025	9.0	91912.6 -5212.4
2756	11.0	90002.5 -5202.8	2846	10.5	90709.2 -5229.2	2936	11.0	91215.2 -5214.3	3026	10.5	91914.1 -5216.6
2757	8.1	90002.9 -5224.6	2847	10.5	90710.6 -5251.8	2937	8.4	91216.7 -5203.3	3027	11.3	91919.9 -5229.2
2758	10.3	90012.5 -5255.9	2848	10.8	90711.2 -5208.0	2938	11.0	91220.2 -5224.7	3028	10.5	91922.5 -5249.5
2759	10.0	90013.5 -5212.6	2849	9.3	90712.4 -5211.9	2939	11.3	91223.2 -5243.8	3029	10.5	91925.2 -5216.6
2760	10.8	90017.6 -5220.8	2850	11.0	90730.7 -5230.3	2940	9.6	91224.2 -5200.3	3030	9.8	91926.9 -5258.4
2761	10.5	90023.2 -5238.2	2851	11.0	90734.2 -5226.6	2941	10.5	91234.4 -5235.3	3031	11.0	91929.8 -5213.3
2762	10.5	90023.3 -5257.9	2852	11.0	90740.7 -5253.8	2942	11.0	91237.6 -5222.0	3032	11.0	91933.2 -5214.2
2763	10.3	90025.2 -5254.9	2853	10.8	90742.1 -5219.4	2943	11.3	91240.7 -5223.6	3033	10.0	91936.0 -5245.1
2764	10.8	90027.2 -5207.6	2854	11.0	90742.2 -5206.2	2944	11.0	91241.1 -5219.3	3034	11.0	91937.3 -5231.0
2765	10.3	90031.1 -5200.2	2855	11.3	90742.2 -5237.4	2945	9.4	91251.8 -5205.2	3035	8.4	91942.0 -5244.1
2766	7.4	90035.6 -5200.6	2856	10.5	90742.2 -5218.4	2946	11.0	91253.7 -5223.9	3036	11.5	91949.8 -5227.7
2767	8.6	90050.8 -5235.2	2857	10.5	90745.2 -5240.1	2947	11.0	91258.4 -5251.5	3037	9.5	91949.8 -5252.2
2768	9.7	90051.5 -5246.6	2858	10.8	90748.8 -5230.4	2948	10.0	91302.5 -5228.3	3038	10.0	91953.3 -5218.1
2769	10.8	90053.5 -5256.9	2859	11.5	90750.2 -5253.7	2949	10.8	91304.9 -5236.5	3039	11.0	91957.9 -5232.1
2770	10.5	90105.2 -5243.6	2860	11.0	90750.5 -5243.4	2950	11.0	91311.2 -5221.2	3040	9.8	92000.9 -5219.1
2771	8.7	90105.9 -5235.8	2861	11.0	90758.2 -5212.0	2951	11.0	91317.7 -5233.7	3041	10.0	92009.7 -5218.1
2772	8.4	90124.6 -5242.6	2862	9.7	90803.8 -5208.6	2952	11.3	91319.2 -5205.5	3042	10.8	92017.3 -5241.1
2773	11.0	90125.0 -5259.9	2863	11.0	90814.7 -5238.1	2953	11.0	91320.2 -5237.3	3043	11.0	92018.3 -5227.0
2774	10.8	90129.9 -5202.8	2864	10.8	90816.0 -5246.2	2954	11.0	91320.2 -5255.6	3044	11.0	92019.3 -5229.6
2775	11.0	90134.6 -5251.8	2865	9.2	90819.6 -5255.7	2955	9.1	91330.7 -5219.2	3045	10.0	92019.6 -5246.1
2776	11.0	90145.2 -5229.7	2866	11.5	90824.4 -5242.4	2956	11.5	91334.7 -5238.3	3046	11.0	92022.4 -5223.1
2777	10.8	90146.2 -5239.2	2867	10.8	90825.2 -5250.8	2957	11.5	91336.2 -5235.2	3047	11.0	92025.0 -5201.1
2778	8.5	90204.7 -5218.3	2868	9.8	90838.0 -5258.7	2958	10.5	91336.9 -5238.3	3048	10.3	92027.0 -5235.1
2779	10.8	90205.6 -5202.4	2869	11.5	90840.2 -5225.2	2959	10.3	91343.3 -5223.8	3049	11.3	92028.3 -5223.4
2780	11.0	90207.2 -5227.2	2870	10.8	90844.4 -5240.7	2960	11.8	91343.7 -5205.0	3050	10.8	92028.6 -5247.1
2781	10.3	90211.5 -5254.9	2871	10.8	90845.2 -5209.2	2961	9.4	91348.8 -5212.9	3051	8.5	92037.3 -5237.8
2782	9.0	90213.8 -5227.4	2872	10.8	90857.0 -5256.7	2962	10.3	91355.0 -5245.3	3052	9.1	92039.0 -5228.8
2783	11.0	90219.0 -5249.9	2873	10.3	90857.7 -5243.2	2963	10.5	91355.4 -5235.0	3053	11.0	92039.8 -5251.7
2784	10.5	90235.4 -5247.7	2874	11.3	90907.7 -5237.8	2964	11.0	91357.2 -5258.5	3054	10.8	92042.7 -5217.8
2785	10.3	90238.4 -5259.9	2875	10.5	90911.9 -5252.0	2965	10.8	91358.1 -5217.5	3055	10.0	92047.5 -5229.7
2786	8.4	90238.9 -5246.2	2876	10.8	90913.6 -5215.4	2966	11.0	91403.7 -5249.7	3056	9.9	92047.8 -5255.3
2787	8.1	90241.9 -5231.8	2877	7.1	90915.4 -5259.7	2967	9.2	91410.3 -5227.3	3057	9.2	92053.6 -5252.4
2788	10.5	90244.3 -5232.6	2878	10.5	90926.4 -5243.9	2968	9.5	91414.9 -5200.0	3058	9.7	92053.8 -5254.3
2789	9.1	90244.8 -5244.8	2879	11.0	90933.7 -5242.0	2969	11.0	91418.3 -5214.3	3059	10.0	92058.5 -5213.3
2790	9.9	90246.6 -5251.8	2880	10.5	90934.3 -5229.4	2970	11.3	91426.7 -5256.5	3060	10.0	92103.5 -5230.2
2791	8.0	90248.7 -5201.6	2881	10.8	90935.1 -5220.4	2971	10.5	91427.2 -5206.7	3061	9.7	92108.0 -5202.1
2792	10.5	90255.2 -5246.8	2882	10.8	90937.7 -5221.8	2972	10.3	91429.5 -5217.3	3062	10.0	92109.5 -5221.1
2793	11.0	90305.6 -5249.8	2883	8.9	90938.7 -5201.6	2973	8.6	91431.2 -5249.0	3063	7.3	92132.4 -5242.3
2794	10.8	90307.3 -5225.8	2884	10.0	90939.7 -5252.6	2974	11.0	91437.4 -5228.3	3064	9.6	92137.2 -5212.5
2795	10.3	90309.2 -5212.5	2885	9.8	90944.2 -5242.1	2975	10.8	91438.9 -5239.0	3065	10.3	92142.0 -5250.8
2796	10.8	90317.3 -5229.6	2886	10.5	90944.3 -5231.4	2976	11.0	91446.0 -5258.5	3066	10.3	92148.5 -5258.5
2797	11.0	90323.6 -5214.6	2887	11.0	90950.2 -5253.6	2977	9.2	91449.7 -5224.2	3067	10.5	92157.1 -5239.5
2798	11.0	90325.2 -5228.3	2888	9.5	90950.6 -5200.4	2978	11.0	91449.7 -5204.2	3068	9.7	92207.7 -5219.7
2799	10.3	90328.6 -5221.4	2889	10.8	90954.2 -5239.8	2979	11.0	91452.2 -5232.9	3069	10.5	92208.0 -5250.0
2800	10.8	90333.0 -5254.8	2890	9.9	90955.0 -5250.2	2980	10.8	91452.4 -5240.0	3070	10.3	92210.7 -5214.6
2801	10.3	90334.6 -5220.9	2891	10.8	90956.3 -5218.3	2981	10.8	91453.4 -5245.9	3071	10.8	92212.1 -5220.3
2802	9.2	90346.9 -5239.6	2892	9.0	91000.2 -5255.6	2982	10.8	91458.9 -5233.8	3072	5.2	92213.9 -5250.2
2803	10.8	90359.0 -5243.5	2893	11.0	91001.7 -5232.0	2983	11.0	91506.4 -5218.1	3073	9.6	92216.3 -5225.9
2804	10.5	90403.4 -5248.3	2894	10.5	91016.2 -5254.6	2984	10.8	91513.0 -5236.3	3074	9.0	92234.6 -5249.5
2805	11.0	90411.2 -5236.0	2895	11.0	91020.7 -5207.6	2985	10.8	91518.7 -5204.9	3075	7.5	92240.6 -5258.3

-52 3076 9h22m

-52 3435 9h49m

3076	9.7	92248.8	-5223.5	3166	8.1	92904.8	-5216.6	3256	10.8	93454.7	-5232.9
3077	10.3	92301.8	-5219.9	3167	10.5	92907.9	-5248.6	3257	7.7	93507.5	-5222.6
3078	10.8	92301.8	-5240.7	3168	9.3	92908.3	-5253.8	3258	11.0	93517.7	-5238.2
3079	10.5	92318.5	-5244.7	3169	9.4	92911.9	-5252.8	3259	9.6	93523.1	-5234.6
3080	11.0	92319.7	-5232.4	3170	10.5	92913.9	-5246.8	3260	11.0	93523.2	-5229.8
3081	9.8	92319.9	-5249.7	3171	9.3	92924.5	-5241.3	3261	9.4	93525.1	-5227.2
3082	8.6	92324.2	-5253.3	3172	9.2	92926.4	-5247.5	3262	8.1	93525.7	-5241.4
3083	9.6	92340.8	-5235.7	3173	9.9	92930.8	-5249.8	3263	9.0	93535.5	-5227.4
3084	9.8	92342.0	-5257.3	3174	10.0	92930.9	-5250.6	3264	10.8	93536.2	-5205.9
3085	9.6	92344.3	-5218.2	3175	10.8	92932.4	-5227.6	3265	10.8	93537.2	-5228.7
3086	9.5	92348.4	-5246.2	3176	10.3	92941.3	-5200.5	3266	10.5	93539.9	-5213.8
3087	7.5	92353.6	-5258.3	3177	10.5	92951.1	-5206.5	3267	10.8	93542.7	-5250.2
3088	10.3	92354.0	-5204.9	3178	9.4	92953.7	-5230.3	3268	8.4	93546.9	-5249.0
3089	10.8	92357.4	-5205.6	3179	10.5	92954.9	-5237.1	3269	11.3	93550.7	-5252.7
3090	9.2	92426.8	-5251.9	3180	10.3	92956.1	-5212.8	3270	8.5	93551.2	-5227.4
3091	10.8	92427.8	-5234.1	3181	10.5	92957.3	-5201.2	3271	9.5	93555.6	-5241.8
3092	10.0	92444.9	-5217.6	3182	9.7	92959.0	-5222.8	3272	10.5	93601.2	-5220.9
3093	8.9	92456.2	-5230.6	3183	9.7	93001.6	-5248.4	3273	9.8	93601.2	-5255.9
3094	10.5	92456.9	-5249.2	3184	9.7	93002.7	-5235.5	3274	10.8	93604.7	-5209.6
3095	9.8	92457.7	-5200.8	3185	10.5	93006.2	-5224.5	3275	10.0	93618.6	-5250.8
3096	10.3	92503.0	-5207.6	3186	10.0	93010.2	-5223.0	3276	10.8	93619.7	-5207.7
3097	9.7	92504.6	-5243.8	3187	10.0	93012.8	-5214.8	3277	11.0	93619.7	-5242.5
3098	10.8	92520.2	-5231.6	3188	10.8	93018.1	-5249.7	3278	11.0	93621.6	-5230.6
3099	10.8	92527.6	-5244.6	3189	9.3	93025.7	-5211.8	3279	11.0	93623.5	-5242.4
3100	10.5	92528.8	-5227.5	3190	10.8	93029.1	-5230.8	3280	10.8	93624.7	-5230.4
3101	9.0	92529.4	-5254.0	3191	9.9	93029.2	-5219.5	3281	11.0	93638.7	-5205.7
3102	10.3	92534.7	-5230.8	3192	10.0	93030.6	-5236.7	3282	10.5	93639.2	-5252.0
3103	10.8	92537.8	-5240.9	3193	10.8	93031.0	-5253.4	3283	10.3	93639.8	-5249.0
3104	11.0	92541.3	-5213.1	3194	9.5	93036.9	-5236.6	3284	11.0	93645.6	-5226.4
3105	10.8	92553.8	-5210.4	3195	11.0	93043.1	-5206.0	3285	9.5	93649.0	-5243.4
3106	8.8	92555.6	-5215.4	3196	11.0	93044.1	-5208.9	3286	10.8	93651.3	-5224.1
3107	10.0	92559.1	-5202.8	3197	9.8	93055.2	-5218.6	3287	9.7	93659.9	-5206.4
3108	10.5	92559.8	-5218.9	3198	9.6	93057.7	-5217.5	3288	9.4	93705.8	-5234.2
3109	8.7	92600.1	-5210.4	3199	11.0	93059.5	-5220.9	3289	10.0	93720.0	-5202.6
3110	10.5	92603.9	-5224.0	3200	10.0	93100.7	-5224.4	3290	10.8	93725.7	-5211.4
3111	9.6	92607.5	-5208.8	3201	10.3	93100.9	-5253.1	3291	9.7	93727.5	-5234.0
3112	10.8	92612.0	-5252.2	3202	10.5	93107.1	-5219.0	3292	11.0	93733.6	-5235.7
3113	10.5	92614.1	-5221.5	3203	10.0	93111.9	-5202.6	3293	11.0	93733.6	-5254.4
3114	10.3	92616.6	-5257.2	3204	9.4	93114.3	-5222.5	3294	9.8	93735.5	-5258.9
3115	10.5	92617.1	-5211.4	3205	10.8	93118.1	-5253.5	3295	9.7	93739.3	-5252.0
3116	10.5	92618.2	-5220.6	3206	9.9	93118.9	-5204.8	3296	10.8	93739.7	-5223.1
3117	10.0	92619.2	-5221.2	3207	10.8	93119.0	-5225.2	3297	10.5	93739.7	-5224.3
3118	10.5	92624.1	-5229.1	3208	9.6	93120.3	-5206.5	3298	10.8	93740.0	-5240.2
3119	10.5	92625.6	-5241.9	3209	11.0	93120.3	-5238.1	3299	9.6	93745.8	-5221.4
3120	8.9	92627.2	-5223.6	3210	11.0	93127.1	-5236.4	3300	11.0	93749.7	-5244.1
3121	11.0	92627.2	-5240.0	3211	10.8	93132.4	-5244.5	3301	11.0	93753.9	-5209.2
3122	11.0	92629.1	-5221.7	3212	8.7	93137.1	-5232.8	3302	10.0	93755.9	-5206.6
3123	9.9	92634.6	-5233.1	3213	10.5	93142.7	-5216.5	3303	9.8	93803.7	-5211.5
3124	8.3	92635.6	-5258.2	3214	11.5	93142.9	-5202.2	3304	11.0	93806.7	-5251.0
3125	10.3	92637.6	-5211.1	3215	11.0	93144.6	-5244.3	3305	9.5	93819.4	-5259.9
3126	10.8	92639.6	-5204.8	3216	10.8	93148.0	-5225.5	3306	11.0	93819.9	-5205.8
3127	10.3	92644.0	-5233.8	3217	10.8	93154.1	-5234.8	3307	9.7	93827.3	-5223.2
3128	9.6	92645.5	-5244.0	3218	8.2	93158.4	-5239.5	3308	10.8	93828.5	-5241.4
3129	9.8	92647.4	-5239.6	3219	11.0	93202.1	-5206.4	3309	8.9	93839.2	-5232.2
3130	10.0	92649.1	-5209.9	3220	11.0	93207.6	-5239.0	3310	9.5	93839.6	-5226.0
3131	10.5	92649.2	-5203.7	3221	9.5	93207.6	-5215.8	3311	10.5	93844.6	-5233.4
3132	10.5	92659.2	-5217.6	3222	10.5	93213.2	-5251.2	3312	10.5	93846.7	-5234.4
3133	9.6	92700.1	-5254.2	3223	10.0	93219.6	-5253.3	3313	10.5	93852.2	-5256.9
3134	9.3	92720.4	-5241.4	3224	10.8	93224.1	-5250.8	3314	11.0	93854.8	-5210.3
3135	10.8	92725.0	-5242.1	3225	7.0	93233.6	-5222.9	3315	9.5	93902.6	-5203.8
3136	9.5	92726.0	-5233.8	3226	10.5	93235.9	-5238.8	3316	9.6	93904.9	-5207.9
3137	11.0	92726.7	-5218.5	3227	10.8	93237.9	-5236.5	3317	10.3	93909.7	-5255.1
3138	10.5	92731.7	-5211.3	3228	9.0	93238.1	-5228.3	3318	10.3	93924.0	-5256.0
3139	10.8	92735.2	-5250.3	3229	11.0	93238.1	-5219.1	3319	11.3	93927.7	-5234.4
3140	10.3	92736.9	-5207.4	3230	11.0	93243.6	-5231.6	3320	9.7	93929.6	-5226.0
3141	9.6	92738.1	-5231.2	3231	9.4	93243.9	-5244.5	3321	9.7	93937.6	-5254.6
3142	7.8	92757.1	-5259.2	3232	9.8	93249.8	-5220.7	3322	11.0	93939.6	-5253.9
3143	10.3	92758.6	-5245.3	3233	11.0	93303.5	-5203.6	3323	9.2	93943.6	-5245.2
3144	10.8	92802.8	-5255.1	3234	11.0	93304.7	-5238.6	3324	9.6	93959.8	-5217.4
3145	9.6	92805.0	-5214.6	3235	11.0	93308.6	-5241.5	3325	11.0	94000.8	-5240.4
3146	10.5	92805.1	-5212.6	3236	11.0	93310.2	-5254.0	3326	10.3	94007.6	-5229.2
3147	10.3	92810.2	-5236.6	3237	10.8	93311.6	-5245.5	3327	10.5	94011.6	-5230.2
3148	9.8	92814.2	-5204.6	3238	10.3	93315.6	-5226.5	3328	10.5	94014.7	-5210.0
3149	10.5	92822.1	-5206.6	3239	11.5	93321.7	-5206.3	3329	9.8	94017.9	-5244.4
3150	9.5	92824.1	-5208.6	3240	11.3	93325.7	-5215.3	3330	11.0	94019.6	-5251.2
3151	10.5	92824.2	-5243.4	3241	11.0	93329.7	-5226.8	3331	9.8	94033.5	-5252.2
3152	9.8	92829.0	-5253.8	3242	11.5	93341.2	-5227.3	3332	10.5	94037.7	-5224.2
3153	8.5	92830.2	-5249.0	3243	11.3	93341.7	-5210.6	3333	10.0	94041.4	-5244.6
3154	9.7	92831.3	-5243.6	3244	11.5	93341.7	-5205.8	3334	10.3	94053.8	-5222.3
3155	9.6	92835.8	-5234.6	3245	11.8	93348.7	-5225.2	3335	9.3	94057.1	-5240.3
3156	10.0	92840.5	-5232.6	3246	8.0	93357.5	-5207.6	3336	8.2	94057.8	-5251.2
3157	9.5	92840.9	-5216.5	3247	9.2	93401.8	-5250.4	3337	11.0	94058.9	-5214.3
3158	10.3	92841.9	-5245.7	3248	11.0	93408.6	-5254.6	3338	10.3	94119.5	-5241.8
3159	11.0	92844.2	-5204.8	3249	10.3	93410.5	-5237.5	3339	11.0	94123.7	-5230.3
3160	10.3	92844.4	-5206.8	3250	9.7	93424.8	-5217.3	3340	9.2	94135.0	-5221.3
3161	9.5	92846.6	-5254.2	3251	11.0	93435.7	-5252.0	3341	10.5	94136.5	-5241.8
3162	10.0	92847.7	-5243.4	3252	9.0	93438.4	-5253.0	3342	11.0	94148.1	-5233.0
3163	9.6	92849.8	-5252.1	3253	10.5	93448.7	-5205.1	3343	10.3	94152.6	-5235.5
3164	9.9	92852.6	-5249.1	3254	11.0	93450.0	-5203.2	3344	9.2	94158.3	-5223.0
3165	10.0	92904.3	-5229.6	3255	9.6	93450.0	-5223.3	3345	9.6	94205.6	-5228.6
3346	10.0	94212.1	-5230.3								
3347	8.9	94214.7	-5223.0								
3348	10.5	94219.7	-5232.8								
3349	10.5	94221.9	-5212.3								
3350	9.3	94225.8	-5251.7								
3351	9.2	94228.5	-5201.8								
3352	9.6	94234.8	-5221.3								
3353	10.8	94237.2	-5249.7								
3354	10.8	94241.7	-5203.7								
3355	9.2	94248.4	-5206.5								
3356	10.5	94255.7	-5240.5								
3357	9.9	94300.5	-5244.1								
3358	10.5	94303.7	-5240.8								
3359	10.5	94305.6	-5233.6								
3360	10.8	94309.6	-5229.0								
3361	10.8	94315.4	-5251.3								
3362	10.8	94318.9	-5248.8								
3363	10.8	94321.7	-5212.7								
3364	10.5	94325.0	-5236.4								
3365	11.0	94326.7	-5217.9								
3366	11.0	94329.4	-5215.8								
3367	11.0	94329.5	-5234.8								
3368	10.8	94329.6	-5233.3								
3369	10.5	94335.9	-5256.0								
3370	10.8	94342.0	-5202.5								
3371	11.0	94353.7	-5231.3								
3372	9.1	94354.4	-5223.3								
3373	10.5	94357.5	-5243.3								
3374	10.8	94408.1	-5231.5								
3375	9.2	94410.3	-5225.4								
3376	10.3	94415.7	-5221.3								
3377	7.8	94425.4	-5202.3								
3378	9.5	94429.6	-5233.3								
3379	9.9	94434.8	-5250.2								
3380	10.0	94435.6	-5214.0								
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3382	9.6	94445.5	-5234.0								
3383	11.0	94446.9	-5202.6								
3384	9.7	94448.1	-5257.0								
3385	11.0	94450.2	-5223.9								
3386	10.8	94451.6	-5249.1								
3387	9.8	94452.5	-5242.4								
3388	9.4	94453.8	-5212.2								
3389	11.0	94500.0	-5225.7								
3390	10.0	94501.5	-5229.0								
3391	10.5	94508.4	-5241.2								
3392	11.0	94512.1	-5218.9								
3393	10.0	94520.9	-5200.3								
3394	10.0	94522.4	-5230.4								
3395	11.0	94525.1	-5237.3								
3396	8.7	94525.3	-5229.6								
3397	10.0	94530.8	-5206.3								
3398	10.5	94533.6	-5210.8								
3399	10.5	94534.0	-5228.8								
3400	10.5	94543.6	-5206.2								
3401	10.5	94545.7	-5210.2								
3402	10.5	94549.9	-5200.6								
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3404	10.5	94610.7	-5215.8								
3405	10.0	94612.7	-5224.3								
3406	9.8	94616.8	-5249.3								
3407	9.1	94621.8	-5248.2								
3408	8.7	94627.3	-5243.3								
3409	8.9	94628.1	-5258.0								
3410	9.5	94633.9	-5241.3								
3411	9.7	94644.3	-5214.8								
3412	8.7	94646.4	-5236.2								
3413	9.4	94651.7	-5236.0								
3414	8.6	94657.6	-5218.2								
3415	10.5	94722.5	-5233.5								
3416	10.5	94731.7	-5221.2								
3417	10.3	94733.5	-5228.0								
3418	11.0	94733.8	-5230.2								
3419	11.0	94737.6	-5258.0								
3420	10.8	94743.2	-5223.4								
3421	10.8	94746.3	-5252.0								
3422	11.0	94750.1	-5247.6								
3423	7.7	94752.6	-5204.2								
3424	10.8	94755.1	-5253.2								
3425	10.8	94759.1	-5225.5								
3426	8.4	94812.5	-5256.2								
3427	10.0	94824.4	-5240.2								
3428	8.9	94840.5	-5217.2								
3429	10.0	94841.5	-5228.2								
3430	10.3	94902.8	-5207.2								
3431	11.0	94902.9	-5238.2								
3432	10.5	94908.8	-5210.2								
3433	8.4	94911.4	-5249.2								
3434	10.0	94913.1	-5208.2								
3435	10.5	94917.6	-5232.1								

-52 3436 9h49m

-52 3795 10h24m

3436	11.0	94918.2	-5219.2	3526	10.5	95735.3	-5226.5	3616	9.8	100451.6	-5235.9
3437	9.1	94942.5	-5227.2	3527	9.0	95740.8	-5213.0	3617	11.0	100459.1	-5258.8
3438	8.8	94953.2	-5224.2	3528	10.0	95744.6	-5259.9	3618	7.8	100501.3	-5216.3
3439	9.7	94958.5	-5244.2	3529	10.8	95751.9	-5205.0	3619	11.0	100501.5	-5257.8
3440	10.0	94958.7	-5223.2	3530	10.0	95754.7	-5259.9	3620	9.3	100503.6	-5248.2
3441	10.5	95004.4	-5243.2	3531	10.8	95755.8	-5247.5	3621	9.8	100504.5	-5220.2
3442	10.3	95025.4	-5256.2	3532	11.5	95758.6	-5227.4	3622	9.2	100516.3	-5218.4
3443	9.4	95025.6	-5253.1	3533	8.1	95759.8	-5233.0	3623	9.3	100517.2	-5245.9
3444	8.7	95026.9	-5203.2	3534	11.0	95800.6	-5228.4	3624	11.3	100528.0	-5249.8
3445	9.8	95041.6	-5206.2	3535	10.5	95804.1	-5208.4	3625	10.0	100529.0	-5227.8
3446	10.0	95050.1	-5245.2	3536	10.8	95804.1	-5259.9	3626	9.6	100531.1	-5241.4
3447	10.3	95051.9	-5254.0	3537	10.0	95815.1	-5256.9	3627	9.5	100541.6	-5200.1
3448	10.3	95101.2	-5237.2	3538	9.8	95819.1	-5231.1	3628	11.5	100544.0	-5258.8
3449	9.9	95104.6	-5249.6	3539	10.0	95822.5	-5229.0	3629	8.4	100600.2	-5241.8
3450	8.0	95123.2	-5223.2	3540	9.7	95828.2	-5253.0	3630	11.0	100601.8	-5259.8
3451	10.8	95130.7	-5235.8	3541	9.5	95842.3	-5205.3	3631	9.8	100602.8	-5240.4
3452	10.5	95132.6	-5216.2	3542	10.3	95843.3	-5214.0	3632	10.8	100620.1	-5222.9
3453	8.8	95133.9	-5256.5	3543	12.0	95844.6	-5255.9	3633	9.8	100636.6	-5255.9
3454	10.3	95134.0	-5218.2	3544	11.5	95847.6	-5257.9	3634	10.8	100650.7	-5253.8
3455	9.0	95205.9	-5226.1	3545	11.0	95850.1	-5251.9	3635	10.3	100700.5	-5246.8
3456	10.0	95209.4	-5242.1	3546	10.0	95850.2	-5202.6	3636	11.5	100703.5	-5252.0
3457	9.4	95212.1	-5242.1	3547	10.5	95851.6	-5220.0	3637	10.3	100709.8	-5201.4
3458	10.0	95212.9	-5202.0	3548	8.8	95853.7	-5227.0	3638	10.0	100718.7	-5210.9
3459	10.3	95220.2	-5257.9	3549	11.5	95854.1	-5250.9	3639	10.0	100719.4	-5225.9
3460	9.2	95222.1	-5216.1	3550	10.3	95900.3	-5255.9	3640	9.5	100723.0	-5240.9
3461	10.3	95223.6	-5247.1	3551	12.0	95910.1	-5250.8	3641	9.8	100741.8	-5238.9
3462	10.5	95227.9	-5254.0	3552	11.3	95914.1	-5256.8	3642	10.3	100745.2	-5252.8
3463	9.7	95234.7	-5221.1	3553	10.3	95925.4	-5241.0	3643	10.5	100753.5	-5230.1
3464	10.0	95239.5	-5222.3	3554	8.6	95931.7	-5220.0	3644	10.5	100755.0	-5245.7
3465	6.7	95239.6	-5202.3	3555	9.4	95932.8	-5218.6	3645	9.3	100804.6	-5222.9
3466	11.0	95241.4	-5251.9	3556	10.3	95936.9	-5203.0	3646	9.6	100805.5	-5242.9
3467	10.5	95241.5	-5212.7	3557	10.5	95939.5	-5229.0	3647	9.4	100814.1	-5254.1
3468	10.5	95247.7	-5201.1	3558	11.8	95945.1	-5257.8	3648	8.7	100818.1	-5250.3
3469	10.3	95250.1	-5214.1	3559	10.3	95951.5	-5228.7	3649	10.3	100827.1	-5215.9
3470	9.2	95256.1	-5250.1	3560	9.9	95955.7	-5215.0	3650	9.6	100830.8	-5241.4
3471	10.8	95310.6	-5208.5	3561	9.6	95957.3	-5201.4	3651	9.6	100831.8	-5238.9
3472	9.1	95317.6	-5213.1	3562	10.3	95957.7	-5219.0	3652	9.2	100831.8	-5213.4
3473	8.3	95329.7	-5218.1	3563	10.5	100001.0	-5225.0	3653	10.5	100834.0	-5247.0
3474	10.3	95342.6	-5254.9	3564	10.5	100023.8	-5257.8	3654	9.7	100845.6	-5223.9
3475	9.8	95348.4	-5243.1	3565	9.1	100036.5	-5253.0	3655	10.5	100900.6	-5200.8
3476	9.8	95355.3	-5229.1	3566	10.3	100045.3	-5248.9	3656	7.9	100902.1	-5237.8
3477	12.0	95404.9	-5253.1	3567	10.0	100047.3	-5255.8	3657	9.8	100911.7	-5257.7
3478	10.0	95405.7	-5220.1	3568	9.8	100049.3	-5254.8	3658	10.3	100922.0	-5250.7
3479	11.0	95415.8	-5212.1	3569	9.0	100054.2	-5201.0	3659	9.9	100926.6	-5221.4
3480	10.0	95416.2	-5223.1	3570	9.8	100106.8	-5249.7	3660	9.8	100930.6	-5255.8
3481	9.1	95418.7	-5233.1	3571	10.0	100116.9	-5203.0	3661	9.7	100946.3	-5243.8
3482	9.8	95421.8	-5248.5	3572	10.0	100117.7	-5200.0	3662	9.5	100949.2	-5218.8
3483	10.5	95423.6	-5258.9	3573	10.0	100123.7	-5221.0	3663	9.7	100955.7	-5250.8
3484	9.5	95425.8	-5242.1	3574	9.4	100125.6	-5240.1	3664	9.8	101002.1	-5224.6
3485	10.3	95435.2	-5223.1	3575	9.8	100130.0	-5225.0	3665	10.5	101005.4	-5227.8
3486	10.0	95440.3	-5211.1	3576	10.0	100134.3	-5214.0	3666	9.8	101005.5	-5223.0
3487	9.7	95456.7	-5217.1	3577	9.6	100139.8	-5248.0	3667	9.8	101011.7	-5211.3
3488	11.8	95457.6	-5251.1	3578	11.5	100140.6	-5252.8	3668	10.5	101019.2	-5245.8
3489	9.1	95509.8	-5237.1	3579	8.3	100149.4	-5251.5	3669	9.7	101022.3	-5200.1
3490	10.0	95510.4	-5236.1	3580	9.6	100152.3	-5248.0	3670	8.5	101026.4	-5237.3
3491	9.8	95519.8	-5213.1	3581	10.0	100200.1	-5214.8	3671	10.5	101026.8	-5236.2
3492	9.7	95522.3	-5249.9	3582	10.3	100201.1	-5254.8	3672	10.3	101034.0	-5241.9
3493	9.8	95532.7	-5213.6	3583	9.6	100201.1	-5205.8	3673	10.3	101040.5	-5241.9
3494	10.3	95535.0	-5228.1	3584	11.5	100204.1	-5256.8	3674	9.7	101041.6	-5200.0
3495	9.8	95538.5	-5224.7	3585	8.7	100209.9	-5202.0	3675	9.8	101043.7	-5257.7
3496	10.5	95541.6	-5227.4	3586	9.5	100216.3	-5208.0	3676	10.5	101045.7	-5254.7
3497	9.8	95547.6	-5204.8	3587	10.3	100223.3	-5252.8	3677	10.3	101046.7	-5217.8
3498	10.0	95549.1	-5221.7	3588	9.8	100230.1	-5235.6	3678	10.5	101047.8	-5236.3
3499	9.1	95550.3	-5242.1	3589	8.4	100235.3	-5230.0	3679	10.3	101048.3	-5241.8
3500	11.5	95554.6	-5254.9	3590	10.5	100239.8	-5210.4	3680	10.5	101055.0	-5208.9
3501	11.0	95602.3	-5252.5	3591	9.6	100242.1	-5200.4	3681	7.8	101100.2	-5200.8
3502	11.5	95602.6	-5254.9	3592	11.0	100242.5	-5256.8	3682	7.8	101101.4	-5201.8
3503	9.7	95603.8	-5250.0	3593	10.5	100249.5	-5208.8	3683	10.5	101104.5	-5230.8
3504	11.0	95606.6	-5256.9	3594	9.5	100251.7	-5210.0	3684	10.0	101106.4	-5228.8
3505	10.0	95615.6	-5200.1	3595	7.8	100255.0	-5239.0	3685	10.5	101130.7	-5248.8
3506	9.1	95616.6	-5231.4	3596	10.8	100256.5	-5221.3	3686	10.3	101131.7	-5256.9
3507	10.5	95627.1	-5213.3	3597	10.3	100318.9	-5233.4	3687	9.6	101133.8	-5235.8
3508	11.5	95627.1	-5258.9	3598	9.6	100321.5	-5230.9	3688	10.5	101145.0	-5227.8
3509	11.5	95631.6	-5256.9	3599	10.5	100325.5	-5234.0	3689	10.5	101148.0	-5220.0
3510	9.6	95640.0	-5225.1	3600	10.5	100343.8	-5237.3	3690	9.9	101151.6	-5201.8
3511	8.9	95640.7	-5213.1	3601	9.0	100348.4	-5228.9	3691	9.9	101152.1	-5221.8
3512	11.0	95652.1	-5258.9	3602	8.8	100352.2	-5212.9	3692	10.3	101155.4	-5256.7
3513	10.0	95655.6	-5227.6	3603	9.9	100355.6	-5220.9	3693	10.5	101203.2	-5212.8
3514	10.0	95657.2	-5223.6	3604	9.9	100410.3	-5234.9	3694	10.3	101221.4	-5254.2
3515	9.2	95658.2	-5252.1	3605	9.2	100413.3	-5217.9	3695	10.0	101225.6	-5222.3
3516	11.5	95702.1	-5253.2	3606	9.9	100421.0	-5235.7	3696	9.9	101229.2	-5249.1
3517	12.0	95706.9	-5259.9	3607	9.6	100422.0	-5204.9	3697	10.0	101231.6	-5200.8
3518	6.9	95708.7	-5246.1	3608	9.5	100423.0	-5216.5	3698	10.0	101300.4	-5225.8
3519	9.8	95710.1	-5214.2	3609	9.8	100424.0	-5242.4	3699	10.3	101300.7	-5210.8
3520	11.5	95711.5	-5224.7	3610	10.3	100426.5	-5244.6	3700	9.0	101302.4	-5251.8
3521	10.3	95718.6	-5255.1	3611	10.5	100429.5	-5200.5	3701	9.8	101304.7	-5207.8
3522	10.3	95719.3	-5258.9	3612	10.5	100430.9	-5224.9	3702	9.7	101320.4	-5224.8
3523	8.5	95724.0	-5224.1	3613	10.0	100432.3	-5204.5	3703	8.3	101333.7	-5207.2
3524	10.5	95731.4	-5204.1	3614	10.8	100440.5	-5227.4	3704	10.0	101341.7	-5211.3
3525	10.5	95734.8	-5207.0	3615	11.0	100449.3	-5237.5	3705	10.3	101400.5	-5224.8
3706	9.7	101418.9	-5254.0								
3707	9.8	101422.3	-5257.1								
3708	9.5	101425.0	-5254.8								
3709	11.0	101426.2	-5227.0								
3710	10.3	101437.2	-5204.7								
3711	10.0	101438.7	-5246.2								
3712	9.4	101439.9	-5209.7								
3713	10.0	101452.4	-5234.4								
3714	9.2	101454.6	-5222.7								
3715	10.5	101503.1	-5223.7								
3716	10.0	101509.0	-5252.2								
3717	8.5	101515.2	-5259.6								
3718	9.8	101524.9	-5211.8								
3719	9.8	101529.1	-5213.7								
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3722	9.5	101542.5	-5254.7								
3723	9.0	101555.0	-5216.7								
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3725	10.8	101612.2	-5242.7								
3726	9.8	101615.2	-5259.2								
3727	10.3	101622.0	-5221.7								
3728	9.1	101624.0	-5217.7								
3729	10.5	101638.2	-5240.7								
3730	9.4	101641.1	-5242.3								
3731	9.7	101644.5	-5215.7								
3732	10.5	101656.7	-5201.9								
3733	9.5	101701.9	-5256.8								
3734	10.8	101729.5	-5223.7								
3735	9.6	101729.6	-5201.3								
3736	10.5	101732.6	-5246.7								
3737	10.5	101752.2	-5253.0								
3738	10.5	101755.5	-5247.7								
3739	10.5	101804.2	-5238.7								
3740	9.8	101810.4	-5258.3								
3741	10.3	101820.2	-5250.7								
3742	10.0	101825.3	-5231.7								
3743	9.4	101833.1	-5213.7								
3744	10.5	101833.6	-5207.7								
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3747	9.6	101903.2	-5247.7								
3748	9.8	101909.2	-5240.7								
3749	8.7	101916.9	-5203.0								
3750	9.3	101922.9	-5210.7								
3751	10.5	101926.9	-5255.4								
3752	10.5	101933.2	-5248.7								
3753	10.3	101959.4	-5200.2								
3754	9.6	102009.6	-5255.0								
3755	10.3	102020.8	-5251.4								
3756	9.4	102034.0	-5201.9								
3757	9.8	102049.4	-5232.9								
3758	10.5	102109.5	-5220.6								
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3765	10.3	102136.4	-5257.0								
3766	8.7	102136.6	-5248.2								
3767	9.8	102147.8	-5226.6								
3768	10.5	102153.6	-5213.0								
3769	10.3	102202.1	-5233.6								
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3771	9.7	102213.7	-5238.6								
3772	10.3	102230.0	-5219.0								
3773	10.5	102234.7	-5242.2								
3774	9.1	102235.2	-5229.6								
3775	9.8	102240.6	-5206.3								
3776	9.7	102247.6	-5208.6								
3777	9.6	102312.2	-5202.3								
3778	9.8	102328.1	-5207.1								
3779	10.5	102329.9	-5201.2								
3780	10.5	102337.0	-5254.6								
3781	10.5	102343.4	-5257.5								
3782	9.6	102344.5	-5200.6								
3783	10.8	102345.0	-5223.6								
3784	10.3	102408.4	-5239.0								
3785	10.0	102409.4	-5256.5								
3786	9.9	102410.6	-5210.6								
3787	10.3	102421.6	-5249.6								
3788	9.7	102429.2	-5253.3								
3789	8.9	102429.4	-5243.9								
3790	8.4	102430.8	-5207.6								
3791	10.0	102431.6	-5256.5								
3792	9.7	102438.6	-5209.6								
3793	9.6	102439.8	-5229.6								
3794	11.0	102448.7	-5205.6								
3795	9.8	102451.5	-5214.2								

-52 3796 10h24m

-52 4155 11h00m

3796	9.8	102458.5	-5220.6	3886	11.0	103310.4	-5250.2	3976	9.0	104134.8	-5236.9
3797	10.3	102459.4	-5209.4	3887	10.3	103312.5	-5223.4	3977	11.0	104143.0	-5251.3
3798	10.5	102503.3	-5228.6	3888	10.0	103317.6	-5214.3	3978	10.3	104151.6	-5243.6
3799	8.1	102510.0	-5242.6	3889	11.0	103319.7	-5208.9	3979	10.8	104205.8	-5254.6
3800	8.6	102514.2	-5208.6	3890	9.2	103328.5	-5241.9	3980	8.6	104207.5	-5227.9
3801	9.5	102536.2	-5227.0	3891	7.7	103337.8	-5206.9	3981	10.5	104209.1	-5208.6
3802	10.5	102536.7	-5238.6	3892	9.8	103338.4	-5249.2	3982	11.0	104215.6	-5235.8
3803	10.5	102543.5	-5213.5	3893	10.8	103342.9	-5255.6	3983	11.0	104221.2	-5241.3
3804	9.7	102554.6	-5205.5	3894	9.4	103345.0	-5248.9	3984	10.0	104224.8	-5236.9
3805	9.5	102557.4	-5202.5	3895	10.8	103345.4	-5245.4	3985	10.0	104226.8	-5235.9
3806	10.3	102606.0	-5249.5	3896	8.1	103348.3	-5256.8	3986	9.6	104247.0	-5226.2
3807	9.5	102609.7	-5236.5	3897	10.5	103358.4	-5226.2	3987	10.3	104257.4	-5210.9
3808	10.0	102610.6	-5255.5	3898	10.8	103401.4	-5208.6	3988	9.6	104301.7	-5219.9
3809	10.3	102610.8	-5232.5	3899	10.8	103417.1	-5216.9	3989	10.8	104302.6	-5226.7
3810	11.0	102624.3	-5209.5	3900	9.3	103427.4	-5249.6	3990	9.5	104313.8	-5237.4
3811	9.7	102631.9	-5218.5	3901	10.5	103427.6	-5216.9	3991	9.7	104313.9	-5211.2
3812	10.5	102637.3	-5233.5	3902	10.5	103428.9	-5206.0	3992	9.0	104330.2	-5239.9
3813	10.5	102639.1	-5258.0	3903	10.0	103438.5	-5248.9	3993	9.7	104334.0	-5255.8
3814	10.5	102640.2	-5234.5	3904	10.5	103449.3	-5205.9	3994	9.6	104338.5	-5206.9
3815	9.6	102641.5	-5220.5	3905	9.3	103450.3	-5245.9	3995	10.3	104342.8	-5234.9
3816	9.5	102703.5	-5216.5	3906	9.7	103450.7	-5237.9	3996	10.3	104354.6	-5245.4
3817	10.3	102703.9	-5258.5	3907	10.5	103451.4	-5208.7	3997	9.9	104413.9	-5256.6
3818	9.6	102712.7	-5236.5	3908	9.1	103452.9	-5248.9	3998	8.8	104420.0	-5208.4
3819	9.9	102721.6	-5213.5	3909	9.7	103505.2	-5202.9	3999	10.8	104429.9	-5207.9
3820	8.6	102721.9	-5203.5	3910	10.8	103513.4	-5217.8	4000	9.8	104430.6	-5257.6
3821	10.8	102737.1	-5249.5	3911	11.0	103522.4	-5247.2	4001	10.3	104433.2	-5250.8
3822	10.5	102737.4	-5201.5	3912	9.3	103535.2	-5243.9	4002	10.8	104435.7	-5240.9
3823	10.5	102739.3	-5225.5	3913	8.2	103543.4	-5242.9	4003	9.9	104442.2	-5225.9
3824	8.4	102742.6	-5229.5	3914	9.0	103544.9	-5236.9	4004	10.8	104458.0	-5217.9
3825	9.8	102749.2	-5202.2	3915	9.8	103546.0	-5220.9	4005	10.5	104506.1	-5210.3
3826	10.0	102758.6	-5206.5	3916	11.0	103559.6	-5213.0	4006	9.5	104508.2	-5252.8
3827	9.7	102801.6	-5211.0	3917	11.0	103603.0	-5202.9	4007	11.0	104515.5	-5216.4
3828	9.8	102806.6	-5212.1	3918	9.8	103603.0	-5254.1	4008	9.6	104519.4	-5233.9
3829	8.8	102807.3	-5219.5	3919	9.5	103609.8	-5258.4	4009	10.0	104535.3	-5231.2
3830	9.8	102809.2	-5237.5	3920	10.3	103610.0	-5208.9	4010	10.5	104535.9	-5250.8
3831	8.6	102811.4	-5238.5	3921	8.3	103614.8	-5248.6	4011	10.8	104536.0	-5232.0
3832	9.8	102811.6	-5212.5	3922	9.8	103623.4	-5248.4	4012	10.3	104549.4	-5204.9
3833	9.6	102831.7	-5234.5	3923	11.3	103627.6	-5206.4	4013	9.6	104550.9	-5208.9
3834	9.3	102838.0	-5253.8	3924	11.3	103630.1	-5239.9	4014	9.6	104556.1	-5240.9
3835	9.2	102838.1	-5250.0	3925	11.0	103630.6	-5245.6	4015	9.8	104559.8	-5254.6
3836	9.4	102838.4	-5232.5	3926	9.7	103636.4	-5235.9	4016	9.7	104600.2	-5236.9
3837	9.0	102851.3	-5238.5	3927	11.0	103639.2	-5224.3	4017	10.5	104608.3	-5230.9
3838	9.9	102855.7	-5239.5	3928	10.0	103643.5	-5224.9	4018	9.6	104622.8	-5233.9
3839	9.1	102855.7	-5234.0	3929	10.3	103653.3	-5234.4	4019	9.6	104624.6	-5240.9
3840	10.5	102856.1	-5247.9	3930	10.8	103659.1	-5219.3	4020	9.9	104640.0	-5246.9
3841	9.6	102857.9	-5235.5	3931	8.8	103702.8	-5251.5	4021	10.3	104648.0	-5244.9
3842	9.7	102912.9	-5224.2	3932	11.8	103709.2	-5232.4	4022	10.0	104649.1	-5220.4
3843	9.7	102913.9	-5258.5	3933	9.8	103709.6	-5253.2	4023	9.6	104649.1	-5220.9
3844	9.9	102919.0	-5222.5	3934	9.2	103711.4	-5218.9	4024	11.3	104650.2	-5217.9
3845	9.3	102919.5	-5226.5	3935	10.8	103729.6	-5213.0	4025	10.3	104651.0	-5245.0
3846	9.0	102920.0	-5228.5	3936	9.1	103757.6	-5213.4	4026	10.8	104651.2	-5250.3
3847	9.8	102925.4	-5231.2	3937	10.8	103759.1	-5248.9	4027	10.5	104707.0	-5233.4
3848	10.5	102932.8	-5224.5	3938	10.5	103801.6	-5215.2	4028	10.0	104710.3	-5210.9
3849	10.5	102937.2	-5241.5	3939	9.6	103802.2	-5208.9	4029	10.0	104710.4	-5208.9
3850	9.5	102946.5	-5246.5	3940	10.5	103806.6	-5246.6	4030	11.0	104710.5	-5222.9
3851	9.6	102948.3	-5233.5	3941	10.3	103811.8	-5257.4	4031	10.8	104730.5	-5248.8
3852	9.1	102956.1	-5208.5	3942	11.0	103821.1	-5205.9	4032	10.3	104735.0	-5246.9
3853	10.5	103004.0	-5216.5	3943	11.0	103829.2	-5251.2	4033	10.5	104740.8	-5257.6
3854	10.0	103004.5	-5258.5	3944	11.0	103830.0	-5222.9	4034	10.0	104748.8	-5254.6
3855	10.0	103011.8	-5256.5	3945	10.5	103849.6	-5226.0	4035	10.8	104750.1	-5242.9
3856	9.0	103015.5	-5248.5	3946	11.0	103856.5	-5225.9	4036	9.7	104755.2	-5213.9
3857	11.0	103020.1	-5249.5	3947	11.5	103857.5	-5205.9	4037	11.0	104759.0	-5229.9
3858	10.3	103027.8	-5232.5	3948	11.0	103900.1	-5202.9	4038	10.8	104802.0	-5227.9
3859	9.8	103040.0	-5255.5	3949	8.9	103900.3	-5226.9	4039	11.0	104808.1	-5221.9
3860	9.7	103043.0	-5222.5	3950	8.7	103905.2	-5222.9	4040	10.5	104815.3	-5259.6
3861	9.6	103053.5	-5223.5	3951	11.0	103913.1	-5220.6	4041	10.8	104819.1	-5242.9
3862	9.3	103100.8	-5219.1	3952	11.0	103930.4	-5211.7	4042	11.3	104821.8	-5231.2
3863	9.7	103112.4	-5259.4	3953	11.0	103931.6	-5244.0	4043	11.0	104849.5	-5223.1
3864	10.0	103128.6	-5246.8	3954	10.0	103935.9	-5230.9	4044	10.5	104913.8	-5233.9
3865	9.7	103134.1	-5235.2	3955	10.8	103937.6	-5209.0	4045	11.3	104920.3	-5200.9
3866	10.3	103140.1	-5201.2	3956	10.8	103944.2	-5223.9	4046	9.6	104922.4	-5254.5
3867	10.3	103143.4	-5222.8	3957	10.5	103945.3	-5237.9	4047	9.7	104923.5	-5259.6
3868	10.5	103144.3	-5229.6	3958	10.5	103949.5	-5204.9	4048	9.8	104937.9	-5252.0
3869	11.3	103152.4	-5224.5	3959	10.8	103954.1	-5207.9	4049	9.4	104938.5	-5240.0
3870	12.0	103152.9	-5235.5	3960	9.7	104000.8	-5224.2	4050	10.5	104941.8	-5250.6
3871	11.5	103153.4	-5227.6	3961	10.8	104005.3	-5235.9	4051	9.5	104945.2	-5234.9
3872	9.4	103204.3	-5227.6	3962	11.5	104012.2	-5246.9	4052	10.8	104947.0	-5200.5
3873	10.5	103204.8	-5248.8	3963	11.3	104026.6	-5250.9	4053	11.0	104949.5	-5226.6
3874	10.5	103217.4	-5201.5	3964	11.3	104030.6	-5247.9	4054	11.5	105001.0	-5219.9
3875	9.7	103218.9	-5203.5	3965	7.8	104033.6	-5258.3	4055	9.4	105001.8	-5233.9
3876	8.9	103219.0	-5258.4	3966	11.5	104037.1	-5241.6	4056	9.8	105015.1	-5256.9
3877	10.3	103225.6	-5214.9	3967	9.5	104038.2	-5223.9	4057	10.8	105016.5	-5245.8
3878	10.3	103226.8	-5255.0	3968	10.8	104042.5	-5206.9	4058	10.8	105039.7	-5216.8
3879	10.5	103232.5	-5222.9	3969	10.0	104047.8	-5250.1	4059	11.0	105040.9	-5252.7
3880	10.8	103245.8	-5200.9	3970	10.5	104055.9	-5254.4	4060	10.5	105107.3	-5230.8
3881	11.0	103248.9	-5245.9	3971	10.8	104059.0	-5239.4	4061	11.0	105110.5	-5244.8
3882	11.5	103254.9	-5238.6	3972	9.8	104121.5	-5253.9	4062	10.5	105112.6	-5240.8
3883	10.8	103304.1	-5234.9	3973	9.5	104126.0	-5257.8	4063	10.0	105118.4	-5249.9
3884	11.0	103304.4	-5248.8	3974	8.8	104127.3	-5235.9	4064	9.5	105132.3	-5232.8
3885	9.9	103306.9	-5243.9	3975	9.6	104130.9	-5210.7	4065	10.5	105133.3	-5212.8
4066	9.0	105151.6	-5222.8								
4067	11.0	105153.5	-5241.1								
4068	10.5	105155.7	-5225.8								
4069	10.3	105156.7	-5258.5								
4070	11.0	105159.9	-5226.8								
4071	11.3	105205.5	-5209.8								
4072	9.4	105210.4	-5247.6								
4073	11.0	105220.5	-5212.4								
4074	7.5	105222.8	-5200.8								
4075	10.8	105230.6	-5215.7								
4076	10.3	105233.5	-5203.3								
4077	11.0	105237.7	-5238.8								
4078	10.8	105240.2	-5236.8								
4079	9.6	105242.5	-5221.4								
4080	9.5	105244.2	-5217.8								
4081	9.4	105302.3	-5213.8								
4082	10.3	105308.8	-5213.3								
4083	9.6	105327.7	-5259.2								
4084	10.0	105333.3	-5207.8								
4085	7.4	105342.4	-5252.2								
4086	10.8	105345.5	-5223.6								
4087	10.5	105348.9	-5251.4								
4088	9.8	105400.4	-5206.8								
4089	9.5	105400.5	-5211.3								
4090	9.3	105401.6	-5219.8								
4091	10.5	105403.0	-5211.7								
4092	10.3	105420.7	-5238.8								
4093	10.0	105423.0	-5206.3								
4094	9.7	105426.0	-5203.8								
4095	10.8	105429.0	-5232.0								
4096	10.0	105430.1	-5222.8								
4097	10.3	105441.2	-5236.8								
4098	11.0	105454.9	-5202.8								
4099	9.7	105458.1	-5204.8								
4100	9.6	105508.0	-5230.8								
4101	6.9	105511.1	-5226.8								
4102	8.7	105515.2	-5254.3								
4103	10.5	105515.2	-5202.2								
4104	9.6	105528.0	-5229.8								
4105	10.5	105537.5	-5220.8								
4106	8.6	105543.8	-5252.6								
4107	9.9	105545.6	-5201.8								
4108	11.0	105549.2	-5252.2								
4109	10.3	105552.0	-5256.9								
4110	10.5	105553.4	-5200.8								
4111	10.5	105601.5	-5259.5								
4112	10.3	105625.4	-5202.8								
4113	11.5	105628.6	-5225.8								
4114	11.0	105630.9	-5215.8								
4115	10.3	105631.5	-5256.5								
4116	10.8	105632.6	-5218.8								
4117	11.0	105636.1	-5206.8								
4118	11.0	105640.5	-5229.8								
4119	10.8	105641.6	-5254.6								
4120	11.0	105704.0	-5209.8								
4121	9.7	105710.7	-5202.8								
4122	10.5	105720.2	-5248.3								
4123	11.0	105722.1	-5204.8								
4124	9.9	105725.4	-5234.8								
4125	11.0	105738.0	-5255.9								
4126	10.8	105741.0	-5253.5								
4127	11.3	105744.6	-5248.4								
4128	11.0	105750.7	-5250.8								
4129	11.3	105756.1	-5252.1								
4130	10.8	105756.7	-5231.2								
4131	9.8	105810.0	-5254.5								
4132	11.5	105811.0	-5232.8								
4133	11.0	105811.1	-5208.8								
4134	10.8	105823.4	-5201.2								
4135	10.8	105847.9	-5226.8								
4136	10.5	105853.4	-5217.8								
4137	11.0	105854.2	-5222.1								
4138	9.7	105856.4	-5238.8								
4139	7.6	105900.5	-5226.3								
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4141	10.5	105909.2	-5245.4								
4142	10.5	105910.4	-5228.8								
4143	9.8	105923.3	-5221.8								
4144	9.5	105932.9	-5201.8								
4145	9.3	105938.0	-5232.4								
4146	8.6	105939.0	-5211.8								
4147	10.0	105943.7	-5228.0								
4148	10.3	105957.5	-5227.4								
4149	9.3	110001.6	-5206.8								
4150	11.3	110020.1	-5251.4								
4151	9.7	110022.9	-5217.3								
4152	10.3	110028.1	-5207.8								
4153	10.3	110028.3	-5255.4								
4154	10.3	110032.6	-5228.8								
4155	10.3	110039.0	-5233.8								

-52 4156 11h00m

-52 4515 11h28m

4156 10.5 110039.6 -5227.8	4246 11.0 111013.8 -5213.7	4336 9.5 111627.0 -5239.7	4426 10.5 112228.9 -5213.7
4157 8.8 110049.6 -5255.6	4247 10.8 111016.2 -5249.5	4337 10.8 111629.6 -5237.7	4427 10.0 112235.2 -5224.7
4158 9.8 110054.0 -5240.8	4248 10.5 111026.9 -5212.7	4338 11.0 111638.5 -5250.7	4428 9.4 112241.8 -5228.7
4159 10.0 110058.3 -5239.8	4249 10.3 111027.8 -5215.7	4339 10.8 111639.7 -5227.7	4429 9.7 112243.6 -5235.7
4160 7.7 110059.9 -5235.8	4250 8.8 111034.7 -5210.2	4340 6.7 111646.9 -5240.7	4430 9.6 112246.5 -5246.7
4161 7.5 110111.4 -5216.8	4251 10.5 111050.6 -5252.4	4341 11.0 111649.7 -5227.7	4431 9.5 112248.6 -5242.7
4162 9.7 110112.6 -5225.4	4252 11.0 111058.9 -5207.7	4342 10.3 111700.5 -5209.7	4432 10.5 112309.3 -5207.7
4163 9.1 110113.9 -5258.4	4253 10.5 111110.3 -5221.7	4343 10.5 111700.6 -5238.7	4433 9.1 112317.0 -5239.7
4164 8.8 110118.9 -5237.8	4254 9.2 111110.8 -5249.5	4344 10.5 111702.7 -5231.7	4434 9.7 112322.9 -5223.7
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-52 4876 12h04m

-52 5235 12h38m

4876 10.5 120427.9 -5233.2	4966 10.8 121156.6 -5230.8	5056 11.0 122038.6 -5256.9	5146 8.8 123052.2 -5250.6
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4961 10.0 121142.6 -5251.0	5051 9.9 121959.8 -5248.6	5141 10.3 123016.4 -5254.2	5231 10.8 123813.9 -5258.1
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4963 9.8 121143.1 -5242.5	5053 7.4 122014.0 -5200.5	5143 10.5 123028.4 -5241.3	5233 9.6 123817.1 -5218.0
4964 10.8 121152.6 -5229.1	5054 10.5 122017.9 -5202.1	5144 10.5 123030.7 -5208.3	5234 10.3 123819.5 -5240.4
4965 10.5 121156.1 -5253.4	5055 10.8 122036.4 -5241.1	5145 11.0 123039.0 -5243.3	5235 10.8 123822.5 -5219.4

C-2

-52 5236 12h38m

-52 5595 13h15m

5236 10.8 123839.6 -5238.4	5326 11.0 124634.6 -5234.5	5416 8.0 125652.5 -5213.6	5506 11.0 130732.9 -5205.8
5237 10.5 123840.1 -5240.4	5327 10.0 124637.9 -5240.5	5417 8.6 125655.5 -5243.6	5507 10.3 130741.6 -5231.2
5238 10.0 123840.7 -5246.4	5328 8.6 124650.2 -5203.5	5418 10.5 125711.3 -5206.6	5508 11.0 130742.0 -5219.8
5239 11.0 123840.8 -5221.4	5329 11.0 124652.1 -5204.4	5419 10.8 125721.1 -5246.6	5509 11.3 130744.0 -5239.8
5240 10.8 123845.9 -5217.4	5330 11.0 124654.6 -5254.7	5420 8.6 125721.8 -5229.0	5510 11.0 130747.1 -5225.8
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5242 9.3 123849.3 -5204.4	5332 9.9 124659.8 -5254.0	5422 10.8 125751.8 -5213.6	5512 10.8 130800.3 -5209.8
5243 10.3 123850.4 -5200.9	5333 11.0 124703.4 -5201.5	5423 10.5 125752.8 -5218.6	5513 10.3 130811.3 -5242.8
5244 9.0 123850.4 -5256.0	5334 11.0 124709.1 -5207.5	5424 9.0 125810.4 -5226.6	5514 11.0 130816.7 -5209.4
5245 10.3 123904.7 -5244.9	5335 11.0 124719.3 -5202.5	5425 10.5 125821.4 -5221.2	5515 9.6 130817.2 -5200.1
5246 11.0 123906.6 -5232.5	5336 9.9 124725.4 -5244.5	5426 8.7 125823.8 -5231.6	5516 9.9 130828.7 -5234.8
5247 9.5 123913.5 -5243.5	5337 10.8 124730.2 -5239.5	5427 10.5 125826.4 -5209.6	5517 9.5 130840.9 -5206.8
5248 11.0 123923.4 -5215.5	5338 11.0 124732.0 -5223.5	5428 9.6 125829.1 -5215.6	5518 11.0 130845.2 -5247.4
5249 10.8 123932.1 -5248.5	5339 10.0 124750.7 -5207.5	5429 11.0 125829.7 -5255.8	5519 11.3 130849.0 -5231.8
5250 9.1 123934.5 -5256.0	5340 9.6 124758.9 -5244.5	5430 10.5 125836.8 -5252.8	5520 10.5 130907.2 -5250.8
5251 10.8 123941.0 -5239.5	5341 10.0 124805.0 -5236.5	5431 9.3 125856.7 -5232.7	5521 9.4 130910.9 -5203.8
5252 10.5 123943.0 -5236.5	5342 10.8 124808.0 -5252.0	5432 10.5 125900.8 -5219.7	5522 11.0 130917.8 -5221.8
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5258 8.4 124020.9 -5223.5	5348 10.0 124829.6 -5247.5	5438 11.5 125946.7 -5255.8	5528 11.5 130941.6 -5238.8
5259 9.5 124026.9 -5226.5	5349 10.5 124832.1 -5223.5	5439 11.3 125949.3 -5242.7	5529 11.0 130942.9 -5255.8
5260 10.8 124036.8 -5220.5	5350 8.1 124841.6 -5225.5	5440 10.0 125951.5 -5244.7	5530 9.5 130948.4 -5242.6
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5263 9.1 124042.4 -5237.5	5353 10.8 124858.6 -5212.6	5443 11.0 130002.0 -5255.0	5533 11.0 131007.2 -5242.8
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5284 10.3 124213.0 -5257.0	5374 10.3 125204.8 -5242.6	5464 11.3 130155.8 -5253.9	5554 11.3 131151.8 -5255.1
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5286 7.3 124233.0 -5241.5	5376 10.0 125214.3 -5244.6	5466 10.3 130222.4 -5222.5	5556 10.5 131208.8 -5256.8
5287 10.8 124235.7 -5213.5	5377 10.3 125217.2 -5230.6	5467 9.3 130229.2 -5238.7	5557 10.5 131213.7 -5218.4
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5292 9.5 124307.5 -5243.5	5382 11.3 125249.0 -5258.8	5472 9.0 130253.8 -5205.4	5562 10.5 131233.6 -5229.8
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5295 8.7 124325.0 -5255.2	5385 11.5 125322.1 -5240.6	5475 9.5 130321.8 -5223.7	5565 11.0 131256.4 -5257.8
5296 10.8 124325.3 -5247.5	5386 11.0 125328.3 -5201.6	5476 7.1 130323.0 -5214.7	5566 9.1 131258.6 -5220.8
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5299 9.5 124336.0 -5231.5	5389 11.3 125337.1 -5230.6	5479 9.6 130349.8 -5202.9	5569 10.5 131316.5 -5220.8
5300 6.6 124350.1 -5206.5	5390 7.7 125346.6 -5228.2	5480 10.8 130354.5 -5241.4	5570 10.5 131319.2 -5218.8
5301 11.0 124350.1 -5229.5	5391 11.0 125350.4 -5226.6	5481 10.5 130401.5 -5222.7	5571 9.6 131330.8 -5213.6
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5310 11.0 124442.2 -5222.5	5400 11.0 125450.7 -5202.1	5490 10.5 130451.5 -5233.4	5580 11.3 131422.8 -5215.8
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5312 10.0 124457.7 -5230.5	5402 11.5 125519.6 -5242.6	5492 10.5 130500.3 -5231.4	5582 11.0 131436.8 -5216.6
5313 11.0 124500.2 -5238.5	5403 11.0 125525.9 -5216.6	5493 9.3 130501.4 -5242.0	5583 9.7 131444.0 -5245.4
5314 9.1 124504.5 -5201.5	5404 10.5 125529.4 -5230.6	5494 11.5 130502.8 -5207.7	5584 11.3 131448.8 -5248.5
5315 10.5 124511.7 -5249.5	5405 10.3 125538.5 -5255.7	5495 9.5 130506.9 -5220.7	5585 10.3 131449.6 -5242.8
5316 9.3 124519.8 -5210.5	5406 9.9 125542.1 -5236.6	5496 10.0 130510.4 -5226.4	5586 10.3 131453.4 -5234.5
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5318 11.0 124521.2 -5236.5	5408 11.0 125559.6 -5217.6	5498 11.5 130557.6 -5201.7	5588 10.8 131512.1 -5240.4
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5321 10.0 124600.7 -5248.5	5411 10.0 125604.7 -5232.6	5501 11.0 130649.0 -5237.8	5591 10.5 131542.7 -5200.1
5322 7.6 124601.7 -5232.5	5412 11.5 125611.1 -5254.6	5502 10.0 130651.5 -5228.8	5592 11.0 131548.8 -5231.5
5323 11.3 124607.9 -5257.8	5413 11.0 125622.7 -5235.6	5503 10.5 130655.7 -5247.4	5593 10.3 131552.0 -5200.5
5324 11.0 124627.4 -5207.5	5414 11.3 125639.5 -5254.8	5504 9.9 130706.7 -5246.8	5594 11.0 131553.5 -5227.8
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-52 5596 13h16m

-52 5955 13h56m

5596 11.3 131620.3 -5202.8	5686 10.3 132605.7 -5232.5	5776 9.8 133630.3 -5254.1	5866 10.8 134751.8 -5242.1
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5606 11.0 131741.7 -5255.9	5696 11.0 132731.9 -5239.6	5786 10.3 133712.2 -5219.8	5876 11.0 134841.5 -5249.6
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5608 10.5 131757.0 -5204.6	5698 9.3 132806.7 -5234.6	5788 10.0 133715.0 -5200.1	5878 10.8 134857.6 -5247.1
5609 11.0 131800.8 -5259.5	5699 9.8 132817.6 -5200.2	5789 8.9 133721.7 -5243.6	5879 9.7 134908.0 -5218.4
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5618 11.3 131854.3 -5210.3	5708 11.0 132859.5 -5250.8	5798 8.6 133917.0 -5243.8	5888 9.3 134951.4 -5236.0
5619 10.3 131903.3 -5232.5	5709 8.7 132900.5 -5200.2	5799 10.8 133917.5 -5228.8	5889 8.1 134954.1 -5202.8
5620 9.7 131907.2 -5239.6	5710 10.5 132916.0 -5255.7	5800 11.8 133938.7 -5259.7	5890 10.0 134956.7 -5220.0
5621 9.1 131907.3 -5248.9	5711 10.8 132934.0 -5200.6	5801 10.5 133938.9 -5239.6	5891 11.5 135003.4 -5256.1
5622 8.9 131908.0 -5208.5	5712 11.0 132941.3 -5249.2	5802 11.0 133940.2 -5226.9	5892 9.9 135025.4 -5251.2
5623 10.0 131908.9 -5212.3	5713 9.7 132943.0 -5209.8	5803 11.0 133941.4 -5240.9	5893 10.5 135031.4 -5240.1
5624 11.5 131919.5 -5224.6	5714 10.3 132943.9 -5219.4	5804 10.5 133956.5 -5234.9	5894 10.3 135033.2 -5221.3
5625 10.5 131931.5 -5218.3	5715 10.5 132951.5 -5209.6	5805 11.0 134014.2 -5213.9	5895 9.0 135035.4 -5213.0
5626 10.3 131937.8 -5231.3	5716 10.3 133004.4 -5221.6	5806 10.8 134028.3 -5247.4	5896 10.5 135039.9 -5245.2
5627 9.8 131945.1 -5209.4	5717 9.5 133004.5 -5209.6	5807 10.5 134029.8 -5242.9	5897 10.8 135046.2 -5235.2
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-52 6676 15h20m

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-52 7035 15h41m

-52 7036 15h41m

-52 7395 16h11m

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7485 10.3 161755.8 -5206.8	7575 11.0 162515.1 -5259.7	7665 11.3 163238.1 -5232.3	7755 9.5 163959.5 -5249.7

-52 7755 16h39m

-52 7756 16h40m

-52 8115 17h13m

7756	11.0	164004.4	-5210.7	7846	8.9	164752.3	-5224.0	7936	8.3	165611.1	-5221.3
7757	11.3	164006.0	-5232.7	7847	11.0	164756.2	-5230.0	7937	11.0	165617.6	-5216.3
7758	9.8	164013.3	-5224.7	7848	11.0	164757.8	-5233.0	7938	10.8	165618.9	-5202.0
7759	9.8	164019.0	-5258.4	7849	10.8	164800.8	-5251.0	7939	8.3	165621.4	-5218.3
7760	11.0	164021.1	-5219.7	7850	11.0	164811.6	-5207.0	7940	8.9	165628.3	-5203.3
7761	9.6	164022.9	-5257.2	7851	10.3	164813.5	-5209.0	7941	9.9	165633.0	-5249.3
7762	10.0	164030.0	-5247.7	7852	9.3	164817.3	-5237.1	7942	11.0	165633.9	-5240.3
7763	9.5	164037.9	-5209.7	7853	10.3	164820.3	-5240.1	7943	11.0	165636.9	-5231.3
7764	11.5	164039.7	-5216.7	7854	9.9	164821.2	-5236.1	7944	9.4	165640.6	-5255.6
7765	10.8	164042.6	-5240.7	7855	10.0	164823.0	-5210.1	7945	9.1	165641.9	-5224.3
7766	11.3	164054.0	-5229.7	7856	10.3	164825.8	-5239.1	7946	11.3	165657.1	-5214.3
7767	11.0	164054.5	-5235.7	7857	9.6	164837.9	-5254.2	7947	10.5	165704.4	-5259.8
7768	11.3	164114.6	-5209.7	7858	9.5	164847.3	-5244.1	7948	11.3	165706.5	-5226.3
7769	11.5	164119.9	-5225.7	7859	8.6	164850.2	-5250.2	7949	9.0	165719.7	-5256.0
7770	10.8	164124.3	-5205.7	7860	9.0	164851.2	-5232.1	7950	8.6	165722.2	-5255.0
7771	9.8	164126.0	-5200.7	7861	9.0	164901.6	-5247.1	7951	10.5	165722.3	-5230.3
7772	9.6	164129.2	-5249.7	7862	10.5	164907.0	-5245.1	7952	11.0	165723.9	-5254.8
7773	9.6	164130.0	-5257.0	7863	11.0	164907.1	-5206.1	7953	10.3	165724.9	-5210.5
7774	11.5	164132.7	-5229.7	7864	8.1	164914.2	-5250.1	7954	10.0	165731.9	-5231.4
7775	9.9	164154.3	-5207.8	7865	9.9	164916.1	-5257.4	7955	10.3	165733.0	-5217.4
7776	9.7	164201.4	-5210.8	7866	11.0	164918.2	-5206.1	7956	9.8	165736.6	-5218.4
7777	9.7	164215.6	-5213.8	7867	9.7	164925.2	-5219.1	7957	10.0	165738.3	-5212.4
7778	10.0	164218.5	-5247.8	7868	9.2	164925.4	-5254.8	7958	9.6	165741.0	-5252.5
7779	9.0	164233.8	-5246.8	7869	10.0	164927.2	-5218.1	7959	10.0	165744.8	-5237.4
7780	10.5	164237.6	-5249.8	7870	9.7	164928.4	-5207.1	7960	10.0	165802.2	-5207.4
7781	9.8	164239.9	-5241.8	7871	10.0	164937.3	-5235.1	7961	11.3	165805.3	-5229.4
7782	10.5	164244.0	-5253.2	7872	4.0	164938.5	-5257.8	7962	11.3	165807.8	-5228.4
7783	10.8	164244.7	-5244.8	7873	11.0	164957.1	-5229.1	7963	9.5	165813.8	-5207.4
7784	11.0	164252.8	-5239.8	7874	11.3	164957.4	-5237.1	7964	11.3	165821.2	-5224.4
7785	11.0	164257.1	-5240.8	7875	11.3	165000.4	-5234.1	7965	11.3	165823.7	-5234.4
7786	9.7	164259.7	-5230.8	7876	8.9	165005.7	-5243.1	7966	11.3	165829.4	-5242.4
7787	9.3	164301.0	-5244.8	7877	11.5	165026.8	-5250.2	7967	11.3	165831.9	-5218.4
7788	9.7	164313.7	-5224.8	7878	9.3	165029.2	-5257.8	7968	10.0	165833.6	-5215.4
7789	10.8	164316.7	-5209.8	7879	9.2	165031.8	-5255.7	7969	10.3	165842.6	-5254.1
7790	10.0	164319.2	-5225.8	7880	9.6	165036.8	-5224.2	7970	11.5	165852.4	-5253.4
7791	10.5	164324.5	-5215.9	7881	8.5	165037.5	-5204.2	7971	11.5	165857.7	-5218.4
7792	9.8	164325.7	-5209.8	7882	8.5	165042.1	-5227.2	7972	11.0	165901.8	-5203.4
7793	9.3	164337.0	-5224.8	7883	10.0	165102.5	-5257.3	7973	10.0	165903.9	-5255.9
7794	9.9	164345.0	-5240.8	7884	11.0	165108.8	-5234.2	7974	9.3	165904.0	-5214.4
7795	8.8	164351.6	-5232.8	7885	9.3	165113.1	-5247.2	7975	11.3	165936.0	-5250.4
7796	9.8	164352.3	-5243.8	7886	11.0	165117.7	-5210.2	7976	11.0	165940.0	-5220.4
7797	10.8	164357.1	-5233.8	7887	9.6	165121.9	-5206.2	7977	10.0	165943.1	-5248.4
7798	10.3	164400.0	-5205.8	7888	9.6	165125.7	-5230.2	7978	9.4	165947.4	-5214.4
7799	11.5	164416.4	-5207.8	7889	11.3	165134.6	-5234.2	7979	9.5	165951.5	-5229.4
7800	10.0	164421.2	-5211.8	7890	11.0	165139.0	-5216.2	7980	11.3	165952.8	-5231.4
7801	10.8	164424.2	-5253.0	7891	11.0	165143.8	-5211.2	7981	9.8	165953.8	-5225.4
7802	10.5	164430.5	-5214.9	7892	10.8	165144.9	-5219.3	7982	11.0	165954.9	-5216.7
7803	9.8	164436.0	-5210.9	7893	10.8	165145.9	-5222.2	7983	11.0	170013.9	-5210.4
7804	9.6	164438.7	-5207.9	7894	11.0	165147.5	-5206.2	7984	9.6	170017.7	-5210.4
7805	10.5	164444.6	-5207.9	7895	10.8	165158.1	-5210.2	7985	10.0	170019.0	-5246.4
7806	10.5	164453.4	-5247.9	7896	11.0	165200.3	-5204.2	7986	11.5	170019.4	-5213.8
7807	10.5	164500.0	-5245.9	7897	11.0	165210.7	-5228.2	7987	9.9	170019.7	-5245.4
7808	10.5	164502.9	-5255.3	7898	11.3	165218.7	-5239.2	7988	10.8	170051.9	-5218.4
7809	8.3	164505.5	-5205.9	7899	10.5	165221.3	-5238.2	7989	10.3	170106.4	-5221.4
7810	10.5	164510.5	-5204.9	7900	11.3	165232.6	-5214.3	7990	10.8	170111.3	-5251.4
7811	10.5	164511.0	-5201.9	7901	10.8	165236.8	-5215.3	7991	10.5	170128.8	-5224.4
7812	10.5	164522.5	-5217.9	7902	11.3	165247.4	-5215.3	7992	8.6	170130.7	-5218.4
7813	11.0	164534.0	-5206.9	7903	11.0	165251.2	-5203.3	7993	9.5	170139.4	-5235.4
7814	8.3	164536.9	-5226.9	7904	11.5	165253.8	-5205.3	7994	10.8	170142.9	-5208.4
7815	11.0	164536.9	-5227.9	7905	10.8	165256.3	-5213.3	7995	11.0	170159.8	-5210.4
7816	9.5	164540.9	-5258.3	7906	9.6	165318.7	-5259.0	7996	11.0	170204.4	-5212.4
7817	10.5	164546.8	-5237.9	7907	10.5	165326.9	-5257.6	7997	10.5	170207.0	-5218.4
7818	10.8	164550.0	-5203.9	7908	10.8	165327.3	-5212.3	7998	10.8	170214.8	-5214.4
7819	11.0	164555.2	-5246.9	7909	10.5	165328.2	-5259.8	7999	8.3	170220.3	-5208.4
7820	11.0	164559.7	-5214.9	7910	9.3	165328.4	-5208.3	8000	8.3	170223.8	-5235.4
7821	10.5	164606.6	-5215.9	7911	9.8	165331.4	-5226.3	8001	11.0	170232.9	-5254.4
7822	10.5	164606.8	-5220.9	7912	9.5	165339.3	-5228.3	8002	10.8	170233.4	-5253.4
7823	9.7	164610.4	-5232.9	7913	9.1	165402.6	-5206.3	8003	11.0	170235.9	-5226.4
7824	10.3	164613.0	-5255.3	7914	11.3	165407.7	-5206.3	8004	9.5	170249.5	-5246.5
7825	10.3	164616.0	-5248.9	7915	11.5	165413.8	-5242.3	8005	9.7	170302.7	-5234.5
7826	10.0	164618.4	-5228.9	7916	11.3	165422.8	-5246.3	8006	11.0	170307.9	-5245.8
7827	10.5	164625.6	-5208.9	7917	11.5	165428.3	-5224.3	8007	11.0	170310.6	-5206.5
7828	11.5	164628.3	-5224.9	7918	9.7	165441.5	-5255.0	8008	11.0	170313.9	-5254.5
7829	9.5	164629.9	-5225.9	7919	9.2	165503.9	-5211.3	8009	10.8	170315.5	-5252.5
7830	6.5	164639.9	-5204.0	7920	11.5	165505.9	-5227.2	8010	11.5	170319.9	-5200.5
7831	9.8	164648.0	-5206.0	7921	9.9	165506.4	-5219.3	8011	11.3	170320.9	-5251.3
7832	11.0	164652.7	-5253.0	7922	9.3	165509.0	-5217.3	8012	8.7	170323.1	-5257.2
7833	11.5	164658.0	-5210.0	7923	9.1	165510.5	-5232.3	8013	9.8	170326.3	-5224.5
7834	11.0	164659.8	-5226.0	7924	11.3	165510.5	-5251.3	8014	11.3	170329.9	-5242.4
7835	10.0	164702.2	-5250.0	7925	9.9	165521.0	-5237.3	8015	10.5	170339.3	-5204.5
7836	9.0	164704.4	-5233.0	7926	9.8	165529.1	-5251.0	8016	10.5	170341.3	-5259.0
7837	10.5	164706.9	-5236.0	7927	9.5	165530.2	-5208.3	8017	10.8	170400.5	-5253.5
7838	11.0	164710.4	-5232.0	7928	9.6	165532.5	-5237.3	8018	9.7	170406.7	-5207.5
7839	10.5	164716.9	-5236.0	7929	11.0	165532.9	-5217.2	8019	9.4	170408.4	-5226.5
7840	9.7	164720.4	-5208.0	7930	11.3	165538.2	-5208.3	8020	11.0	170410.9	-5248.8
7841	10.3	164730.8	-5230.0	7931	11.0	165601.9	-5217.1	8021	11.3	170416.0	-5206.5
7842	9.6	164731.0	-5207.0	7932	10.0	165604.3	-5249.3	8022	11.0	170420.7	-5224.5
7843	9.8	164732.0	-5220.0	7933	10.8	165607.9	-5235.3	8023	11.0	170422.7	-5211.5
7844	10.3	164745.4	-5226.0	7934	9.6	165609.4	-5249.3	8024	10.0	170430.6	-5204.5
7845	9.6	164746.9	-5208.0	7935	10.5	165610.4	-5253.5	8025	10.8	170434.8	-5203.5
8026	11.3	170446.4	-5221.5								
8027	8.9	170457.2	-5209.5								
8028	9.6	170459.4	-5231.5								
8029	10.0	170507.1	-5219.5								
8030	11.0	170510.4	-5246.5								
8031	9.9	170516.1	-5249.5								
8032	10.8	170528.3	-5208.5								
8033	10.0	170528.9	-5203.5								
8034	10.8	170550.4	-5256.5								
8035	11.5	170553.3	-5227.5								
8036	10.8	170558.1	-5220.5								
8037	11.0	170558.1	-5221.5								
8038	11.3	170601.3	-5213.5								
8039	7.7	170604.3	-5209.5								
8040	10.8	170607.0	-5247.4								
8041	11.0	170609.6	-5222.3								
8042	10.3	170628.0	-5210.8								
8043	10.0	170629.5	-5204.8								
8044	10.3	170630.0	-5237.8								
8045	10.5	170630.1	-5258.1								
8046	10.8	170634.0	-5214.9								
8047	10.8	170651.3	-5202.8								
8048	11.3	170655.8	-5226.8								
8049	11.3	170657.1	-5205.8								
8050	10.8	170711.7	-5255.1								
8051	10.5	170714.1	-5213.9								
8052	10.8	170717.0	-5214.9								
8053	10.3	170722.1	-5202.9								
8054	11.3	170726.5	-5234.2								
8055	9.4	170729.7	-5237.9								
8056	11.5	170734.7	-5226.9								
8057	10.5	170738.2	-5225.9								
8058	11.0	170742.2	-5216.9								
8059	9.1	170749.7	-5257.2								
8060	8.6	170751.6	-5216.9								
8061	10.5	170806.8	-5244.9								
8062	8.4	170815.2	-5236.9								
8063	10.3	170818.5	-5217.9								
8064	11.0	170819.0	-5232.9								
8065	8.0	170826.1	-5251.9								
8066	11.0	170830.6	-5201.9								
8067	10.5	170834.6	-5245.9								
8068	11.3	170847.1	-5232.9								
8069	11.5	170853.4	-5226.9								
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8071	8.4	170911.6	-5243.0								
8072	8.8	170916.4	-5247.0								
8073	11.0	170931.0	-5224.0								
8074	10.8	170933.5	-5206.0								
8075	10.5	170938.0	-5256.2								
8076	10.5	170947.5	-5256.2								
8077	11.3	170956.0	-5236.0								
8078	9.5	171012.9	-5204.0								
8079	10.5	171021.6	-5209.0								
8080	10.8	171036.1	-5226.0								
8081	10.8	171037.9	-5208.0								
8082	11.0	171040.8	-5225.0								
8083	11.0	171043.4	-5236.0								
8084	9.0	171052.0	-5250.0								
8085	11.0	171056.5	-5230.0								
8086	10.8	171105.5	-5209.0								
8087	10.3	171106.5	-5246.0								
8088	10.0	171110.0	-5252.0								
8089	11.3	171113.9	-5230.0								
8090	9.9	171121.5	-5219.1								
8091	11.0	171129.0	-5253.4								
8092	9.8	171129.9	-5218.1								
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8098	10.0	171152.9	-5253.2								
8099	11.3	171155.8	-5231.1								
8100	10.5	171200.5	-5243.1								
8101	10.5	171212.0	-5241.1								
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8103	8.9	171215.7	-5212.1								
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8105	9.5	171226.0	-5223.1								
8106	9.6	171231.5	-5241.1								
8107	9.8	171234.7	-5231.1								
8108	9.5	171235.8	-5223.1								
8109	7.9	171251.2	-5251.1								
8110	10.3	171251.5	-5208.1								
8111	10.0	171314.8	-5254.2								
8112	10.8	171333.2	-5204.2								
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8114	10.8	171335.0	-5254.2								
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-52 8116 17h13m

8116 10.0 171344.5 -5202.2	8206 8.8 172416.1 -5206.7	8296 11.5 173425.1 -5247.3	8386 11.5 174416.7 -5212.5
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8121 10.0 171429.8 -5210.2	8211 9.5 172433.7 -5250.7	8301 11.0 173452.3 -5242.1	8391 10.3 174456.6 -5239.5
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8125 11.3 171444.6 -5217.2	8215 10.8 172502.4 -5206.7	8305 11.0 173515.6 -5242.1	8395 9.1 174514.4 -5225.5
8126 11.0 171445.4 -5225.2	8216 9.5 172508.6 -5259.2	8306 10.8 173528.0 -5218.1	8396 10.8 174515.8 -5257.2
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8128 11.0 171453.1 -5235.2	8218 9.3 172549.8 -5216.8	8308 10.0 173545.5 -5227.1	8398 10.0 174522.2 -5204.5
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8130 11.0 171459.4 -5222.2	8220 11.5 172603.9 -5228.8	8310 9.0 173556.0 -5204.1	8400 11.0 174540.4 -5235.5
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8205 10.3 172410.4 -5217.7	8295 10.5 173424.2 -5251.9	8385 10.5 174412.0 -5228.4	8475 10.5 175517.4 -5202.0

-52 8475 17h55m

-52 8476 17h55m

-52 8835 18h40m

8476	9.3	175520.9	-5218.0	8566	8.7	180548.4	-5227.3	8656	9.5	181742.0	-5256.3
8477	10.3	175534.8	-5247.0	8567	11.5	180551.6	-5241.3	8657	11.0	181755.6	-5252.3
8478	11.0	175543.6	-5242.0	8568	10.0	180622.8	-5257.2	8658	8.8	181802.6	-5248.9
8479	10.8	175556.0	-5254.8	8569	10.5	180643.9	-5212.4	8659	9.0	181804.8	-5209.8
8480	10.8	175558.1	-5253.8	8570	9.2	180644.6	-5213.4	8660	7.8	181810.8	-5234.0
8481	10.8	175613.6	-5259.5	8571	9.6	180650.6	-5214.6	8661	11.0	181811.2	-5221.6
8482	10.5	175615.5	-5213.0	8572	11.0	180653.9	-5245.4	8662	10.8	181821.8	-5241.6
8483	10.5	175621.8	-5220.0	8573	11.0	180706.9	-5234.4	8663	10.5	181836.3	-5231.6
8484	10.5	175631.3	-5215.0	8574	10.5	180711.0	-5253.2	8664	10.8	181836.7	-5202.8
8485	9.7	175648.2	-5248.0	8575	11.0	180711.3	-5204.4	8665	10.3	181843.4	-5229.6
8486	8.1	175649.4	-5258.2	8576	11.0	180722.8	-5244.4	8666	10.8	181847.8	-5248.6
8487	10.5	175659.0	-5230.1	8577	11.0	180729.8	-5239.4	8667	9.7	181858.6	-5258.4
8488	9.4	175659.4	-5242.0	8578	10.5	180737.5	-5253.9	8668	11.0	181904.6	-5205.8
8489	11.0	175712.5	-5255.2	8579	11.0	180743.8	-5234.2	8669	11.0	181908.4	-5257.4
8490	10.5	175714.7	-5225.1	8580	9.7	180748.3	-5213.2	8670	11.0	181913.6	-5220.6
8491	9.6	175719.6	-5206.1	8581	7.5	180749.0	-5204.6	8671	11.5	181917.2	-5233.6
8492	10.5	175723.1	-5242.1	8582	11.0	180759.4	-5203.4	8672	9.8	181925.8	-5220.6
8493	11.0	175729.2	-5219.1	8583	10.8	180803.8	-5223.4	8673	10.5	181937.6	-5251.0
8494	11.5	175729.6	-5258.6	8584	9.7	180811.3	-5254.0	8674	10.5	181952.0	-5234.4
8495	11.0	175730.3	-5234.1	8585	10.5	180813.9	-5224.2	8675	8.8	181955.3	-5208.6
8496	10.5	175737.2	-5228.1	8586	11.0	180825.9	-5236.4	8676	11.0	181959.8	-5226.6
8497	9.2	175741.4	-5255.8	8587	11.0	180827.7	-5213.4	8677	11.3	182004.8	-5201.6
8498	10.5	175746.9	-5206.1	8588	8.2	180829.5	-5247.4	8678	10.0	182007.8	-5216.6
8499	10.3	175751.1	-5216.1	8589	20.0	180840.7	-5215.4	8679	10.5	182014.0	-5214.6
8500	10.0	175800.6	-5258.6	8590	11.0	180847.9	-5226.4	8680	11.0	182021.1	-5238.6
8501	7.5	175802.4	-5214.5	8591	10.8	180850.6	-5241.4	8681	10.8	182023.7	-5214.6
8502	11.0	175802.6	-5254.6	8592	10.8	180851.6	-5200.4	8682	9.4	182040.3	-5244.6
8503	10.3	175827.3	-5215.1	8593	7.4	180907.4	-5200.4	8683	9.9	182049.8	-5203.6
8504	10.8	175829.8	-5252.8	8594	10.5	180915.9	-5210.4	8684	9.8	182103.5	-5242.6
8505	9.5	175833.0	-5224.1	8595	11.0	180918.2	-5227.5	8685	10.5	182104.9	-5240.6
8506	11.0	175848.2	-5232.1	8596	11.0	180918.2	-5209.5	8686	11.0	182109.8	-5228.4
8507	11.0	175855.0	-5202.1	8597	9.4	180930.2	-5230.2	8687	7.9	182114.0	-5232.4
8508	10.0	175900.3	-5220.1	8598	11.0	180934.7	-5257.9	8688	10.5	182117.8	-5231.6
8509	11.0	175901.9	-5219.1	8599	10.3	181004.7	-5213.5	8689	11.0	182121.8	-5233.4
8510	11.0	175904.0	-5258.7	8600	11.5	181005.9	-5216.5	8690	11.0	182131.0	-5206.6
8511	11.3	175908.1	-5245.1	8601	11.5	181017.7	-5220.5	8691	11.3	182136.0	-5220.6
8512	8.9	175923.1	-5253.9	8602	9.2	181030.2	-5234.2	8692	10.8	182141.7	-5251.4
8513	11.0	175925.7	-5243.1	8603	9.7	181032.2	-5248.5	8693	9.8	182143.0	-5206.8
8514	11.0	175938.9	-5247.2	8604	11.0	181036.4	-5246.5	8694	11.3	182143.6	-5231.6
8515	11.3	175955.8	-5233.2	8605	11.0	181059.4	-5254.5	8695	11.3	182155.9	-5202.6
8516	9.3	175957.0	-5243.2	8606	10.0	181104.6	-5229.2	8696	11.3	182156.7	-5217.6
8517	9.6	175958.6	-5257.7	8607	8.8	181108.4	-5214.5	8697	10.8	182205.4	-5257.8
8518	10.3	180007.2	-5220.2	8608	9.7	181111.6	-5244.5	8698	11.3	182215.8	-5213.6
8519	10.5	180018.5	-5250.6	8609	10.5	181121.5	-5201.5	8699	8.6	182218.7	-5232.6
8520	9.4	180023.9	-5203.0	8610	11.0	181125.2	-5209.5	8700	10.5	182220.8	-5235.6
8521	10.8	180029.4	-5229.2	8611	11.0	181130.5	-5206.6	8701	10.8	182222.5	-5212.2
8522	9.4	180033.4	-5236.2	8612	11.5	181139.5	-5234.6	8702	11.5	182242.8	-5249.6
8523	11.0	180034.6	-5221.2	8613	9.4	181142.6	-5238.3	8703	9.1	182250.5	-5249.6
8524	8.8	180059.3	-5200.2	8614	10.8	181144.3	-5252.8	8704	11.0	182258.3	-5257.5
8525	11.0	180102.7	-5257.7	8615	11.0	181206.6	-5248.6	8705	9.6	182314.8	-5206.6
8526	11.0	180108.8	-5234.2	8616	11.3	181207.0	-5251.6	8706	11.5	182320.2	-5234.6
8527	11.0	180115.9	-5221.2	8617	11.0	181214.8	-5214.6	8707	9.3	182348.6	-5249.6
8528	10.8	180123.2	-5224.2	8618	10.8	181230.6	-5215.6	8708	9.9	182356.7	-5227.6
8529	10.8	180125.9	-5242.2	8619	11.0	181245.3	-5215.6	8709	9.9	182357.9	-5209.8
8530	10.8	180129.8	-5213.5	8620	10.8	181246.2	-5217.6	8710	10.0	182411.5	-5235.8
8531	11.0	180148.0	-5226.2	8621	10.5	181247.3	-5228.6	8711	11.0	182413.0	-5235.8
8532	11.0	180149.7	-5226.2	8622	10.3	181257.6	-5245.6	8712	11.5	182414.6	-5231.6
8533	11.0	180150.8	-5221.2	8623	10.5	181315.6	-5241.6	8713	10.0	182419.3	-5254.2
8534	9.5	180154.3	-5205.5	8624	10.0	181316.2	-5205.6	8714	6.0	182427.9	-5258.5
8535	9.5	180155.8	-5212.0	8625	11.5	181341.5	-5225.6	8715	10.3	182440.8	-5239.8
8536	9.5	180219.1	-5245.2	8626	10.3	181344.2	-5232.3	8716	10.3	182450.5	-5200.6
8537	10.3	180223.2	-5255.8	8627	10.5	181346.0	-5237.6	8717	7.6	182454.0	-5228.6
8538	11.0	180234.8	-5241.2	8628	11.0	181348.5	-5229.6	8718	9.1	182456.6	-5218.6
8539	10.5	180239.7	-5209.5	8629	10.8	181405.2	-5226.8	8719	11.0	182500.2	-5247.6
8540	10.3	180256.3	-5220.3	8630	9.5	181405.7	-5227.6	8720	9.0	182501.8	-5207.6
8541	9.4	180308.9	-5221.3	8631	7.8	181437.0	-5209.9	8721	9.2	182513.7	-5217.6
8542	10.3	180318.4	-5218.0	8632	10.5	181439.3	-5259.4	8722	10.5	182527.5	-5215.6
8543	10.5	180320.3	-5233.3	8633	11.0	181452.3	-5225.7	8723	11.0	182536.7	-5244.6
8544	9.4	180326.4	-5256.8	8634	10.5	181455.3	-5227.5	8724	10.3	182556.8	-5205.5
8545	11.0	180331.0	-5201.3	8635	9.5	181459.9	-5241.7	8725	10.5	182601.6	-5216.5
8546	10.8	180332.9	-5235.3	8636	11.0	181502.1	-5255.3	8726	10.8	182607.6	-5234.3
8547	9.3	180346.0	-5233.0	8637	10.0	181505.8	-5214.7	8727	10.5	182608.2	-5214.5
8548	10.3	180346.9	-5253.8	8638	11.0	181524.7	-5228.7	8728	9.1	182617.4	-5258.6
8549	10.3	180349.5	-5212.3	8639	11.0	181528.0	-5220.5	8729	10.0	182626.0	-5222.5
8550	10.5	180349.9	-5210.3	8640	11.0	181532.4	-5209.7	8730	9.2	182643.8	-5202.5
8551	9.8	180356.4	-5252.9	8641	9.6	181534.3	-5224.5	8731	10.5	182655.2	-5224.5
8552	10.0	180359.6	-5243.3	8642	11.0	181534.9	-5219.5	8732	9.4	182704.4	-5252.5
8553	10.0	180401.6	-5225.1	8643	9.7	181540.2	-5222.5	8733	10.3	182707.7	-5243.5
8554	8.8	180403.7	-5252.8	8644	11.0	181558.2	-5238.5	8734	10.0	182713.0	-5232.5
8555	9.7	180410.8	-5221.3	8645	10.8	181601.2	-5252.2	8735	10.8	182714.3	-5230.3
8556	10.5	180410.8	-5205.5	8646	11.0	181606.8	-5202.5	8736	10.0	182714.4	-5218.3
8557	11.0	180413.9	-5213.3	8647	10.3	181607.3	-5257.4	8737	10.0	182719.9	-5253.6
8558	9.5	180419.2	-5250.0	8648	11.3	181626.9	-5220.5	8738	9.4	182722.6	-5200.5
8559	11.0	180426.1	-5220.3	8649	11.3	181644.0	-5242.5	8739	9.0	182738.5	-5203.5
8560	9.5	180428.9	-5256.8	8650	11.3	181645.2	-5249.5	8740	9.7	182744.8	-5200.5
8561	9.4	180442.3	-5251.0	8651	11.5	181649.8	-5222.5	8741	9.6	182748.4	-5221.7
8562	9.5	180518.3	-5207.5	8652	9.8	181653.4	-5226.8	8742	11.3	182751.4	-5218.5
8563	10.0	180521.0	-5204.3	8653	10.0	181656.3	-5204.8	8743	11.3	182752.8	-5208.5
8564	11.0	180521.2	-5224.3	8654	11.5	181726.9	-5228.5	8744	11.5	182755.6	-5246.5
8565	11.0	180537.5	-5225.3	8655	11.0	181729.4	-5253.5	8745	9.6	182802.0	-5228.5
8746	11.5	182803.6	-5209.5								
8747	8.0	182811.0	-5243.5								
8748	10.5	182823.3	-5233.5								
8749	9.6	182825.2	-5254.7								
8750	10.5	182826.2	-5213.5								
8751	10.3	182828.8	-5249.5								
8752	11.0	182844.0	-5250.5								
8753	10.5	182848.8	-5203.5								
8754	9.7	182908.7	-5238.5								
8755	11.0	182919.0	-5245.5								
8756	10.8	182932.8	-5229.5								
8757	11.0	182937.5	-5224.5								
8758	8.7	182941.1	-5225.3								
8759	9.0	182944.2	-5213.5								
8760	10.5	182944.6	-5210.5								
8761	10.5	182959.8	-5231.5								
8762	10.5	183022.0	-5201.5								
8763	10.8	183023.6	-5230.5								
8764	7.6	183027.4	-5218.5								
8765	10.8	183030.6	-5214.5								
8766	10.8	183039.9	-5227.5								
8767	10.0	183040.9	-5249.2								
8768	8.7	183047.6	-5239.8								
8769	11.0	183132.4	-5253.5								
8770	10.0	183143.8	-5244.5								
8771	9.9	183149.5	-5249.5								
8772	10.8	183158.5	-5226.5								
8773	10.3	183158.8	-5219.5								
8774	9.8	183218.6	-5216.3								
8775	10.8	183226.8	-5202.5								
8776	9.8	183233.8	-5216.2								
8777	8.1	183305.6	-5235.0								
8778	9.5	183307.2	-5245.5								
8779	7.8	183321.2	-5258.8								
8780	10.0	183325.7	-5232.5								
8781	11.5	183330.7	-5206.5								
8782	9.0	183335.0	-5237.5								
8783	9.8	183338.6	-5222.5								
8784	9.9	183339.0	-5209.8								
8785	11.0	183400.6	-5204.5								
8786	11.0	183409.4	-5210.5								
8787	10.5	183411.2	-5252.2								
8788	9.6	183413.9	-5226.5								
8789	11.0	183426.3	-5219.5								
8790	8.4	183429.3	-5221.8								
8791	10.8	183452.6	-5212.5								
8792	11.0	183504.3	-5217.5								
8793	10.0	183507.2	-5218.5								
8794	10.5	183514.0	-5258.8								
8795	9.6	183516.8	-5231.8								
8796	9.0	183520.4	-5248.7								
8797	10.3	183526.6	-5214.7								
8798	10.5	183530.9	-5223.3								
8799	10.5	183533.5	-5236.5								
8800	11.0	183551.7	-5231.5								
8801	11.0	183603.6	-5253.8								
8802	10.5	183607.2	-5203.6								
8803	11.0	183608.6	-5214.5								
8804	11.0	183618.6	-5230.3								
8805	9.8	183619.6	-5200.5								
8806	9.7	183640.8	-5210.3								
8807	10.5	183648.6	-5243.5								
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8810	9.2	183709.4	-5244.7								
8811	11.5	183711.7	-5258.9								
8812	10.0	183716.3	-5231.5								
8813	10.8	183716.4	-5254.0								
8814	9.7	183737.7	-5245.5								
8815	8.5	183739.4	-5235.5								
8816	11.3	183744.1	-5238.5								
8817	9.5	183744.9	-5256.0								
8818	11.3	183745.3	-5248.5								
8819	11.0	183748.5	-5255.0								
8820	8.9	183753.8	-5218.5								
8821	10.0	183801.9	-5220.5								
8822	11.5	183805.4	-5213.5								
8823	8.5	183806.0	-5217.7								
8824	10.8	183812.3	-5224.5								
8825	11.0	183823.8	-5249.5								
8826	10.5	183837.3	-5202.8								
8827	8.6	183900.9	-5257.9								
8828	10.5	183924.9	-5250.0								
8829	8.7	183926.6	-5258.9								
8830	11.5	183933.7	-5214.5								
8831	9.4	183940.4	-5217.5								
8832	11.3	183951.0	-5228.5								
8833	7.3	184002.4	-5215.5								
8834	10.0	184005.9	-5259.9								
8835	10.0	184016.4	-5255.9								

8836	10.0	184022.3	-5215.5	8926	9.8	185117.0	-5225.2	9016	10.0	190321.8	-5235.0
8837	8.2	184026.2	-5250.8	8927	9.7	185131.2	-5211.2	9017	9.4	190350.9	-5245.0
8838	11.0	184031.8	-5233.5	8928	9.6	185133.6	-5240.2	9018	9.8	190357.5	-5222.0
8839	8.5	184037.6	-5244.5	8929	10.0	185137.5	-5216.2	9019	10.0	190400.2	-5202.0
8840	9.8	184044.4	-5206.3	8930	10.0	185141.6	-5223.2	9020	10.0	190400.8	-5200.0
8841	7.8	184056.8	-5226.5	8931	9.8	185141.6	-5259.0	9021	10.0	190404.6	-5204.0
8842	8.8	184105.0	-5202.3	8932	10.0	185147.2	-5238.0	9022	10.0	190410.0	-5259.4
8843	10.0	184139.0	-5249.9	8933	10.0	185148.6	-5236.2	9023	10.0	190428.7	-5232.0
8844	7.7	184149.2	-5232.1	8934	10.0	185158.7	-5205.2	9024	10.0	190439.6	-5206.0
8845	9.3	184159.3	-5222.1	8935	8.9	185217.7	-5250.4	9025	10.0	190440.5	-5213.0
8846	10.0	184217.8	-5251.3	8936	10.0	185219.4	-5224.3	9026	10.0	190441.0	-5214.0
8847	10.0	184219.7	-5249.0	8937	9.3	185224.9	-5218.0	9027	10.0	190454.5	-5234.0
8848	10.0	184220.3	-5222.1	8938	9.6	185232.3	-5243.2	9028	10.0	190459.6	-5234.1
8849	10.0	184221.1	-5228.1	8939	10.0	185240.6	-5250.3	9029	9.8	190500.7	-5216.1
8850	9.7	184223.8	-5219.0	8940	10.0	185248.2	-5224.2	9030	9.3	190503.8	-5218.0
8851	10.0	184224.5	-5207.1	8941	10.0	185254.2	-5235.8	9031	10.0	190506.8	-5232.0
8852	10.0	184234.0	-5241.1	8942	10.0	185303.6	-5222.2	9032	10.0	190510.9	-5204.1
8853	10.0	184235.2	-5228.1	8943	9.8	185303.6	-5234.3	9033	10.0	190517.1	-5243.1
8854	6.0	184244.6	-5215.0	8944	10.0	185308.9	-5245.0	9034	10.0	190517.1	-5248.1
8855	10.0	184245.0	-5200.1	8945	9.1	185318.8	-5219.0	9035	9.8	190522.8	-5256.0
8856	10.0	184251.1	-5219.1	8946	9.8	185332.9	-5205.8	9036	10.0	190528.8	-5251.5
8857	11.0	184259.1	-5235.1	8947	10.0	185333.8	-5253.6	9037	10.0	190532.0	-5253.8
8858	10.0	184301.1	-5210.8	8948	10.0	185338.4	-5204.8	9038	10.0	190550.8	-5203.2
8859	10.0	184310.4	-5258.9	8949	9.8	185339.2	-5200.8	9039	10.0	190600.4	-5219.1
8860	7.9	184314.8	-5244.1	8950	10.0	185343.7	-5245.6	9040	9.7	190627.9	-5213.4
8861	7.1	184319.0	-5204.3	8951	9.8	185346.8	-5228.8	9041	8.3	190630.9	-5216.1
8862	7.8	184328.1	-5224.1	8952	10.0	185347.8	-5241.5	9042	7.1	190645.0	-5239.1
8863	10.0	184328.1	-5208.1	8953	9.3	185359.7	-5202.8	9043	9.0	190645.4	-5236.1
8864	9.2	184336.2	-5201.1	8954	10.0	185404.6	-5218.8	9044	10.0	190653.5	-5229.1
8865	10.0	184348.5	-5215.1	8955	10.0	185417.9	-5217.2	9045	9.7	190700.6	-5244.9
8866	10.0	184351.0	-5250.0	8956	9.1	185434.8	-5258.2	9046	10.0	190703.5	-5206.1
8867	10.0	184358.8	-5241.1	8957	10.0	185436.8	-5201.8	9047	10.0	190708.8	-5256.5
8868	10.0	184400.8	-5211.1	8958	10.0	185452.3	-5259.3	9048	10.0	190717.8	-5226.1
8869	10.0	184408.8	-5242.1	8959	10.0	185503.9	-5247.8	9049	10.0	190720.4	-5223.1
8870	10.0	184426.3	-5243.1	8960	10.0	185507.7	-5214.8	9050	10.0	190721.6	-5248.0
8871	10.0	184433.8	-5257.1	8961	9.9	185549.8	-5203.0	9051	10.0	190747.9	-5248.8
8872	10.0	184437.8	-5255.9	8962	9.8	185550.4	-5215.8	9052	10.0	190800.8	-5201.1
8873	10.0	184440.9	-5245.1	8963	10.0	185555.8	-5205.6	9053	10.0	190802.2	-5206.1
8874	10.0	184442.3	-5243.1	8964	10.0	185559.8	-5208.8	9054	10.0	190816.8	-5212.4
8875	10.0	184446.0	-5241.1	8965	5.0	185626.0	-5231.5	9055	10.0	190821.8	-5254.1
8876	10.0	184450.2	-5231.1	8966	9.8	185632.4	-5200.8	9056	10.0	190828.5	-5227.1
8877	10.0	184453.3	-5218.7	8967	10.0	185636.9	-5209.8	9057	10.0	190837.5	-5202.1
8878	10.0	184458.3	-5230.1	8968	10.0	185639.8	-5208.8	9058	9.7	190838.4	-5250.9
8879	9.8	184501.8	-5209.1	8969	10.0	185649.8	-5243.8	9059	9.6	190841.9	-5236.0
8880	8.6	184504.2	-5251.4	8970	10.0	185655.5	-5239.8	9060	8.8	190852.2	-5234.4
8881	8.6	184506.8	-5245.1	8971	10.0	185708.5	-5201.8	9061	10.0	190858.6	-5207.1
8882	10.5	184507.8	-5224.1	8972	8.7	185713.0	-5206.8	9062	10.0	190920.5	-5202.3
8883	10.0	184510.2	-5217.1	8973	9.7	185729.1	-5244.5	9063	10.0	190959.7	-5247.2
8884	8.3	184510.6	-5253.0	8974	10.0	185734.5	-5230.8	9064	10.0	191003.6	-5248.2
8885	9.4	184517.8	-5226.1	8975	9.3	185740.9	-5214.8	9065	9.4	191010.5	-5200.4
8886	10.0	184523.4	-5253.9	8976	10.0	185742.4	-5217.8	9066	10.0	191013.8	-5222.2
8887	10.0	184536.4	-5240.3	8977	9.6	185759.9	-5218.9	9067	10.0	191026.4	-5239.0
8888	8.2	184557.1	-5205.1	8978	10.0	185804.8	-5229.9	9068	10.0	191033.1	-5237.2
8889	9.7	184610.2	-5229.1	8979	10.0	185814.2	-5239.9	9069	9.4	191040.6	-5247.0
8890	10.0	184615.7	-5235.1	8980	9.8	185824.4	-5240.9	9070	9.1	191049.0	-5248.0
8891	9.7	184622.8	-5239.2	8981	10.0	185829.4	-5253.3	9071	7.4	191111.7	-5256.0
8892	9.8	184628.8	-5228.1	8982	10.0	185829.8	-5209.9	9072	10.0	191113.4	-5252.2
8893	9.0	184634.2	-5225.1	8983	10.0	185834.7	-5256.3	9073	9.9	191119.4	-5229.2
8894	9.8	184636.9	-5211.1	8984	10.0	185843.5	-5214.9	9074	10.0	191125.2	-5228.2
8895	8.4	184638.2	-5226.3	8985	10.0	185905.4	-5204.9	9075	9.2	191135.2	-5211.4
8896	10.0	184639.4	-5211.4	8986	9.5	185921.9	-5217.9	9076	9.5	191137.6	-5259.4
8897	10.0	184659.9	-5244.8	8987	10.0	185923.4	-5240.9	9077	10.0	191140.7	-5207.2
8898	10.0	184722.1	-5249.9	8988	10.0	185924.7	-5200.9	9078	10.0	191151.9	-5228.2
8899	10.0	184731.2	-5258.9	8989	10.0	185947.8	-5221.9	9079	9.8	191153.0	-5251.8
8900	10.0	184734.5	-5216.1	8990	9.8	185957.4	-5254.1	9080	9.9	191238.4	-5216.5
8901	10.0	184748.8	-5244.1	8991	10.0	190009.5	-5258.3	9081	10.0	191251.5	-5201.2
8902	9.8	184753.6	-5200.3	8992	10.0	190010.5	-5203.9	9082	10.0	191302.4	-5200.4
8903	10.0	184754.4	-5254.6	8993	10.0	190018.2	-5237.9	9083	9.8	191310.8	-5207.6
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8905	9.2	184840.9	-5241.2	8995	9.7	190034.6	-5203.9	9085	10.0	191319.9	-5201.6
8906	10.0	184844.2	-5258.3	8996	9.9	190038.3	-5205.9	9086	9.7	191320.6	-5256.3
8907	10.0	184846.8	-5208.1	8997	10.0	190043.9	-5231.9	9087	10.0	191335.7	-5241.3
8908	10.0	184852.7	-5223.8	8998	10.0	190104.7	-5236.0	9088	10.0	191419.0	-5212.6
8909	10.0	184859.1	-5209.1	8999	10.0	190111.8	-5225.0	9089	9.6	191420.4	-5248.3
8910	10.0	184905.7	-5200.1	9000	10.0	190120.7	-5218.0	9090	9.9	191422.9	-5239.3
8911	10.0	184915.1	-5229.7	9001	10.0	190129.8	-5245.0	9091	9.8	191428.9	-5246.3
8912	10.0	184919.2	-5221.3	9002	9.9	190131.9	-5216.0	9092	10.0	191433.0	-5236.7
8913	10.0	184919.9	-5243.1	9003	8.8	190137.2	-5209.0	9093	10.0	191440.5	-5249.7
8914	10.0	184932.6	-5203.4	9004	10.0	190138.2	-5212.5	9094	7.8	191458.6	-5201.7
8915	10.0	184951.8	-5227.2	9005	10.0	190158.0	-5221.0	9095	10.0	191500.9	-5214.7
8916	9.2	184959.2	-5234.2	9006	10.0	190159.8	-5214.0	9096	9.1	191506.3	-5202.6
8917	9.4	185007.2	-5245.2	9007	9.8	190221.5	-5227.0	9097	10.0	191512.6	-5237.2
8918	9.9	185010.7	-5218.2	9008	8.3	190229.2	-5200.9	9098	8.6	191515.0	-5221.8
8919	10.0	185012.5	-5207.0	9009	7.1	190236.2	-5200.2	9099	9.8	191520.0	-5200.6
8920	9.8	185027.5	-5251.0	9010	10.0	190242.7	-5204.0	9100	9.2	191544.4	-5221.4
8921	9.2	185031.8	-5213.2	9011	10.0	190252.8	-5203.0	9101	10.0	191551.7	-5210.6
8922	10.0	185039.5	-5249.3	9012	10.0	190257.4	-5221.0	9102	9.9	191600.3	-5241.6
8923	9.7	185047.0	-5212.2	9013	10.0	190303.6	-5227.0	9103	10.0	191604.5	-5200.0
8924	10.0	185112.0	-5241.2	9014	9.9	190311.4	-5255.4	9104	10.0	191606.0	-5200.8
8925	10.0	185114.2	-5226.4	9015	9.7	190312.0	-5242.7	9105	9.9	191612.2	-5227.6
9106	8.6	191621.0	-5212.6								
9107	9.4	191631.6	-5242.6								
9108	10.0	191632.3	-5238.6								
9109	9.4	191641.2	-5240.6								
9110	10.0	191703.2	-5219.6								
9111	10.0	191707.0	-5222.6								
9112	10.0	191709.8	-5221.6								
9113	10.0	191716.5	-5256.9								
9114	7.7	191745.9	-5250.4								
9115	10.0	191746.2	-5244.6								
9116	10.0	191747.2	-5208.6								
9117	10.0	191759.5	-5244.6								
9118	10.0	191821.7	-5233.6								
9119	10.0	191827.1	-5250.6								
9120	9.7	191829.6	-5233.6								
9121	10.0	191846.8	-5253.2								
9122	10.0	191857.0	-5206.6								
9123	10.0	191900.3	-5242.6								
9124	10.0	191904.9	-5207.6								
9125	10.0	191913.0	-5247.6								
9126	10.0	191931.2	-5218.5								
9127	9.7	191933.6	-5219.5								
9128	10.0	191945.6	-5240.5								
9129	8.9	191949.4	-5252.4								
9130	10.0	191952.7	-5234.7								
9131	10.0	191957.5	-5229.5								
9132	10.0	192015.8	-5243.5								
9133	10.0	192019.2	-5234.9								
9134	9.6	192030.8	-5230.5								
9135	9.7	192059.3	-5259.0								
9136	9.4	192107.7	-5213.5								
9137	10.0	192119.7	-5206.5								
9138	10.0	192131.8	-5246.5								
9139	9.8	192139.8	-5236.7								
9140	10.0	192140.2	-5256.0								
9141	10.0	192209.0	-5257.0								
9142	10.0	192220.8	-5219.6								
9143	9.4	192234.2	-5225.6								
9144	9.9	192234.8	-5213.6								
9145	10.0	192235.2	-5243.6								
9146	9.9	192237.2	-5247.6								
9147	9.5	192250.2	-5213.9								
9148	10.0	192253.5	-5218.6								
9149	9.2	192317.9	-5248.6								
9150	10.0	192323.7	-5223.6								
9151	10.0	192325.2	-5239.6								
9152	9.9	192331.1	-5222.8								
9153	10.0	192347.8	-5200.6								
9154	10.0	192353.1	-5254.6								
9155	9.9	192355.8	-5227.3								
9156	10.0	192400.8	-5243.6								
9157	9.8	192409.8	-5234.6								
9158	10.0	192420.2	-5230.6								
9159	9.6	192432.8	-5251.2								
9160	9.9	192440.0	-5255.8								
9161	8.1	192444.0	-5231.8								
9162	9.3	192505.8	-5213.6								
9163	10.0	192517.4	-5234.6								
9164	10.0	192529.9	-5241.7								
9165	10.0	192539.9	-5239.4								
9166	10.0	192554.0	-5253.7								
9167	9.8	192558.8	-5214.7								
9168	10.0	192638.8	-5212.7								
9169	10.0	192639.9	-5251.7								
9170	10.0	192642.0	-5242.7								
9171	10.0	192646.8	-5219.7								
9172	10.0	192713.6	-5234.7								
9173	10.0	192724.4	-5224.7								
9174	10.0	192731.8	-5202.7								
9175	10.0	192733.0	-5231.7								
9176	10.0	192746.5	-5246.7								
9177	10.0	192749.1	-5212.7								
9178	10.0	192750.0	-5210.7								
9179	10.0	192804.0	-5201.7								
9180	10.0	192818.9	-5247.7								
9181	10.0	192830.3	-5218.7								
9182	10.0	192839.2	-5225.7								
9183	10.0	192853.2	-5244.7								
9184	10.0	192854.7	-5239.7								
9185	10.0	192901.6	-5216.7								
9186	9.9	192907.8	-5212.7								
9187	10.0	192916.9	-5203.9								
9188	9.4	192922.4	-5239.8								
9189	10.0	192937.5	-5254.8								
9190	10.0	192941.6	-5208.8								
9191	10.0	193006.3	-5206.8								
9192	9.7	193007.4	-5209.8								
9193	10.0	193012.4	-5231.8								
9194	9.2	193018.8	-5200.8								
9195	10.0	193026.0	-5252.8								

-52 9196 19h30m

-52 9555 20h26m

9196	10.0	193047.4	-5232.8	9286	10.0	194407.0	-5214.3	9376	10.0	195630.9	-5207.8
9197	9.8	193055.6	-5206.8	9287	9.9	194410.8	-5258.5	9377	7.7	195650.3	-5252.3
9198	10.0	193055.9	-5205.8	9288	10.0	194418.8	-5220.3	9378	9.9	195714.8	-5251.3
9199	10.0	193101.6	-5206.8	9289	10.0	194443.8	-5218.3	9379	10.0	195716.6	-5208.8
9200	9.8	193107.3	-5214.8	9290	9.9	194447.8	-5230.3	9380	10.0	195730.9	-5216.8
9201	10.0	193113.0	-5258.4	9291	10.0	194500.2	-5210.3	9381	9.9	195754.2	-5208.8
9202	10.0	193119.5	-5213.0	9292	10.0	194505.8	-5200.3	9382	8.2	195807.4	-5237.8
9203	8.3	193123.7	-5204.5	9293	10.0	194506.0	-5224.3	9383	9.8	195807.5	-5206.8
9204	8.8	193136.5	-5200.8	9294	10.0	194507.8	-5226.4	9384	9.0	195808.5	-5203.8
9205	10.0	193136.7	-5248.0	9295	10.0	194509.5	-5257.3	9385	9.8	195809.4	-5206.5
9206	10.0	193148.9	-5212.0	9296	10.0	194516.6	-5200.6	9386	9.4	195814.6	-5234.8
9207	10.0	193153.2	-5212.2	9297	7.8	194525.9	-5208.0	9387	10.0	195814.8	-5204.8
9208	8.8	193154.7	-5203.5	9298	10.0	194529.0	-5222.3	9388	7.4	195837.4	-5256.3
9209	10.0	193158.0	-5213.5	9299	10.0	194536.2	-5248.3	9389	10.0	195938.3	-5215.8
9210	10.0	193214.3	-5206.9	9300	10.0	194548.3	-5234.5	9390	10.0	195959.9	-5222.8
9211	10.0	193222.4	-5219.9	9301	8.1	194551.3	-5222.2	9391	10.0	200007.9	-5223.8
9212	10.0	193223.6	-5214.9	9302	9.7	194601.6	-5229.3	9392	10.0	200009.4	-5214.8
9213	9.7	193230.2	-5242.9	9303	10.0	194609.7	-5237.3	9393	9.4	200013.1	-5232.8
9214	9.2	193259.6	-5220.4	9304	10.0	194610.7	-5241.3	9394	7.7	200023.3	-5204.8
9215	10.0	193300.9	-5221.9	9305	9.2	194618.6	-5203.3	9395	10.0	200037.6	-5216.8
9216	10.0	193322.1	-5231.9	9306	10.0	194620.8	-5229.3	9396	10.0	200058.0	-5210.0
9217	10.0	193336.3	-5227.6	9307	10.0	194623.8	-5233.3	9397	10.0	200101.0	-5251.8
9218	10.0	193340.8	-5228.9	9308	9.9	194626.6	-5220.5	9398	9.9	200103.9	-5235.7
9219	10.0	193343.1	-5217.9	9309	10.0	194651.0	-5214.4	9399	10.0	200121.3	-5224.8
9220	10.0	193350.3	-5200.9	9310	10.0	194656.6	-5246.4	9400	9.5	200128.3	-5240.8
9221	9.6	193354.7	-5239.9	9311	10.0	194702.9	-5215.4	9401	10.0	200134.6	-5243.8
9222	9.7	193407.0	-5239.9	9312	10.0	194712.1	-5233.4	9402	9.7	200159.6	-5240.8
9223	10.0	193411.8	-5245.9	9313	9.8	194716.3	-5200.4	9403	7.8	200219.6	-5236.8
9224	10.0	193419.6	-5251.5	9314	10.0	194717.5	-5235.4	9404	11.0	200222.8	-5233.8
9225	10.0	193419.8	-5237.7	9315	10.0	194720.5	-5236.4	9405	11.0	200234.0	-5213.8
9226	9.4	193420.0	-5205.9	9316	10.0	194724.9	-5210.4	9406	10.8	200243.3	-5233.8
9227	9.4	193434.8	-5213.9	9317	10.0	194732.9	-5239.4	9407	11.3	200244.5	-5226.8
9228	9.8	193455.2	-5258.4	9318	10.0	194734.7	-5230.4	9408	9.9	200300.1	-5253.0
9229	10.0	193500.9	-5248.3	9319	10.0	194737.4	-5239.2	9409	11.5	200317.3	-5230.8
9230	8.3	193507.8	-5228.0	9320	9.9	194758.6	-5244.4	9410	10.8	200322.3	-5252.3
9231	8.4	193511.5	-5237.8	9321	10.0	194816.2	-5255.7	9411	9.1	200402.2	-5243.8
9232	10.0	193540.6	-5241.0	9322	9.4	194823.2	-5218.6	9412	8.3	200414.7	-5235.8
9233	9.7	193545.9	-5219.2	9323	8.2	194834.0	-5214.2	9413	10.8	200433.4	-5207.8
9234	10.0	193551.6	-5212.2	9324	9.9	194838.2	-5229.2	9414	11.3	200434.4	-5213.8
9235	10.0	193555.5	-5201.0	9325	7.8	194842.3	-5213.4	9415	10.5	200439.4	-5224.1
9236	9.9	193557.6	-5245.0	9326	10.0	194846.5	-5205.4	9416	10.8	200439.4	-5230.8
9237	9.1	193602.3	-5254.8	9327	9.1	194848.9	-5245.4	9417	10.8	200447.3	-5228.8
9238	7.1	193612.2	-5249.8	9328	10.0	194856.9	-5200.6	9418	5.7	200450.2	-5248.9
9239	10.0	193617.4	-5204.4	9329	10.0	194856.9	-5244.4	9419	11.5	200502.5	-5233.8
9240	10.0	193642.0	-5233.9	9330	9.6	194902.7	-5253.0	9420	11.5	200506.1	-5204.8
9241	10.8	193650.4	-5258.5	9331	10.0	194907.9	-5226.4	9421	10.8	200512.9	-5219.8
9242	10.0	193655.8	-5222.0	9332	8.6	194922.6	-5227.6	9422	11.5	200514.6	-5218.8
9243	10.3	193724.8	-5252.6	9333	10.0	194932.6	-5239.6	9423	11.3	200516.6	-5224.8
9244	10.5	193755.0	-5258.8	9334	10.0	194957.7	-5228.4	9424	10.3	200535.8	-5219.8
9245	10.0	193759.2	-5229.0	9335	11.3	195005.0	-5253.9	9425	10.3	200541.9	-5227.8
9246	10.0	193802.6	-5212.0	9336	10.0	195009.1	-5225.4	9426	10.3	200615.2	-5218.8
9247	10.0	193810.4	-5218.0	9337	10.8	195013.3	-5256.9	9427	10.8	200620.4	-5213.8
9248	8.6	193819.7	-5245.0	9338	9.5	195021.5	-5231.6	9428	10.3	200648.2	-5256.4
9249	10.0	193832.4	-5235.2	9339	10.0	195033.2	-5210.5	9429	10.3	200652.6	-5236.8
9250	9.9	193908.2	-5244.2	9340	9.4	195036.6	-5209.8	9430	11.5	200657.3	-5249.8
9251	10.0	193916.5	-5228.0	9341	10.8	195049.4	-5253.0	9431	11.5	200702.2	-5244.8
9252	9.5	193930.5	-5222.7	9342	9.3	195055.9	-5243.5	9432	8.3	200703.7	-5255.5
9253	10.0	193935.8	-5247.8	9343	9.9	195104.2	-5225.5	9433	11.0	200709.0	-5229.8
9254	10.0	193941.6	-5248.5	9344	10.0	195104.6	-5236.3	9434	10.5	200721.5	-5251.5
9255	10.0	193946.5	-5219.0	9345	10.0	195137.6	-5210.5	9435	10.0	200730.7	-5252.5
9256	9.5	193954.3	-5230.3	9346	10.0	195138.7	-5233.5	9436	11.3	200738.8	-5259.2
9257	10.0	194019.8	-5213.1	9347	10.0	195143.5	-5200.5	9437	10.5	200739.0	-5251.8
9258	8.5	194028.1	-5205.2	9348	10.0	195207.9	-5224.5	9438	10.8	200741.9	-5252.8
9259	10.0	194030.8	-5250.8	9349	10.0	195236.9	-5229.3	9439	9.6	200759.2	-5254.8
9260	10.5	194036.6	-5254.7	9350	10.0	195250.8	-5203.5	9440	9.5	200805.3	-5252.6
9261	9.5	194038.9	-5233.2	9351	10.0	195312.1	-5207.6	9441	10.0	200810.8	-5200.8
9262	10.0	194039.8	-5207.3	9352	10.0	195315.0	-5233.6	9442	10.0	200813.2	-5200.2
9263	8.6	194052.8	-5232.7	9353	10.0	195317.3	-5210.6	9443	7.1	200820.4	-5217.8
9264	9.9	194108.8	-5213.1	9354	10.0	195320.2	-5245.6	9444	10.8	200822.4	-5229.8
9265	9.8	194110.2	-5200.4	9355	10.0	195322.2	-5242.6	9445	9.9	200823.7	-5228.8
9266	10.5	194122.4	-5253.0	9356	10.0	195331.1	-5202.6	9446	11.0	200848.0	-5202.6
9267	10.0	194122.5	-5229.2	9357	8.6	195349.1	-5245.7	9447	10.3	200912.9	-5214.8
9268	10.0	194145.3	-5210.2	9358	10.0	195349.1	-5234.7	9448	10.5	200920.5	-5220.8
9269	10.0	194146.2	-5231.2	9359	10.0	195352.9	-5208.6	9449	10.8	200921.9	-5219.0
9270	9.8	194152.2	-5205.4	9360	10.0	195405.7	-5250.8	9450	11.3	200928.9	-5252.0
9271	9.8	194154.5	-5220.2	9361	10.0	195414.2	-5236.8	9451	9.8	200949.5	-5244.8
9272	9.8	194154.6	-5211.4	9362	10.5	195420.8	-5259.3	9452	10.3	200950.0	-5246.5
9273	10.0	194205.8	-5201.9	9363	10.5	195431.8	-5258.1	9453	11.8	200950.2	-5236.8
9274	9.8	194216.6	-5245.2	9364	9.7	195439.8	-5216.8	9454	8.7	201003.6	-5233.8
9275	10.0	194225.7	-5229.2	9365	10.0	195458.6	-5235.5	9455	9.6	201022.2	-5225.8
9276	9.7	194244.2	-5232.5	9366	10.0	195505.6	-5223.8	9456	11.5	201028.3	-5215.8
9277	10.0	194249.4	-5216.2	9367	10.0	195507.4	-5201.8	9457	8.4	201043.5	-5202.8
9278	10.0	194309.7	-5241.2	9368	9.7	195512.2	-5235.5	9458	8.8	201048.3	-5213.8
9279	9.3	194321.3	-5237.5	9369	8.8	195512.6	-5204.9	9459	11.5	201111.1	-5201.8
9280	10.0	194326.0	-5230.2	9370	10.0	195517.8	-5236.8	9460	10.0	201120.0	-5220.8
9281	10.0	194341.2	-5207.4	9371	9.1	195534.7	-5254.7	9461	11.8	201123.2	-5232.8
9282	9.0	194348.5	-5238.3	9372	10.0	195546.6	-5233.8	9462	11.5	201126.2	-5228.8
9283	9.8	194357.1	-5212.3	9373	10.0	195554.3	-5209.8	9463	9.8	201142.6	-5258.6
9284	9.8	194359.7	-5230.1	9374	9.9	195557.2	-5211.8	9464	11.5	201147.4	-5216.8
9285	10.0	194402.9	-5241.6	9375	10.0	195616.4	-5209.8	9465	10.5	201147.8	-5250.4
9466	10.3	201148.9	-5210.8								
9467	10.5	201200.0	-5244.6								
9468	11.5	201213.8	-5230.8								
9469	10.5	201220.9	-5238.8								
9470	10.8	201229.5	-5225.8								
9471	10.5	201237.7	-5231.8								
9472	11.0	201239.3	-5230.8								
9473	10.8	201250.0	-5208.8								
9474	10.5	201253.6	-5250.9								
9475	10.8	201306.9	-5218.8								
9476	11.5	201308.9	-5212.8								
9477	9.6	201325.0	-5228.8								
9478	10.0	201331.8	-5259.9								
9479	11.0	201332.5	-5200.8								
9480	9.7	201412.6	-5244.8								
9481	11.5	201422.1	-5244.8								
9482	9.0	201444.2	-5209.8								
9483	8.7	201451.8	-5206.9								
9484	9.7	201453.6	-5236.8								
9485	11.5	201506.9	-5204.8								
9486	10.8	201521.7	-5218.8								
9487	11.0	201536.4	-5232.8								
9488	9.6	201539.3	-5213.8								
9489	11.5	201541.6	-5203.8								
9490	11.5	201548.6	-5242.8								
9491	8.5	201555.7	-5244.5								
9492	10.0	201617.3	-5255.0								
9493	11.5	201622.7	-5224.8								
9494	11.0	201623.8	-5206.8								
9495	11.0	201626.7	-5204.8								
9496	11.5	201632.5	-5201.8								
9497	11.3	201701.3	-5250.8								
9498	11.0	201705.6	-5213.8								
9499	10.3	201713.8	-5210.8								
9500	11.0	201716.3	-5240.8								
9501	11.3	201720.3	-5219.8								
9502	10.8	201751.9	-5227.8								
9503	10.8	201752.5	-5222.8								
9504	10.8	201800.9	-5230.8								
9505	11.0	201811.0	-5229.8								
9506	11.0	201816.3	-5220.8								
9507	9.4	201828.5	-5250.8								
9508	11.5	201835.8	-5217.8								
9509	8.7	201839.8	-5248.2								
9510	8.1	201844.8	-5204.1								
9511	10.5	201847.0	-5234.0								
9512	10.0	201854.9	-5245.0								
9513	10.3	201906.2	-5252.0								
9514	10.5	201911.5	-5240.4								
9515	8.5	201918.1	-5248.4								
9516	9.3	201943.9	-5202.0								
9517	10.0	201953.8	-5219.0								
9518	11.3	201957.3	-5256.9								
9519	9.1	202027.8	-5210.8								
9520	10.0	202033.8	-5207.0								
9521	10.0	202042.1	-5247.0								
9522	10.0	202049.9	-5230.0								
9523	10.0	202051.4	-5204.0								
9524	10.8	202056.9	-5251.1								
9525	9.1	202058.4	-5209.3								
9526	10.0	202059.7	-5239.0								
9527	10.0	202102.6	-5245.0								
9528	10.0	202106.3	-5245.0								
9529	9.9	202140.3	-5220.2								
9530	10.0	202147.6	-5222.1								
9531	10.0	202152.0	-5231.1								
9532	10.0	202159.2	-5214.1								
9533	10.0	202229.9	-5240.1								
9534	10.0	202234.8	-5203.1								
9535	10.0	202239.1	-5222.1								
9536	10.0	202241.0	-5212.1								
9537	10.0	202241.8	-5244.1								
9538	10.0	202308.4	-5241.1								
9539	9.7	202309.4	-5222.1								
9540	10.0	202317.8	-5237.1								
9541	9.1	202332.0	-5222.1								
9542	9.8	202340.2	-5256.0								
9543	10.0	202343.3	-5215.1								
9544	9.8	202415.8	-5205.2								
9545	10.0	202424.6	-5225.1								
9546	10.0	202430.8	-5257.3								
9547	9.7	202434.2	-5229.1								
9548	9.9	202435.5	-5244.0								
9549	9.9	202447.8	-5252.0								
9550	10.0	202453.8	-5208.1								
9551	8.4	202503.5	-5226.1								
9552	10.0	202511.3	-5243.1								
9553	10.0	202512.4	-5246.1								
9554	10.0	202523.9	-5205.2								
9555	9.7	202602.0	-5232.2								

-52 9556 20h26m

-52 9915 21h25m

9556	8.1	202604.8	-5255.2	9646	10.0	203939.0	-5224.8	9736	9.8	205351.4	-5249.6
9557	10.0	202609.5	-5253.4	9647	10.0	203955.5	-5207.5	9737	10.0	205359.5	-5234.9
9558	10.0	202618.8	-5215.4	9648	10.0	204001.8	-5210.5	9738	9.9	205436.0	-5259.2
9559	10.0	202648.8	-5230.2	9649	8.0	204023.0	-5220.8	9739	9.0	205445.0	-5256.4
9560	9.2	202707.2	-5245.0	9650	10.0	204023.1	-5256.8	9740	9.9	205446.9	-5201.9
9561	10.0	202711.2	-5227.5	9651	10.0	204035.4	-5219.5	9741	9.9	205457.9	-5234.9
9562	10.0	202736.3	-5210.2	9652	10.0	204039.8	-5231.5	9742	10.0	205504.8	-5242.9
9563	10.0	202738.4	-5209.0	9653	9.2	204050.8	-5247.5	9743	8.2	205527.0	-5222.9
9564	10.0	202747.3	-5245.2	9654	10.0	204100.0	-5257.8	9744	10.0	205539.9	-5203.9
9565	10.0	202757.5	-5204.2	9655	10.0	204103.8	-5204.8	9745	10.0	205543.1	-5252.3
9566	9.4	202815.0	-5204.2	9656	10.0	204119.0	-5225.5	9746	10.0	205548.1	-5210.0
9567	9.8	202819.4	-5225.2	9657	8.6	204129.2	-5245.5	9747	10.0	205549.4	-5206.0
9568	10.0	202820.7	-5236.2	9658	10.0	204141.7	-5227.6	9748	10.0	205550.2	-5237.0
9569	10.0	202825.2	-5222.2	9659	10.0	204153.0	-5236.6	9749	10.0	205552.1	-5217.0
9570	10.0	202830.4	-5259.4	9660	9.6	204156.9	-5234.6	9750	8.6	205556.4	-5213.8
9571	9.9	202906.8	-5247.3	9661	10.0	204206.6	-5208.3	9751	10.0	205617.4	-5213.0
9572	8.8	202908.3	-5216.5	9662	10.0	204206.9	-5256.0	9752	8.8	205641.9	-5220.3
9573	10.0	202909.4	-5246.3	9663	10.0	204227.2	-5202.2	9753	10.0	205642.9	-5257.3
9574	10.0	202937.8	-5225.3	9664	6.0	204227.2	-5204.6	9754	10.0	205644.7	-5250.0
9575	10.0	202940.8	-5251.7	9665	10.0	204256.4	-5248.4	9755	9.9	205657.2	-5225.0
9576	9.9	202942.5	-5218.3	9666	10.0	204301.3	-5206.6	9756	8.0	205706.6	-5252.4
9577	10.0	202948.0	-5214.3	9667	10.0	204303.6	-5204.6	9757	10.0	205708.9	-5246.0
9578	10.0	202959.4	-5225.3	9668	10.0	204327.8	-5213.6	9758	9.7	205719.5	-5202.0
9579	10.0	203003.8	-5226.3	9669	10.0	204330.4	-5202.6	9759	9.3	205722.5	-5223.2
9580	8.3	203009.8	-5242.3	9670	10.0	204337.8	-5219.6	9760	10.0	205821.8	-5224.0
9581	10.0	203020.9	-5236.3	9671	10.0	204344.1	-5216.6	9761	10.0	205855.8	-5202.0
9582	10.0	203025.0	-5246.3	9672	7.3	204406.2	-5210.8	9762	10.0	205900.4	-5213.0
9583	10.0	203031.3	-5219.3	9673	9.3	204428.6	-5247.7	9763	9.9	205933.6	-5251.1
9584	9.9	203046.2	-5226.3	9674	10.0	204429.7	-5241.7	9764	10.0	205944.3	-5230.1
9585	10.0	203130.8	-5224.3	9675	9.4	204513.2	-5205.7	9765	9.8	205957.2	-5214.1
9586	10.0	203136.2	-5236.3	9676	8.4	204516.4	-5229.7	9766	10.0	210001.8	-5252.1
9587	9.1	203138.8	-5216.5	9677	7.7	204527.6	-5259.3	9767	10.0	210015.8	-5239.1
9588	10.0	203139.7	-5215.3	9678	9.5	204549.2	-5227.9	9768	10.0	210035.1	-5250.1
9589	10.0	203147.1	-5213.3	9679	10.0	204552.4	-5234.4	9769	9.9	210036.8	-5230.1
9590	10.0	203149.8	-5202.6	9680	9.9	204559.0	-5207.7	9770	10.0	210052.4	-5225.1
9591	8.8	203150.7	-5218.8	9681	7.0	204604.0	-5234.9	9771	10.0	210056.3	-5211.1
9592	10.0	203157.0	-5208.3	9682	10.0	204608.4	-5206.7	9772	10.0	210108.5	-5228.3
9593	7.7	203211.1	-5254.9	9683	9.6	204609.4	-5229.7	9773	10.0	210114.4	-5208.1
9594	10.0	203212.0	-5257.5	9684	10.0	204609.4	-5233.7	9774	10.0	210128.9	-5227.1
9595	10.0	203228.4	-5203.3	9685	9.3	204625.4	-5211.9	9775	10.0	210149.7	-5248.1
9596	10.0	203309.5	-5250.9	9686	10.0	204700.6	-5255.0	9776	9.7	210158.3	-5225.4
9597	8.6	203314.4	-5255.5	9687	9.2	204708.7	-5205.9	9777	10.0	210204.0	-5253.1
9598	9.7	203317.7	-5204.4	9688	10.0	204717.5	-5234.7	9778	10.0	210220.7	-5233.1
9599	10.0	203322.9	-5204.4	9689	10.0	204719.9	-5245.8	9779	7.1	210229.1	-5250.7
9600	10.0	203358.3	-5244.4	9690	10.0	204726.8	-5259.0	9780	10.0	210240.0	-5206.1
9601	9.6	203402.9	-5249.4	9691	10.0	204739.5	-5231.8	9781	8.7	210243.2	-5240.1
9602	10.0	203405.7	-5251.1	9692	10.0	204754.5	-5203.8	9782	10.0	210327.1	-5225.1
9603	10.0	203410.9	-5239.4	9693	10.0	204801.3	-5241.8	9783	9.2	210346.8	-5225.3
9604	9.6	203413.0	-5250.3	9694	10.0	204813.7	-5252.2	9784	9.4	210352.0	-5223.3
9605	7.5	203427.4	-5214.6	9695	10.0	204827.1	-5239.8	9785	10.0	210354.4	-5256.5
9606	10.0	203432.5	-5248.4	9696	10.0	204830.8	-5239.8	9786	9.5	210354.8	-5234.1
9607	10.0	203437.1	-5209.4	9697	10.0	204839.8	-5234.8	9787	7.3	210400.8	-5201.2
9608	10.0	203439.9	-5231.4	9698	9.9	204841.3	-5216.8	9788	8.6	210402.7	-5209.7
9609	10.0	203451.4	-5237.4	9699	10.0	204857.7	-5204.8	9789	10.0	210417.2	-5205.1
9610	5.0	203451.4	-5221.4	9700	9.9	204905.8	-5234.8	9790	10.0	210428.2	-5202.1
9611	10.0	203453.5	-5252.9	9701	10.0	204905.8	-5207.8	9791	9.9	210442.1	-5215.2
9612	10.0	203501.4	-5202.4	9702	10.0	204912.5	-5251.0	9792	10.0	210443.3	-5225.2
9613	10.0	203508.9	-5241.4	9703	10.0	204915.7	-5228.8	9793	10.0	210510.3	-5214.2
9614	9.4	203510.1	-5243.4	9704	10.0	204918.2	-5254.8	9794	9.9	210513.9	-5256.9
9615	10.0	203524.4	-5218.4	9705	9.9	204921.8	-5253.8	9795	10.5	210552.2	-5202.2
9616	10.0	203524.4	-5211.4	9706	10.0	204930.8	-5214.8	9796	11.0	210554.0	-5243.2
9617	9.9	203525.0	-5225.4	9707	10.0	204931.8	-5244.8	9797	11.0	210558.4	-5244.2
9618	10.0	203537.7	-5226.4	9708	10.0	204942.7	-5253.4	9798	10.5	210603.9	-5246.2
9619	10.0	203540.3	-5217.4	9709	10.0	204943.8	-5204.8	9799	11.0	210608.2	-5206.2
9620	9.8	203546.0	-5245.6	9710	10.0	205014.1	-5213.8	9800	10.0	210620.8	-5255.6
9621	10.0	203557.8	-5249.4	9711	8.0	205038.0	-5238.8	9801	11.0	210627.3	-5215.2
9622	10.0	203601.7	-5231.4	9712	10.0	205042.8	-5258.1	9802	10.8	210634.9	-5249.2
9623	10.0	203607.3	-5225.4	9713	9.9	205045.2	-5212.8	9803	9.7	210641.6	-5214.2
9624	9.9	203627.3	-5253.8	9714	10.0	205050.8	-5242.8	9804	10.0	210642.6	-5257.6
9625	9.8	203629.2	-5228.2	9715	10.0	205057.5	-5237.8	9805	10.8	210643.0	-5210.2
9626	10.0	203635.0	-5205.4	9716	10.0	205058.9	-5230.8	9806	11.0	210700.4	-5207.2
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9628	10.0	203646.8	-5223.4	9718	9.5	205101.4	-5222.0	9808	9.9	210713.9	-5211.2
9629	10.0	203658.8	-5233.2	9719	10.0	205102.9	-5208.6	9809	9.6	210725.5	-5221.3
9630	9.9	203701.4	-5256.7	9720	10.0	205125.3	-5237.6	9810	11.5	210743.4	-5233.3
9631	10.0	203702.2	-5257.9	9721	9.7	205137.2	-5210.0	9811	11.0	210745.5	-5243.3
9632	10.0	203710.6	-5221.4	9722	10.0	205141.3	-5236.9	9812	10.8	210807.6	-5246.6
9633	10.0	203714.3	-5231.4	9723	10.0	205150.0	-5250.9	9813	10.8	210809.8	-5216.5
9634	10.0	203721.6	-5210.2	9724	9.6	205151.5	-5228.6	9814	8.9	210813.8	-5237.3
9635	9.6	203722.7	-5245.3	9725	10.0	205156.8	-5201.9	9815	10.8	210824.2	-5232.3
9636	10.0	203729.1	-5236.4	9726	9.9	205201.2	-5214.9	9816	10.3	210832.2	-5243.8
9637	9.4	203740.2	-5257.7	9727	10.0	205218.1	-5222.7	9817	10.0	210832.5	-5258.6
9638	9.3	203742.3	-5251.4	9728	10.0	205234.7	-5242.9	9818	10.8	210835.1	-5245.3
9639	10.0	203746.3	-5202.7	9729	10.0	205241.1	-5212.9	9819	9.8	210909.6	-5210.6
9640	10.0	203838.3	-5243.6	9730	10.0	205304.0	-5216.9	9820	10.3	210924.0	-5253.0
9641	10.0	203847.3	-5249.5	9731	10.0	205313.2	-5257.2	9821	11.0	210933.8	-5223.3
9642	9.7	203926.0	-5227.3	9732	9.2	205318.0	-5246.9	9822	9.8	210943.6	-5233.3
9643	10.0	203930.3	-5253.5	9733	10.0	205330.7	-5223.9	9823	10.0	210948.6	-5200.3
9644	10.0	203930.3	-5224.5	9734	10.0	205345.9	-5211.9	9824	10.0	210950.0	-5259.5
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9846	11.0	211348.8	-5241.4								
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9850	10.0	211428.7	-5256.8								
9851	9.3	211448.9	-5218.8								
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9854	9.0	211512.9	-5246.2								
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9866	9.2	211722.9	-5220.8								
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9869	10.8	211810.5	-5211.5								
9870	11.5	211814.8	-5225.6								
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9872	11.0	211833.5	-5214.6								
9873	10.5	211844.9	-5244.8								
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9875	10.8	211852.3	-5252.6								
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9877	11.5	211859.0	-5222.6								
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9881	9.2	211940.9	-5224.6								
9882	10.3	211941.2	-5206.6								
9883	8.8	211954.3	-5248.3								
9884	11.0	211955.6	-5237.6								
9885	9.5	212007.9	-5214.6								
9886	11.5	212036.7	-5204.6								
9887	10.0	212037.9	-5257.1								
9888	9.8	212040.2	-5216.8								
9889	9.8	212040.6	-5212.8								
9890	10.8	212053.3	-5238.6								
9891	10.8	212103.5	-5202.6								
9892	10.8	212118.4	-5211.7								
9893	7.8	212125.3	-5240.7								
9894	11.5	212129.8	-5208.7								
9895	11.3	212133.8	-5220.7								
9896	10.0	212232.4	-5257.3								
9897	10.3	212257.0	-5232.7								
9898	10.8	212305.8	-5210.7								
9899	9.7	212310.8	-5238.4								
9900	11.0	212313.3	-5216.4								
9901	9.1	212329.1	-5237.6								
9902	11.0	212333.8	-5226.7								
9903	11.0	212336.0	-5216.4								
9904	10.8	212340.4	-5208.4								
9905	11.0	212342.0	-5209.4								
9906	11.0	212353.7	-5232.7								
9907	10.5	212355.1	-5253.6								
9908	10.5	212359.7	-5238.4								
9909	11.0	212402.2	-5236.4								
9910	11.5	212417.3	-5206.9								
9911	8.6	212457.0	-5258.9								
9912	9.6	212520.0	-5216.6								
9913	10.0	212530.8	-5218.7								
9914	9.3	212532.9	-5234.2								
9915	8.3	212540.7	-5231.9								

9916	8.5	212555.8	-5245.7	10006	11.5	214309.4	-5218.4	10096	10.3	220104.6	-5259.3
9917	7.1	212621.0	-5223.1	10007	11.8	214346.9	-5238.5	10097	9.3	220107.3	-5224.9
9918	10.5	212644.3	-5222.1	10008	9.5	214422.3	-5201.8	10098	10.5	220107.3	-5215.9
9919	11.0	212648.0	-5221.1	10009	11.5	214426.8	-5223.5	10099	8.3	220119.0	-5229.9
9920	11.0	212649.1	-5223.1	10010	11.5	214448.1	-5241.5	10100	11.0	220128.2	-5250.9
9921	9.5	212656.3	-5200.8	10011	11.5	214452.4	-5250.5	10101	10.0	220146.0	-5258.3
9922	10.3	212718.8	-5201.1	10012	11.0	214455.8	-5219.6	10102	10.5	220152.8	-5225.9
9923	9.4	212741.2	-5243.1	10013	11.3	214514.4	-5233.5	10103	9.7	220209.3	-5256.3
9924	11.0	212750.5	-5213.1	10014	11.5	214515.4	-5229.5	10104	7.5	220211.4	-5233.9
9925	9.9	212800.4	-5222.2	10015	11.0	214530.2	-5213.5	10105	11.0	220217.4	-5228.9
9926	11.0	212812.9	-5230.1	10016	11.3	214530.2	-5215.5	10106	11.0	220222.5	-5208.9
9927	10.3	212823.4	-5257.7	10017	10.8	214538.3	-5223.5	10107	11.3	220259.1	-5251.9
9928	10.3	212828.2	-5256.6	10018	11.5	214538.5	-5222.5	10108	11.5	220343.9	-5245.9
9929	9.4	212845.6	-5218.4	10019	11.3	214543.5	-5246.5	10109	10.5	220408.7	-5230.0
9930	9.9	212856.7	-5217.1	10020	11.3	214610.9	-5236.5	10110	10.0	220417.1	-5227.0
9931	11.0	212858.1	-5223.1	10021	11.0	214611.6	-5202.8	10111	8.9	220453.3	-5219.3
9932	9.3	212903.8	-5208.4	10022	10.8	214626.5	-5236.5	10112	10.8	220515.9	-5214.0
9933	10.5	212908.5	-5221.1	10023	9.6	214632.1	-5205.5	10113	7.8	220537.7	-5252.0
9934	10.8	212921.0	-5236.1	10024	9.3	214636.2	-5258.4	10114	11.3	220555.4	-5213.0
9935	10.5	212921.0	-5229.4	10025	11.5	214722.9	-5239.5	10115	9.8	220601.2	-5241.5
9936	10.0	212943.2	-5258.0	10026	11.5	214730.1	-5230.5	10116	9.2	220619.0	-5207.3
9937	10.8	212947.4	-5247.1	10027	10.0	214746.9	-5222.6	10117	9.6	220624.6	-5256.8
9938	9.3	213008.0	-5200.9	10028	9.4	214747.5	-5211.8	10118	11.5	220626.7	-5214.0
9939	11.0	213021.5	-5218.1	10029	10.3	214750.2	-5213.6	10119	10.8	220636.7	-5230.0
9940	10.3	213049.2	-5232.7	10030	7.5	214809.4	-5200.0	10120	10.0	220649.0	-5201.0
9941	10.5	213053.3	-5246.1	10031	9.8	214819.8	-5243.6	10121	7.6	220655.2	-5248.6
9942	7.9	213111.0	-5207.8	10032	8.8	214912.5	-5212.6	10122	11.3	220659.9	-5239.0
9943	6.3	213127.2	-5254.9	10033	9.8	214917.2	-5203.6	10123	8.3	220746.9	-5246.8
9944	11.0	213135.6	-5247.1	10034	10.3	214930.1	-5209.6	10124	11.3	220820.2	-5254.1
9945	11.0	213139.7	-5252.1	10035	11.3	214945.9	-5217.6	10125	11.3	220832.4	-5213.1
9946	10.3	213140.8	-5227.4	10036	11.3	214956.0	-5223.6	10126	9.8	220848.7	-5224.1
9947	10.5	213200.3	-5248.4	10037	11.0	215013.9	-5218.6	10127	8.0	220906.9	-5236.0
9948	10.5	213206.9	-5211.1	10038	10.8	215034.7	-5220.6	10128	10.8	220926.5	-5254.2
9949	10.3	213246.6	-5228.1	10039	11.3	215038.5	-5248.6	10129	10.8	220955.0	-5259.2
9950	11.0	213308.7	-5223.1	10040	9.8	215041.5	-5218.6	10130	9.8	221018.1	-5213.1
9951	10.0	213321.8	-5214.4	10041	10.5	215050.3	-5224.8	10131	11.5	221031.6	-5214.1
9952	10.8	213341.0	-5211.4	10042	11.3	215104.4	-5208.6	10132	11.5	221039.6	-5229.1
9953	10.8	213348.8	-5243.1	10043	11.8	215106.3	-5210.6	10133	11.5	221048.4	-5244.1
9954	9.0	213352.5	-5245.4	10044	11.5	215119.0	-5243.6	10134	8.8	221059.6	-5251.0
9955	11.0	213401.7	-5223.1	10045	11.3	215122.3	-5224.6	10135	9.7	221103.9	-5209.3
9956	11.3	213404.8	-5207.1	10046	10.5	215140.9	-5237.7	10136	10.3	221105.6	-5228.7
9957	11.0	213432.1	-5225.6	10047	7.7	215147.2	-5238.9	10137	10.3	221109.8	-5220.0
9958	9.2	213433.2	-5248.1	10048	8.1	215149.8	-5253.8	10138	10.0	221140.2	-5223.1
9959	10.5	213437.8	-5200.4	10049	8.0	215220.1	-5205.2	10139	11.5	221150.0	-5200.1
9960	9.6	213441.0	-5240.2	10050	11.0	215227.4	-5223.7	10140	9.6	221158.6	-5235.2
9961	10.8	213453.7	-5241.1	10051	8.5	215239.3	-5238.7	10141	9.5	221216.9	-5235.2
9962	9.3	213509.8	-5241.9	10052	10.5	215256.0	-5221.7	10142	11.5	221224.5	-5249.2
9963	9.9	213512.8	-5214.8	10053	9.8	215307.8	-5236.5	10143	10.8	221243.4	-5258.3
9964	11.5	213514.8	-5243.1	10054	9.9	215327.8	-5240.9	10144	11.0	221249.4	-5235.2
9965	10.0	213538.3	-5243.6	10055	10.8	215340.8	-5201.7	10145	11.0	221249.9	-5246.2
9966	9.7	213549.4	-5241.1	10056	11.8	215340.8	-5226.7	10146	11.3	221257.5	-5237.2
9967	10.3	213550.3	-5231.1	10057	10.3	215414.3	-5237.5	10147	7.8	221322.3	-5252.3
9968	11.0	213611.8	-5241.3	10058	10.0	215419.2	-5241.1	10148	11.5	221326.5	-5245.2
9969	9.6	213620.8	-5217.9	10059	9.1	215421.7	-5255.9	10149	11.3	221332.3	-5233.2
9970	10.0	213639.5	-5253.4	10060	10.8	215442.2	-5238.7	10150	10.0	221351.0	-5255.3
9971	9.5	213704.6	-5207.8	10061	11.5	215446.5	-5202.7	10151	9.8	221401.2	-5206.0
9972	11.5	213708.4	-5245.1	10062	11.5	215452.1	-5250.7	10152	9.6	221402.4	-5245.0
9973	10.8	213713.3	-5244.1	10063	10.0	215459.2	-5237.2	10153	10.8	221403.5	-5203.2
9974	10.8	213713.4	-5236.4	10064	9.9	215500.3	-5246.9	10154	10.0	221441.3	-5259.8
9975	11.3	213718.0	-5258.1	10065	10.8	215508.8	-5218.7	10155	8.4	221443.7	-5210.3
9976	11.3	213719.4	-5234.1	10066	10.8	215510.7	-5258.4	10156	9.6	221447.4	-5249.6
9977	9.1	213736.4	-5209.9	10067	11.5	215519.5	-5219.7	10157	8.4	221516.3	-5241.4
9978	9.2	213736.8	-5249.1	10068	10.8	215525.6	-5257.2	10158	10.8	221529.5	-5250.2
9979	10.3	213751.0	-5244.5	10069	11.3	215526.6	-5209.7	10159	11.0	221530.6	-5201.2
9980	11.3	213808.5	-5235.1	10070	10.8	215530.9	-5257.8	10160	11.3	221550.5	-5212.2
9981	11.0	213831.6	-5250.1	10071	10.5	215603.9	-5236.8	10161	10.3	221612.7	-5250.3
9982	10.8	213832.0	-5242.7	10072	8.2	215612.8	-5248.6	10162	9.8	221616.2	-5249.6
9983	11.5	213842.5	-5243.1	10073	10.0	215641.8	-5208.8	10163	8.6	221645.6	-5223.1
9984	11.3	213844.3	-5213.1	10074	10.8	215650.7	-5259.9	10164	10.5	221709.1	-5207.3
9985	9.7	213850.8	-5214.5	10075	8.3	215707.6	-5228.9	10165	10.8	221712.3	-5240.4
9986	8.7	213910.7	-5252.4	10076	10.3	215708.7	-5233.8	10166	7.5	221724.9	-5201.5
9987	11.3	213920.6	-5221.1	10077	9.2	215715.4	-5243.8	10167	11.0	221730.0	-5211.3
9988	10.8	213930.8	-5240.4	10078	9.8	215804.0	-5212.8	10168	11.5	221757.3	-5225.3
9989	11.3	213933.7	-5243.1	10079	11.0	215821.2	-5232.8	10169	9.5	221758.3	-5226.6
9990	10.8	214017.6	-5206.1	10080	10.8	215839.6	-5210.2	10170	9.9	221817.8	-5204.3
9991	11.3	214023.0	-5253.1	10081	11.0	215841.3	-5201.8	10171	11.0	221827.7	-5233.3
9992	10.5	214055.3	-5247.8	10082	11.3	215844.5	-5230.8	10172	10.8	221828.6	-5205.3
9993	11.5	214100.1	-5213.6	10083	11.5	215850.4	-5213.8	10173	9.9	221831.8	-5226.5
9994	11.3	214114.7	-5205.4	10084	10.8	215913.0	-5217.8	10174	11.0	221837.2	-5216.3
9995	10.8	214122.8	-5211.6	10085	10.3	215914.5	-5208.8	10175	10.3	221848.5	-5207.0
9996	9.3	214206.9	-5258.8	10086	8.8	215921.2	-5248.9	10176	10.5	221849.6	-5205.1
9997	11.5	214208.6	-5220.4	10087	8.7	215929.2	-5228.9	10177	11.0	221852.8	-5233.3
9998	11.5	214215.7	-5245.4	10088	11.0	215933.2	-5248.9	10178	11.0	221957.8	-5250.3
9999	11.0	214230.7	-5212.4	10089	11.0	215939.0	-5219.8	10179	11.0	221959.7	-5223.3
10000	9.9	214234.0	-5254.3	10090	11.0	215950.4	-5223.8	10180	11.3	222015.6	-5220.3
10001	9.7	214235.7	-5254.7	10091	10.3	220001.2	-5218.8	10181	8.4	222022.6	-5200.4
10002	11.0	214241.6	-5238.4	10092	11.5	220025.6	-5203.9	10182	11.3	222029.7	-5244.3
10003	9.5	214242.2	-5254.6	10093	10.5	220031.5	-5230.7	10183	7.4	222038.9	-5225.4
10004	10.8	214245.3	-5202.0	10094	9.2	220051.7	-5247.9	10184	9.8	222051.0	-5216.8
10005	11.3	214246.0	-5250.4	10095	9.7	220057.8	-5209.3	10185	10.5	222111.9	-5201.4
10186	11.5	222124.8	-5214.4								
10187	11.5	222126.6	-5204.4								
10188	8.6	222130.2	-5244.4								
10189	10.8	222225.0	-5249.0								
10190	8.3	222238.0	-5211.4								
10191	10.8	222259.7	-5243.4								
10192	10.5	222320.3	-5250.0								
10193	11.5	222320.7	-5209.4								
10194	10.8	222332.1	-5250.5								
10195	9.6	222335.2	-5243.4								
10196	10.0	222400.5	-5257.6								
10197	10.8	222405.1	-5245.1								
10198	9.3	222408.1	-5245.5								
10199	11.3	222459.5	-5215.5								
10200	11.3	222500.9	-5211.5								
10201	11.8	222507.5	-5216.5								
10202	11.0	222515.7	-5219.5								
10203	11.5	222518.2	-5229.5								
10204	11.0	222531.3	-5230.5								
10205	11.0	222534.8	-5253.5								
10206	11.3	222536.7	-5227.5								
10207	7.7	222552.8	-5201.5								
10208	9.7	222611.3	-5227.5								
10209	10.5	222619.3	-5228.5								
10210	11.3	222626.2	-5233.5								
10211	9.6	222631.7	-5206.5								
10212	11.5	222658.1	-5214.5								
10213	11.8	222711.0	-5219.5								
10214	10.5	222724.8	-5231.5								
10215	7.0	222749.1	-5214.5								
10216	10.5	222749.7	-5256.0								
10217	9.3	222816.0	-5217.8								
10218	11.3	222829.4	-5224.6								
10219	10.3	222847.5	-5255.6								
10220	9.7	222851.6	-5210.6								
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10223	10.0	223000.5	-5220.0								
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10225	10.5	223012.6	-5234.6								
10226	11.3	223018.3	-5207.6								
10227	11.0	223021.4	-5214.6								
10228	9.8	223058.4	-5249.2								
10229	10.0	223125.4	-5214.2								
10230	11.0	223132.9	-5249.6								
10231	11.0	223144.0	-5246.6								
10232	10.0	223145.9	-5244.9								
10233	10.3	223239.7	-5251.7								
10234	9.8	223251.9	-5211.7								
10235	10.5	223253.6	-5225.7								
10236	10.3	223307.9	-5231.7								
10237	7.8	223324.0	-5206.7								
10238	11.0	223330.3	-5254.7								
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10241	11.0	223359.3	-5233.7								
10242	11.3	223405.1	-5216.7								
10243	10.3	223412.9	-5205.7								
10244	11.0	223528.3	-5253.7								
10245	10.0	223530.0	-5247.7								
10246	9.8	223533.5	-5241.7								
10247	9.8	223536.3	-5215.7								
10248	11.3	223548.9	-5253.7								
10249	10.5	223630.4	-5206.8								
10250	10.5	223634.7	-5231.8								
10251	11.5	223636.5	-5247.8								
10252	10.3	223641.9	-5209.8								
10253	9.9	223647.0	-5240.8								
10254	10.8	223654.7	-5242.8								
10255	10.8	223656.4	-5246.8								
10256	10.5	223716.2	-5253.8								
10257	10.5	223731.0	-5254.4								
10258	10.8	223734.6	-5220.8								
10259	10.3	223736.1	-5253.8								
10260	9.0	223807.7	-5207.8								
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10263	9.7	223838.9	-5208.8								
10264	11.5	223839.6	-5247.8								
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10267	11.5	223900.8	-5246.8								
10268	9.7	223929.5	-5241.8								
10269	7.6	224030.3	-5209.9								
10270	9.9	224034.6	-5201.9								
10271	11.8	224123.2	-5247.9								
10272	8.6	224132.1	-5234.9								
10273	10.0	224136.5	-5236.5								
10274	11.5	224138.5	-5225.9								
10275	10.5	224155.6	-5255.8								

10276	9.9	224201.6	-5232.5	10366	9.7	230541.0	-5221.7	10456	10.0	232706.8	-5235.7	10546	10.3	235033.8	-5254.8
10277	11.3	224235.6	-5222.9	10367	10.0	230628.9	-5222.7	10457	10.5	232727.2	-5225.7	10547	8.5	235109.8	-5253.2
10278	11.3	224237.6	-5223.9	10368	8.3	230655.2	-5242.7	10458	10.0	232738.9	-5254.8	10548	10.0	235116.8	-5238.7
10279	11.0	224255.6	-5211.9	10369	10.5	230658.0	-5239.7	10459	10.5	232800.0	-5249.7	10549	10.5	235119.7	-5244.7
10280	10.8	224301.5	-5256.5	10370	11.0	230715.5	-5218.7	10460	10.8	232815.7	-5213.7	10550	11.0	235137.1	-5238.7
10281	9.9	224321.6	-5231.9	10371	11.0	230716.3	-5203.7	10461	10.5	232822.1	-5224.7	10551	11.0	235146.6	-5217.7
10282	10.3	224413.3	-5221.0	10372	10.0	230748.9	-5259.8	10462	10.5	232826.2	-5205.7	10552	10.8	235149.6	-5259.8
10283	8.8	224425.1	-5233.0	10373	9.9	230822.2	-5238.7	10463	10.5	232840.6	-5220.7	10553	11.0	235212.8	-5213.7
10284	9.2	224428.6	-5220.0	10374	11.0	230824.8	-5215.7	10464	8.0	232841.6	-5249.2	10554	10.8	235221.4	-5205.7
10285	9.4	224454.8	-5248.0	10375	10.5	230833.8	-5222.7	10465	8.6	232859.6	-5256.7	10555	10.3	235226.1	-5218.7
10286	8.0	224507.4	-5253.6	10376	7.1	230856.0	-5232.7	10466	10.5	232907.2	-5246.7	10556	10.3	235238.7	-5204.3
10287	9.1	224530.8	-5220.0	10377	10.0	230923.9	-5213.5	10467	10.0	233010.1	-5231.7	10557	10.5	235245.5	-5244.7
10288	9.6	224542.6	-5202.0	10378	10.0	230941.0	-5256.8	10468	10.5	233017.8	-5238.7	10558	9.0	235314.7	-5218.7
10289	9.2	224544.9	-5248.0	10379	8.4	230949.0	-5232 1	10469	10.0	233022.9	-5228.7	10559	8.0	235334.0	-5235.7
10290	10.5	224551.5	-5202.0	10380	11.3	231006.1	-5202 7	10470	10.0	233025.0	-5236.7	10560	10.8	235353.4	-5249.7
10291	9.5	224601.6	-5241.0	10381	11.0	231011.5	-5211.7	10471	10.5	233029.7	-5238.4	10561	9.9	235412.1	-5243.7
10292	9.8	224618.0	-5222.0	10382	11.5	231011.5	-5213.7	10472	7.8	233035.7	-5225.7	10562	10.8	235434.1	-5250.7
10293	10.5	224652.5	-5242.0	10383	10.5	231037.5	-5254.2	10473	9.4	233043.2	-5238.7	10563	10.3	235447.9	-5217.7
10294	10.0	224707.5	-5206.0	10384	8.7	231048.0	-5213.1	10474	9.3	233047.3	-5228.7	10564	10.8	235448.1	-5235.7
10295	10.8	224743.3	-5216.0	10385	10.5	231058.8	-5235.4	10475	9.5	233051.6	-5255.2	10565	11.0	235505.1	-5222.7
10296	11.0	224746.7	-5237.0	10386	10.5	231102.5	-5221.7	10476	10.5	233134.3	-5237.7	10566	9.7	235527.0	-5257.9
10297	10.8	224750.8	-5218.0	10387	11.0	231116.3	-5240.7	10477	10.3	233138.7	-5214.7	10567	10.5	235539.7	-5251.8
10298	10.8	224806.8	-5251.0	10388	10.5	231130.9	-5219.7	10478	10.0	233200.9	-5258.8	10568	9.0	235549.3	-5213.7
10299	11.0	224808.1	-5246.1	10389	11.0	231137.6	-5200.7	10479	10.8	233244.0	-5231.7	10569	10.3	235633.8	-5208.7
10300	9.1	224809.5	-5210.1	10390	10.8	231148.2	-5216.7	10480	9.4	233301.0	-5242.7	10570	11.0	235637.2	-5207.7
10301	10.8	224832.3	-5208.1	10391	9.1	231150.7	-5245.7	10481	7.6	233315.4	-5218.7	10571	10.5	235650.9	-5238.7
10302	9.7	224852.3	-5200.1	10392	9.8	231151.5	-5226.7	10482	10.3	233326.5	-5238.7	10572	11.0	235656.4	-5253.7
10303	11.3	224949.5	-5225.1	10393	11.0	231218.0	-5257.8	10483	9.1	233332.4	-5207.7	10573	8.4	235712.5	-5230.7
10304	11.5	224950.5	-5218.1	10394	11.0	231223.8	-5216.7	10484	10.5	233336.0	-5221.7	10574	11.3	235746.1	-5228.7
10305	9.7	225006.6	-5204.1	10395	11.5	231224.4	-5224.7	10485	10.0	233410.6	-5240.7	10575	11.3	235747.7	-5242.7
10306	10.8	225018.1	-5202.1	10396	10.5	231245.5	-5251.7	10486	9.1	233439.6	-5249.5	10576	10.3	235805.3	-5238.7
10307	8.9	225028.5	-5206.1	10397	8.6	231258.0	-5234.3	10487	8.7	233449.1	-5215.7	10577	7.5	235815.1	-5216.7
10308	10.0	225041.0	-5215.1	10398	10.5	231307.1	-5220.7	10488	11.0	233508.7	-5235.7	10578	10.3	235835.8	-5245.7
10309	10.8	225136.0	-5209.6	10399	9.1	231311.6	-5218.7	10489	10.5	233515.3	-5250.8	10579	11.5	235836.2	-5239.7
10310	11.0	225207.6	-5200.2	10400	10.3	231312.4	-5235.2	10490	9.9	233538.4	-5248.7	10580	7.2	235846.8	-5250.4
10311	8.8	225214.1	-5228.2	10401	11.0	231338.4	-5222.7	10491	9.5	233540.8	-5251.7	10581	10.0	235852.6	-5200.7
10312	7.1	225245.9	-5222.2	10402	10.5	231339.6	-5228.7	10492	10.5	233559.2	-5237.7	10582	11.0	235917.1	-5258.7
10313	10.3	225252.4	-5202.2	10403	9.7	231353.6	-5212.7	10493	10.5	233601.6	-5205.7	10583	11.0	235924.2	-5220.7
10314	10.8	225304.6	-5250.2	10404	10.3	231422.7	-5240.7	10494	9.7	233610.4	-5250.4	10584	10.5	235934.8	-5204.7
10315	11.0	225309.4	-5231.2	10405	9.5	231452.2	-5225.7	10495	9.1	233635.4	-5248.7	10585	10.0	235942.8	-5208.7
10316	11.0	225310.3	-5233.2	10406	9.8	231502.2	-5218.3	10496	10.8	233649.8	-5242.8	1	8.2	00006.2	-5338.0
10317	10.5	225310.7	-5227.6	10407	11.0	231509.2	-5228.7	10497	8.0	233650.5	-5201.7	2	10.0	00013.9	-5302.0
10318	9.3	225311.0	-5256.4	10408	10.8	231524.5	-5211.7	10498	11.0	233722.7	-5235.7	3	11.0	00028.1	-5341.6
10319	10.8	225315.6	-5235.2	10409	10.5	231535.5	-5205.7	10499	11.0	233757.9	-5237.7	4	9.6	00047.1	-5331.0
10320	11.0	225325.4	-5201.2	10410	11.5	231548.3	-5223.7	10500	10.8	233759.6	-5247.7	5	11.5	00047.6	-5351.6
10321	10.5	225332.0	-5255.2	10411	9.5	231629.2	-5230.7	10501	10.8	233840.2	-5200.7	6	9.9	00101.9	-5313.6
10322	10.0	225335.8	-5235.7	10412	10.3	231649.1	-5246.7	10502	10.8	233845.8	-5216.7	7	10.5	00223.7	-5329.0
10323	9.8	225349.7	-5259.4	10413	10.3	231709.6	-5211.1	10503	9.0	233852.0	-5240.7	8	8.2	00225.9	-5301.0
10324	11.3	225400.7	-5239.2	10414	5.5	231711.7	-5234.7	10504	7.8	233900.8	-5255.7	9	9.4	00242.1	-5343.8
10325	8.2	225420.5	-5246.2	10415	10.5	231807.1	-5254.7	10505	10.5	233918.7	-5246.7	10	11.0	00312.5	-5358.6
10326	8.1	225422.0	-5208.2	10416	11.0	231840.9	-5249.7	10506	11.0	234016.4	-5227.7	11	10.3	00329.5	-5341.0
10327	10.5	225422.9	-5254.4	10417	11.0	231847.4	-5205.7	10507	9.5	234023.5	-5224.7	12	11.5	00347.9	-5349.6
10328	10.5	225430.7	-5227.2	10418	10.8	231847.4	-5206.7	10508	11.0	234029.4	-5248.7	13	11.0	00357.0	-5303.0
10329	8.0	225443.6	-5258.3	10419	10.5	231902.2	-5247.7	10509	11.0	234035.9	-5241.7	14	9.5	00403.1	-5355.6
10330	11.3	225514.7	-5215.2	10420	10.5	231908.4	-5247.7	10510	7.5	234108.2	-5253.8	15	10.3	00406.4	-5310.0
10331	11.0	225527.4	-5225.2	10421	9.9	231940.8	-5251.4	10511	10.5	234122.5	-5259.8	16	9.9	00407.0	-5303.6
10332	10.3	225549.7	-5227.2	10422	9.1	231949.5	-5202.7	10512	11.0	234131.6	-5207.7	17	11.0	00422.0	-5302.0
10333	9.9	225559.4	-5224.2	10423	9.0	231952.6	-5252.2	10513	8.8	234207.9	-5210.7	18	10.8	00427.7	-5321.4
10334	10.5	225705.6	-5208.3	10424	8.4	232024.6	-5258.8	10514	11.0	234208.9	-5212.7	19	9.5	00507.0	-5348.8
10335	8.3	225719.1	-5227.3	10425	10.3	232028.5	-5215.7	10515	10.8	234226.3	-5206.7	20	9.9	00534.5	-5303.0
10336	11.3	225721.4	-5223.3	10426	9.6	232058.0	-5258.8	10516	8.2	234234.3	-5200.7	21	11.5	00606.1	-5351.7
10337	11.0	225739.4	-5212.3	10427	10.8	232101.4	-5223.7	10517	8.5	234250.2	-5258.8	22	10.8	00609.4	-5318.0
10338	11.3	225743.0	-5212.6	10428	9.7	232112.0	-5228.7	10518	11.0	234336.1	-5200.7	23	8.6	00616.6	-5301.4
10339	11.5	225743.0	-5240.6	10429	10.8	232112.2	-5215.7	10519	11.0	234345.6	-5249.7	24	9.2	00629.5	-5348.2
10340	8.5	225743.2	-5202.0	10430	10.5	232112.3	-5214.7	10520	9.8	234356.9	-5241.7	25	8.6	00734.8	-5316.0
10341	11.5	225806.0	-5242.6	10431	11.0	232125.5	-5240.7	10521	7.7	234357.6	-5223.2	26	8.4	00739.4	-5314.0
10342	11.5	225831.9	-5254.6	10432	9.4	232147.1	-5254.8	10522	10.0	234436.6	-5210.7	27	10.8	00806.8	-5350.8
10343	9.8	225853.6	-5256.6	10433	9.0	232148.8	-5206.7	10523	11.0	234454.0	-5240.7	28	9.8	00820.7	-5327.5
10344	9.5	225901.0	-5220.6	10434	10.5	232148.8	-5238.7	10524	10.8	234455.0	-5220.7	29	10.0	00829.7	-5328.9
10345	8.6	225927.8	-5249.6	10435	9.8	232204.9	-5225.7	10525	11.0	234505.7	-5210.7	30	10.3	00849.4	-5348.1
10346	9.5	230018.0	-5210.6	10436	8.7	232220.8	-5215.7	10526	10.5	234511.8	-5225.7	31	11.0	00908.7	-5357.7
10347	9.7	230035.0	-5205.6	10437	9.8	232232.1	-5253.8	10527	10.8	234549.4	-5214.7	32	10.8	00924.6	-5337.9
10348	8.6	230102.5	-5225.6	10438	10.3	232257.3	-5253.7	10528	9.1	234603.0	-5231.7	33	11.0	00928.3	-5309.5
10349	8.2	230141.3	-5236.1	10439	10.3	232258.8	-5229.7	10529	10.8	234616.8	-5258.8	34	10.8	00929.4	-5349.7
10350	10.8	230156.7	-5255.8	10440	10.5	232337.2	-5241.7	10530	11.0	234622.3	-5243.7	35	9.4	00948.8	-5354.7
10351	10.3	230200.2	-5239.6	10441	10.5	232347.3	-5259.8	10531	9.5	234758.9	-5232.7	36	7.5	01038.5	-5320.9
10352	10.3	230209.4	-5205.6	10442	10.8	232349.4	-5258.8	10532	9.5	234802.6	-5215.7	37	9.5	01044.5	-5323.9
10353	10.5	230209.5	-5255.8	10443	8.6	232413.4	-5222.7	10533	10.8	234803.6	-5231.7	38	10.5	01055.4	-5308.9
10354	10.8	230213.7	-5253.9	10444	10.3	232428.6	-5257.8	10534	10.5	234816.2	-5223.7	39	11.0	01122.7	-5344.2
10355	9.8	230236.5	-5217.6	10445	10.5	232441.9	-5214.7	10535	11.5	234839.0	-5220.7	40	9.9	01126.4	-5330.4
10356	9.7	230336.6	-5248.0	10446	10.5	232446.2	-5200.7	10536	11.0	234859.2	-5205.7	41	8.5	01200.1	-5338.9
10357	10.0	230347.0	-5242.6	10447	10.5	232459.7	-5214.7	10537	8.3	234904.3	-5203.7	42	9.5	01209.0	-5327.9
10358	10.8	230349.8	-5208.6	10448	9.6	232516.2	-5257.8	10538	11.0	234922.3	-5223.7	43	9.5	01217.7	-5313.9
10359	11.0	230355.5	-5221.6	10449	10.5	232519.2	-5255.8	10539	9.2	234948.3	-5239.7	44	11.0	01217.7	-5355.8
10360	11.0	230453.4	-5225.6	10450	9.2	232535.1	-5238.7	10540	10.5	234949.9	-5232.7	45	10.8	01223.3	-5308.9
10361	11.0	230458.6	-5228.6	10451	10.5	232554.7	-5244.7	10541	10.8	235011.6	-5251.0	46	10.0	01230.2	-5311.4
10362	10.5	230503.9	-5220.6	10452	10.5	232614.3	-5210.7	10542	11.0	235014.4	-5227.7	47	11.5	01242.0	-5320.9
10363	10.5	230529.3	-5236.6	10453	10.8	232634.9	-5228.7	10543	11.0	235016.6	-5248.7	48	11.0	01243.8	-5300.9
10364	10.5	230534.8	-5230.6	10454	8.5	232648.5	-5225.3	10544	10.0	235026.4	-5243.7	49	10.3	01252.7	-5354.8
10365	8.5	230541.0	-5221.2	10455	10.0	232649.7	-5238.7	10545	10.0	235030.2	-5242.7	50	11.0	01303.3	-5303.9

-53 51 0h13m

-53 410 2h02m

51	9.8	01329.9 -5335.9	141	8.7	03630.7 -5313.7	231	9.3	10448.9 -5324.5	321	11.0	13617.3 -5341.0
52	10.0	01344.3 -5308.9	142	9.0	03630.7 -5314.7	232	9.5	10500.4 -5324.5	322	11.5	13623.7 -5319.0
53	11.5	01354.2 -5352.8	143	10.0	03630.8 -5301.7	233	8.6	10510.5 -5328.5	323	8.3	13643.0 -5334.0
54	10.5	01356.3 -5342.4	144	9.6	03656.6 -5349.4	234	11.0	10631.3 -5337.0	324	11.0	13728.0 -5325.0
55	10.5	01408.8 -5349.2	145	10.0	03739.8 -5359.3	235	9.6	10745.6 -5314.5	325	10.8	13808.2 -5323.0
56	11.3	01414.4 -5355.8	146	9.4	03744.7 -5354.3	236	11.0	10748.2 -5358.2	326	11.0	13819.2 -5340.0
57	10.5	01419.5 -5323.3	147	10.5	03745.4 -5330.7	237	10.8	10750.6 -5344.4	327	11.5	13842.0 -5335.0
58	11.0	01422.0 -5321.9	148	10.3	03759.2 -5310.7	238	10.8	10758.1 -5314.8	328	11.5	13930.7 -5347.0
59	11.3	01448.7 -5314.9	149	9.7	03807.7 -5311.7	239	10.8	10803.1 -5315.7	329	9.3	14000.0 -5358.0
60	11.0	01449.4 -5336.5	150	10.5	03811.3 -5308.7	240	11.0	10804.1 -5359.2	330	10.8	14001.4 -5334.9
61	10.5	01453.0 -5328.9	151	9.6	03828.2 -5314.7	241	10.3	10810.6 -5311.5	331	11.0	14006.2 -5301.9
62	10.3	01454.3 -5341.9	152	9.5	03839.8 -5301.7	242	9.2	10840.1 -5348.3	332	10.8	14009.7 -5341.9
63	10.8	01457.5 -5322.9	153	7.8	03844.3 -5331.7	243	7.5	10906.0 -5347.3	333	10.8	14016.0 -5353.0
64	10.5	01501.3 -5342.9	154	9.9	03848.1 -5300.7	244	9.4	10911.8 -5332.4	334	10.8	14039.9 -5302.9
65	11.3	01510.8 -5305.9	155	10.5	03909.9 -5334.7	245	10.8	10932.3 -5357.2	335	10.3	14050.1 -5319.9
66	9.5	01527.7 -5312.9	156	8.8	03922.8 -5355.3	246	10.0	11005.3 -5337.3	336	9.8	14110.1 -5316.9
67	10.3	01546.2 -5353.8	157	9.9	03934.7 -5344.5	247	10.8	11042.7 -5340.9	337	11.0	14150.2 -5301.9
68	9.9	01618.4 -5308.9	158	10.5	04038.0 -5326.7	248	10.8	11054.1 -5354.2	338	9.8	14237.8 -5337.9
69	8.1	01644.2 -5354.9	159	10.3	04105.5 -5324.7	249	9.7	11204.2 -5303.9	339	9.9	14259.0 -5348.7
70	9.4	01650.3 -5311.9	160	9.6	04116.7 -5303.7	250	8.6	11223.4 -5347.8	340	11.5	14312.2 -5319.9
71	11.0	01826.1 -5356.9	161	9.4	04127.2 -5344.5	251	10.0	11230.6 -5313.3	341	10.5	14335.6 -5358.5
72	10.0	01910.4 -5308.9	162	10.3	04134.7 -5351.3	252	10.8	11239.6 -5313.3	342	11.4	14347.5 -5316.9
73	9.7	01920.1 -5328.9	163	9.7	04140.2 -5313.7	253	11.0	11316.2 -5303.3	343	9.0	14355.3 -5304.9
74	9.7	01934.0 -5325.9	164	10.0	04231.8 -5359.3	254	9.8	11352.1 -5316.3	344	9.1	14419.4 -5356.5
75	10.5	01950.5 -5335.9	165	10.3	04244.5 -5327.3	255	9.7	11427.2 -5340.3	345	9.1	14424.4 -5337.9
76	9.6	01958.8 -5354.9	166	9.9	04250.2 -5313.7	256	11.0	11440.6 -5314.3	346	9.4	14439.9 -5331.9
77	8.9	02008.1 -5323.9	167	9.3	04333.3 -5306.7	257	11.0	11456.1 -5345.3	347	11.0	14509.8 -5333.9
78	10.5	02130.5 -5333.8	168	9.6	04453.9 -5335.6	258	9.1	11505.1 -5318.3	348	9.6	14528.9 -5323.9
79	9.8	02130.8 -5317.8	169	10.5	04506.9 -5337.6	259	9.4	11510.6 -5312.3	349	10.5	14550.6 -5329.9
80	9.3	02136.3 -5317.8	170	8.6	04512.6 -5301.6	260	11.3	11518.4 -5324.2	350	10.5	14601.2 -5313.9
81	7.5	02201.5 -5338.8	171	10.5	04549.3 -5319.6	261	9.9	11540.1 -5346.7	351	10.5	14618.1 -5313.9
82	9.3	02218.1 -5323.8	172	9.9	04615.0 -5318.6	262	8.6	11540.3 -5308.2	352	9.8	14659.8 -5333.9
83	9.4	02221.5 -5334.8	173	10.5	04617.0 -5307.6	263	9.7	11623.4 -5356.1	353	11.5	14700.1 -5306.9
84	10.3	02230.0 -5333.8	174	9.6	04627.0 -5314.6	264	10.0	11647.8 -5357.1	354	10.8	14718.7 -5304.9
85	10.8	02246.0 -5337.8	175	10.3	04635.6 -5340.8	265	9.8	11720.6 -5317.2	355	11.5	14721.2 -5312.9
86	9.1	02251.4 -5344.8	176	10.5	04637.5 -5310.2	266	10.3	11725.1 -5310.2	356	10.8	14723.6 -5357.5
87	10.0	02311.1 -5300.1	177	10.8	04656.0 -5325.6	267	10.8	11750.4 -5320.2	357	11.0	14727.1 -5341.9
88	9.3	02314.5 -5335.8	178	9.7	04657.7 -5330.6	268	11.5	11804.3 -5332.8	358	10.3	14730.1 -5314.9
89	10.0	02320.9 -5341.1	179	9.7	04728.7 -5305.6	269	11.5	11820.2 -5300.6	359	8.1	14819.1 -5317.9
90	9.6	02330.4 -5308.8	180	10.5	04806.0 -5318.6	270	10.3	11847.6 -5317.2	360	8.3	14851.8 -5351.7
91	9.7	02330.9 -5340.8	181	10.0	04809.9 -5359.3	271	9.3	11900.6 -5309.2	361	9.6	14854.1 -5355.5
92	11.0	02347.5 -5350.0	182	9.7	04819.7 -5305.6	272	9.6	11901.2 -5342.2	362	11.5	14902.7 -5325.9
93	10.5	02408.0 -5336.2	183	10.3	04829.9 -5323.2	273	9.5	11936.9 -5327.2	363	9.7	15021.8 -5326.8
94	10.8	02409.1 -5323.8	184	10.0	04834.8 -5349.0	274	10.0	12006.1 -5353.1	364	10.0	15059.7 -5336.8
95	10.5	02412.6 -5334.8	185	9.9	04922.7 -5355.3	275	11.0	12030.0 -5359.1	365	9.6	15108.3 -5326.8
96	9.7	02428.9 -5341.8	186	9.8	04953.2 -5306.6	276	11.0	12036.0 -5350.1	366	11.0	15145.6 -5312.8
97	10.5	02445.1 -5321.2	187	6.4	05019.9 -5352.3	277	9.1	12044.5 -5347.1	367	10.5	15156.1 -5317.8
98	10.0	02531.9 -5303.8	188	10.0	05027.4 -5327.6	278	10.5	12101.5 -5308.1	368	10.0	15156.1 -5319.8
99	7.3	02540.0 -5348.1	189	9.8	05034.5 -5349.4	279	11.0	12130.7 -5331.1	369	11.0	15219.3 -5329.8
100	9.9	02541.3 -5334.8	190	9.2	05041.6 -5315.6	280	10.5	12145.7 -5357.1	370	11.5	15219.6 -5306.8
101	10.0	02542.6 -5317.8	191	10.8	05121.7 -5300.6	281	11.3	12145.8 -5325.1	371	9.4	15226.4 -5314.8
102	10.3	02612.4 -5327.8	192	10.3	05142.9 -5326.6	282	9.4	12303.0 -5317.6	372	10.0	15254.3 -5352.4
103	9.7	02634.7 -5342.8	193	9.9	05211.6 -5313.6	283	10.3	12304.5 -5347.1	373	9.9	15324.8 -5313.8
104	9.6	02703.8 -5338.8	194	10.0	05237.8 -5334.6	284	11.0	12334.7 -5333.1	374	10.8	15326.1 -5301.8
105	8.6	02730.8 -5353.0	195	10.3	05317.4 -5325.2	285	8.9	12428.2 -5308.1	375	11.5	15424.5 -5314.8
106	9.8	02730.9 -5324.8	196	10.8	05403.2 -5300.0	286	7.3	12429.6 -5301.1	376	9.8	15510.1 -5346.6
107	10.8	02732.3 -5334.8	197	10.3	05409.4 -5324.0	287	10.5	12430.7 -5334.1	377	9.7	15541.5 -5338.8
108	10.8	02802.9 -5320.8	198	10.0	05450.2 -5355.3	288	9.2	12434.0 -5308.1	378	11.5	15603.3 -5306.8
109	6.3	02830.7 -5303.8	199	9.1	05454.3 -5330.6	289	9.5	12440.3 -5326.5	379	10.0	15614.5 -5339.8
110	9.8	02842.7 -5305.8	200	7.0	05511.0 -5315.6	290	7.0	12517.5 -5308.1	380	9.3	15639.8 -5312.8
111	9.3	02844.4 -5310.8	201	10.8	05552.8 -5329.6	291	10.3	12548.9 -5315.1	381	10.3	15654.5 -5330.8
112	9.0	02857.3 -5357.1	202	8.2	05616.1 -5359.3	292	9.1	12645.7 -5334.1	382	11.5	15654.7 -5316.8
113	11.5	02906.8 -5350.1	203	10.8	05620.4 -5322.5	293	10.5	12706.8 -5355.1	383	11.5	15706.7 -5314.8
114	9.5	02909.9 -5320.8	204	8.2	05621.4 -5350.3	294	10.5	12738.6 -5308.4	384	9.8	15715.7 -5320.8
115	10.8	02929.4 -5321.8	205	9.6	05630.3 -5334.5	295	10.8	12739.5 -5353.1	385	10.5	15718.6 -5325.8
116	9.7	02942.4 -5311.8	206	10.8	05649.6 -5311.5	296	9.1	12751.4 -5315.0	386	10.5	15719.8 -5310.8
117	10.3	03016.1 -5346.8	207	9.8	05657.6 -5343.2	297	11.5	12800.0 -5335.0	387	10.3	15727.0 -5338.5
118	10.0	03018.1 -5313.8	208	10.0	05709.7 -5304.2	298	11.0	12832.7 -5359.1	388	11.0	15801.1 -5346.6
119	9.6	03029.1 -5309.8	209	10.0	05816.3 -5333.5	299	11.8	12838.3 -5334.0	389	7.9	15801.7 -5307.8
120	9.5	03033.6 -5315.8	210	10.0	05816.3 -5355.3	300	11.5	12921.0 -5340.0	390	11.3	15803.0 -5352.4
121	9.5	03052.7 -5300.8	211	10.8	05906.1 -5318.5	301	7.6	13046.6 -5351.0	391	9.7	15807.6 -5333.8
122	10.3	03116.0 -5346.3	212	9.9	05919.2 -5340.0	302	9.2	13050.0 -5315.0	392	7.6	15826.7 -5337.9
123	8.1	03129.7 -5342.5	213	10.5	05949.1 -5348.2	303	10.8	13057.2 -5307.0	393	10.8	15843.3 -5347.4
124	10.3	03228.7 -5307.7	214	9.1	05958.3 -5330.5	304	11.5	13111.3 -5316.0	394	11.0	15905.4 -5340.8
125	11.0	03231.4 -5327.7	215	10.0	10025.6 -5353.3	305	10.8	13120.2 -5309.0	395	11.8	15936.8 -5321.8
126	10.0	03233.7 -5303.7	216	9.3	10046.3 -5329.5	306	9.5	13123.6 -5352.0	396	11.5	15937.1 -5300.8
127	10.3	03236.6 -5312.7	217	10.5	10054.2 -5359.2	307	9.6	13303.3 -5336.0	397	11.0	15941.4 -5332.8
128	8.6	03242.9 -5305.2	218	9.9	10106.3 -5332.5	308	11.5	13307.9 -5323.0	398	10.0	15953.6 -5355.4
129	7.9	03306.3 -5301.1	219	9.8	10158.8 -5332.5	309	10.8	13316.3 -5344.0	399	11.8	15958.2 -5329.8
130	8.1	03306.3 -5313.7	220	10.0	10201.2 -5340.8	310	11.0	13344.0 -5327.0	400	11.5	20003.2 -5334.8
131	8.9	03322.9 -5317.7	221	10.3	10220.2 -5359.2	311	10.5	13357.9 -5321.6	401	11.3	20007.0 -5344.8
132	9.7	03341.5 -5357.3	222	10.3	10236.7 -5305.5	312	10.3	13359.7 -5345.0	402	11.8	20025.7 -5320.8
133	8.9	03419.8 -5331.3	223	8.5	10241.4 -5322.5	313	10.5	13405.7 -5343.0	403	11.0	20029.2 -5331.8
134	8.4	03453.0 -5301.7	224	8.5	10252.4 -5320.5	314	11.0	13418.9 -5312.0	404	9.1	20048.6 -5328.8
135	11.0	03453.6 -5320.7	225	10.5	10317.6 -5313.5	315	10.3	13458.8 -5340.0	405	11.5	20124.7 -5310.8
136	6.8	03502.8 -5354.0	226	10.3	10400.2 -5359.2	316	11.0	13521.0 -5340.0	406	11.3	20131.2 -5306.8
137	10.5	03505.6 -5344.7	227	10.3	10405.2 -5306.5	317	11.5	13528.5 -5327.0	407	11.0	20209.5 -5332.8
138	10.0	03519.3 -5343.7	228	10.0	10410.8 -5329.5	318	10.8	13550.6 -5335.0	408	11.0	20209.6 -5337.8
139	9.0	03613.6 -5353.3	229	9.8	10422.2 -5301.5	319	9.7	13557.6 -5303.0	409	9.8	20228.5 -5355.4
140	10.0	03614.7 -5312.7	230	10.3	10445.0 -5359.2	320	10.8	13615.1 -5326.0	410	8.2	20249.9 -5347.6

-53 411 2h02m

-53 770 3h43m

411	11.3	20258.0	-5346.8	501	10.0	22732.3	-5345.3	591	11.0	25105.2	-5305.4	681	9.7	31740.5	-5352.6
412	11.0	20310.2	-5356.3	502	10.0	22739.5	-5344.5	592	10.0	25112.1	-5358.9	682	8.4	31748.6	-5318.4
413	9.7	20407.6	-5350.5	503	10.0	22745.5	-5342.3	593	10.8	25126.6	-5351.3	683	9.8	31749.4	-5344.3
414	11.5	20425.6	-5325.7	504	10.0	22753.5	-5342.5	594	9.9	25154.5	-5336.8	684	9.7	31803.7	-5343.7
415	9.8	20449.3	-5313.7	505	10.0	22815.1	-5357.5	595	10.0	25242.9	-5357.3	685	9.6	31813.1	-5319.4
416	9.4	20454.6	-5346.5	506	10.0	22818.1	-5353.5	596	9.6	25249.6	-5340.3	686	9.6	31850.1	-5322.2
417	9.3	20454.6	-5323.7	507	9.9	22822.5	-5316.3	597	9.3	25325.0	-5354.3	687	9.6	31925.5	-5352.6
418	9.7	20504.1	-5319.7	508	10.0	22834.6	-5337.3	598	9.5	25345.0	-5338.3	688	10.0	31936.5	-5351.8
419	7.7	20512.3	-5352.3	509	10.0	22907.8	-5357.5	599	10.5	25346.6	-5325.3	689	10.3	31938.6	-5306.6
420	11.5	20514.1	-5343.7	510	10.0	22920.4	-5303.3	600	10.5	25405.8	-5323.3	690	10.8	32005.0	-5300.3
421	9.7	20549.5	-5353.3	511	10.0	22932.3	-5310.3	601	10.5	25427.5	-5307.2	691	9.6	32021.0	-5352.5
422	10.0	20607.4	-5307.7	512	10.0	23029.9	-5340.2	602	10.0	25441.3	-5356.3	692	11.0	32100.1	-5322.3
423	11.0	20619.1	-5314.7	513	10.0	23035.9	-5309.2	603	10.5	25444.1	-5338.2	693	11.0	32204.9	-5313.3
424	10.0	20624.9	-5359.3	514	10.0	23041.4	-5303.2	604	11.0	25522.9	-5301.2	694	9.5	32301.9	-5336.3
425	11.0	20630.3	-5318.7	515	10.0	23046.2	-5311.2	605	11.0	25558.9	-5314.2	695	8.9	32333.4	-5359.6
426	9.9	20633.5	-5339.7	516	9.2	23049.9	-5341.2	606	11.0	25608.5	-5327.2	696	9.4	32437.8	-5333.2
427	10.0	20702.7	-5358.3	517	10.0	23101.6	-5333.1	607	10.8	25646.9	-5327.2	697	11.0	32504.7	-5314.2
428	10.0	20714.5	-5334.6	518	9.7	23120.1	-5327.1	608	10.3	25700.4	-5317.2	698	11.0	32520.1	-5321.2
429	10.0	20729.5	-5331.6	519	10.0	23130.1	-5322.1	609	10.3	25710.3	-5313.2	699	11.0	32528.7	-5318.2
430	11.5	20733.7	-5310.6	520	8.8	23132.7	-5325.1	610	10.5	25736.8	-5340.1	700	9.6	32543.9	-5356.3
431	10.0	20739.5	-5332.6	521	8.5	23156.0	-5335.8	611	11.0	25742.6	-5301.1	701	10.5	32603.6	-5344.0
432	11.3	20743.3	-5314.6	522	10.0	23208.0	-5323.1	612	10.8	25809.8	-5310.1	702	11.0	32607.1	-5302.0
433	10.5	20747.8	-5311.6	523	9.9	23222.4	-5304.1	613	9.8	25815.0	-5349.1	703	11.0	32637.2	-5336.1
434	8.5	20814.3	-5304.6	524	9.1	23258.4	-5340.8	614	11.0	25821.3	-5301.1	704	11.0	32641.7	-5337.1
435	11.3	20814.4	-5302.6	525	9.7	23303.4	-5306.1	615	11.0	25822.5	-5318.1	705	10.0	32714.3	-5356.3
436	8.6	20822.7	-5356.3	526	5.1	23317.2	-5305.1	616	10.3	25837.3	-5339.1	706	11.0	32718.7	-5332.1
437	8.8	20830.9	-5358.3	527	9.2	23323.1	-5325.1	617	9.7	25841.9	-5324.7	707	9.5	32721.3	-5313.3
438	11.3	20836.0	-5334.6	528	10.0	23324.2	-5337.1	618	10.5	25850.8	-5339.1	708	9.7	32731.4	-5345.9
439	11.3	20839.8	-5337.6	529	9.6	23344.0	-5303.1	619	10.8	25933.4	-5348.6	709	10.0	32742.4	-5355.3
440	11.0	20840.1	-5314.6	530	10.0	23347.8	-5328.1	620	11.0	25943.8	-5332.1	710	10.5	32818.8	-5330.9
441	10.5	20852.8	-5315.6	531	9.7	23400.0	-5332.1	621	11.0	30033.5	-5314.0	711	11.0	32829.5	-5335.8
442	10.3	20944.5	-5339.6	532	10.0	23420.0	-5312.1	622	8.1	30101.4	-5319.0	712	10.5	32901.0	-5342.9
443	10.3	20954.1	-5319.6	533	10.0	23431.3	-5346.2	623	8.7	30103.2	-5302.4	713	9.5	32923.4	-5337.9
444	10.3	21010.8	-5356.3	534	8.7	23440.2	-5329.5	624	10.0	30108.2	-5352.0	714	11.0	32947.0	-5335.0
445	10.8	21036.5	-5345.3	535	9.3	23441.0	-5329.6	625	11.0	30119.8	-5335.0	715	9.5	32950.5	-5350.3
446	9.4	21040.6	-5302.6	536	9.9	23501.1	-5336.1	626	10.3	30120.4	-5314.2	716	11.0	32955.0	-5342.0
447	11.5	21042.9	-5342.6	537	8.7	23502.6	-5341.1	627	9.7	30139.5	-5320.0	717	10.8	32957.8	-5322.0
448	11.5	21043.4	-5306.6	538	7.8	23503.7	-5328.1	628	9.9	30149.4	-5320.6	718	10.3	33027.7	-5337.0
449	10.5	21118.8	-5300.6	539	9.4	23532.3	-5348.2	629	11.0	30153.1	-5302.0	719	9.5	33038.8	-5346.1
450	9.9	21129.5	-5336.6	540	10.0	23600.4	-5352.3	630	11.0	30223.6	-5311.0	720	8.5	33116.9	-5356.2
451	7.4	21142.1	-5327.6	541	9.0	23626.1	-5321.0	631	9.7	30232.2	-5348.6	721	9.9	33121.6	-5302.0
452	8.4	21147.3	-5358.3	542	10.0	23630.6	-5307.0	632	10.8	30235.2	-5334.0	722	10.0	33207.7	-5357.2
453	10.3	21149.5	-5336.6	543	7.9	23726.9	-5350.3	633	8.6	30238.2	-5304.0	723	10.0	33218.0	-5352.2
454	11.5	21207.3	-5337.6	544	10.0	23745.1	-5332.0	634	10.5	30240.2	-5300.3	724	7.8	33219.7	-5336.9
455	11.0	21207.7	-5308.6	545	10.0	23844.0	-5349.3	635	10.0	30244.8	-5348.4	725	9.4	33237.4	-5359.2
456	9.6	21234.8	-5343.8	546	10.0	23844.5	-5355.3	636	10.5	30329.0	-5344.9	726	7.5	33303.3	-5311.3
457	10.0	21440.9	-5342.5	547	8.3	23846.0	-5330.6	637	11.0	30330.7	-5335.6	727	8.0	33339.9	-5329.2
458	9.1	21458.0	-5346.4	548	10.0	23856.1	-5357.3	638	10.0	30338.7	-5353.0	728	9.7	33355.9	-5354.1
459	10.8	21515.9	-5325.5	549	10.0	23902.1	-5354.3	639	9.9	30342.4	-5321.9	729	11.0	33401.4	-5336.5
460	10.8	21534.6	-5305.5	550	8.1	23935.8	-5323.0	640	10.8	30346.8	-5313.2	730	10.5	33440.1	-5329.5
461	10.5	21632.0	-5334.5	551	9.4	23949.2	-5328.0	641	11.5	30348.4	-5320.9	731	11.0	33454.2	-5312.5
462	7.6	21638.2	-5332.5	552	10.0	24000.8	-5345.0	642	10.8	30410.8	-5318.2	732	9.4	33506.2	-5329.5
463	9.4	21643.3	-5316.5	553	10.0	24006.2	-5343.1	643	11.0	30411.8	-5314.9	733	9.1	33510.7	-5302.5
464	11.0	21752.9	-5339.5	554	6.1	24010.2	-5306.0	644	11.0	30506.5	-5327.9	734	10.8	33540.8	-5328.5
465	10.8	21753.1	-5321.5	555	9.6	24019.6	-5306.5	645	8.8	30514.9	-5322.9	735	10.8	33547.9	-5312.5
466	10.3	21810.8	-5311.5	556	10.0	24026.9	-5328.0	646	10.3	30536.2	-5349.4	736	8.9	33605.2	-5354.1
467	10.8	21812.9	-5340.5	557	8.3	24029.9	-5319.0	647	9.3	30632.7	-5355.9	737	9.9	33605.3	-5346.5
468	9.4	21837.5	-5331.5	558	10.0	24046.4	-5307.0	648	10.8	30636.7	-5331.8	738	7.3	33622.9	-5318.8
469	10.8	21842.5	-5338.5	559	10.0	24108.3	-5315.9	649	10.5	30644.7	-5334.6	739	10.5	33640.7	-5309.5
470	11.5	21850.1	-5307.5	560	8.9	24114.9	-5314.9	650	9.6	30645.8	-5313.8	740	10.3	33647.8	-5307.7
471	9.8	21856.8	-5310.5	561	9.7	24135.0	-5353.1	651	9.9	30725.3	-5312.8	741	10.3	33648.8	-5319.5
472	11.0	21902.7	-5346.2	562	10.0	24136.5	-5313.9	652	10.5	30741.4	-5322.0	742	8.8	33652.6	-5307.6
473	10.0	21948.0	-5359.7	563	10.0	24146.8	-5333.9	653	11.0	30742.8	-5311.8	743	10.3	33659.8	-5330.4
474	8.1	21948.4	-5322.5	564	10.0	24202.1	-5327.9	654	9.7	30751.8	-5319.5	744	8.1	33710.5	-5305.7
475	10.0	22035.3	-5328.8	565	9.1	24359.6	-5337.8	655	8.6	30756.4	-5321.5	745	10.3	33710.5	-5333.4
476	10.0	22048.0	-5316.8	566	10.0	24457.8	-5301.8	656	10.0	30808.4	-5353.9	746	10.0	33737.7	-5354.0
477	10.0	22049.1	-5320.4	567	9.4	24530.0	-5305.8	657	11.0	30859.6	-5323.7	747	9.8	33738.4	-5329.2
478	9.3	22049.9	-5331.4	568	8.2	24545.4	-5316.5	658	11.0	30915.0	-5312.5	748	10.5	33748.3	-5343.0
479	8.4	22139.6	-5331.4	569	11.0	24607.7	-5313.5	659	11.0	30922.3	-5309.7	749	10.8	33754.2	-5314.4
480	10.0	22151.9	-5314.4	570	11.0	24615.1	-5340.5	660	8.5	31001.9	-5307.9	750	9.7	33754.8	-5338.4
481	9.4	22202.7	-5351.0	571	11.0	24629.4	-5306.5	661	9.2	31010.4	-5347.4	751	9.7	33840.7	-5302.4
482	10.0	22219.6	-5328.4	572	9.4	24651.4	-5330.5	662	10.8	31033.1	-5312.7	752	10.8	33904.1	-5304.4
483	8.4	22220.4	-5352.5	573	10.0	24655.0	-5353.1	663	11.0	31057.7	-5310.7	753	11.0	33904.8	-5314.4
484	10.0	22224.8	-5319.4	574	9.7	24703.0	-5343.3	664	11.0	31117.5	-5329.0	754	10.8	33906.5	-5302.0
485	10.0	22247.1	-5320.4	575	9.9	24710.8	-5331.5	665	10.5	31117.6	-5327.3	755	11.0	33914.1	-5329.4
486	10.0	22256.9	-5312.4	576	9.6	24713.7	-5325.5	666	10.8	31124.6	-5325.6	756	9.3	33914.9	-5340.4
487	9.3	22307.5	-5349.5	577	8.0	24714.6	-5333.5	667	10.3	31209.0	-5350.3	757	9.3	34040.7	-5355.0
488	10.0	22426.9	-5336.4	578	9.5	24716.7	-5301.5	668	11.0	31246.0	-5324.6	758	11.0	34118.6	-5334.3
489	9.0	22440.2	-5302.4	579	8.4	24747.0	-5303.8	669	8.6	31310.1	-5323.3	759	8.9	34123.9	-5337.5
490	10.0	22452.8	-5322.4	580	9.7	24829.4	-5345.2	670	11.0	31342.7	-5332.6	760	9.5	34131.9	-5320.7
491	10.0	22543.1	-5354.5	581	11.0	24834.2	-5300.4	671	9.3	31427.5	-5318.5	761	10.0	34148.5	-5305.3
492	10.0	22550.1	-5357.5	582	8.3	24836.6	-5323.4	672	9.6	31516.1	-5312.3	762	11.0	34206.6	-5339.3
493	10.0	22617.0	-5339.3	583	9.3	24841.7	-5335.4	673	11.0	31533.7	-5305.5	763	10.8	34207.3	-5324.3
494	10.0	22622.0	-5349.5	584	9.7	24847.0	-5304.1	674	11.5	31537.3	-5334.5	764	11.0	34220.7	-5312.3
495	10.0	22635.7	-5300.3	585	10.0	24915.1	-5355.0	675	10.0	31541.5	-5344.5	765	10.0	34230.4	-5357.9
496	10.0	22644.1	-5344.3	586	11.0	24923.9	-5329.4	676	10.0	31547.4	-5357.6	766	10.5	34231.9	-5309.3
497	10.0	22651.2	-5343.6	587	9.8	24929.0	-5305.4	677	9.3	31715.9	-5300.0	767	11.0	34236.0	-5304.3
498	10.0	22715.5	-5307.3	588	9.5	24942.9	-5302.1	678	10.3	31723.4	-5332.6	768	10.8	34242.5	-5324.3
499	10.0	22724.9	-5303.3	589	10.5	24951.3	-5341.4	679	8.7	31728.3	-5330.5	769	11.0	34254.5	-5320.3
500	10.0	22727.1	-5316.3	590	10.0	24956.6	-5358.0	680	9.9	31740.1	-5323.8	770	10.0	34318.8	-5332.3

-53 771 3h43m

-53 1130 5h11m

771	9.9	34332.0	-5312.3	861	11.0	40613.6	-5303.5	951	8.5	42721.4	-5343.7	1041	7.0	44807.9	-5340.7
772	9.8	34357.9	-5322.3	862	9.5	40632.5	-5315.5	952	10.0	42730.5	-5316.9	1042	8.0	44809.2	-5340.6
773	9.9	34403.6	-5348.0	863	9.3	40645.5	-5309.5	953	9.8	42751.6	-5316.9	1043	11.0	44810.3	-5306.0
774	10.8	34404.4	-5326.3	864	11.0	40709.8	-5320.5	954	9.4	42908.5	-5357.7	1044	9.9	44817.7	-5305.6
775	10.8	34419.6	-5304.3	865	11.0	40711.2	-5336.5	955	10.3	42936.1	-5304.8	1045	9.1	44833.0	-5337.1
776	11.0	34421.2	-5328.3	866	9.8	40716.6	-5308.5	956	10.0	42948.8	-5311.8	1046	11.0	44843.8	-5311.1
777	9.5	34450.7	-5359.8	867	10.5	40721.5	-5314.0	957	11.0	43000.3	-5357.7	1047	11.0	44857.5	-5329.1
778	8.2	34531.8	-5334.0	868	9.6	40725.0	-5308.5	958	10.5	43026.9	-5349.7	1048	11.0	44938.4	-5339.0
779	9.6	34533.2	-5307.3	869	9.2	40728.5	-5354.8	959	10.0	43028.6	-5313.8	1049	10.0	45010.6	-5339.0
780	9.7	34539.1	-5318.3	870	10.5	40732.0	-5346.8	960	9.8	43030.2	-5351.4	1050	10.0	45023.6	-5354.6
781	7.7	34608.4	-5337.2	871	10.0	40742.5	-5354.8	961	10.0	43036.4	-5326.8	1051	10.0	45027.1	-5323.0
782	11.0	34619.5	-5336.2	872	9.7	40800.0	-5344.0	962	10.5	43037.0	-5328.8	1052	10.0	45032.3	-5305.0
783	10.8	34641.6	-5336.2	873	10.0	40850.6	-5350.5	963	10.5	43046.3	-5302.8	1053	9.6	45042.2	-5351.6
784	9.8	34651.6	-5348.8	874	7.1	40855.7	-5343.8	964	10.0	43050.3	-5306.8	1054	9.9	45130.5	-5344.0
785	9.4	34654.3	-5317.5	875	10.0	40909.1	-5313.4	965	9.7	43052.9	-5319.6	1055	8.5	45159.0	-5307.0
786	9.4	34704.5	-5302.0	876	11.0	40940.3	-5317.4	966	11.0	43057.0	-5354.7	1056	10.5	45241.4	-5319.9
787	10.3	34717.4	-5320.2	877	9.5	40953.7	-5330.2	967	10.5	43059.9	-5358.7	1057	10.5	45337.8	-5306.8
788	10.5	34730.0	-5348.1	878	10.5	41016.0	-5346.0	968	10.3	43135.1	-5313.0	1058	8.3	45341.3	-5311.1
789	9.8	34750.8	-5331.1	879	9.7	41018.0	-5309.4	969	10.3	43146.0	-5319.8	1059	10.3	45342.9	-5302.5
790	9.2	34801.7	-5359.7	880	10.5	41033.7	-5314.4	970	9.7	43146.3	-5339.2	1060	7.7	45402.0	-5302.8
791	9.1	34836.9	-5317.7	881	10.5	41041.5	-5345.4	971	10.3	43147.4	-5307.8	1061	9.6	45404.1	-5327.1
792	9.9	34838.3	-5332.1	882	9.6	41045.3	-5320.2	972	9.9	43153.8	-5300.5	1062	9.4	45438.8	-5311.8
793	10.8	34856.0	-5304.1	883	9.9	41054.2	-5338.2	973	9.9	43211.9	-5340.4	1063	8.4	45456.6	-5335.0
794	10.0	34915.9	-5321.6	884	10.0	41108.0	-5323.4	974	9.5	43236.8	-5303.7	1064	10.0	45508.9	-5302.8
795	10.0	34933.3	-5356.7	885	9.0	41200.6	-5319.4	975	9.8	43237.0	-5306.7	1065	11.0	45521.5	-5344.8
796	9.9	34934.9	-5326.5	886	7.8	41224.1	-5355.4	976	10.0	43237.0	-5342.7	1066	10.3	45532.6	-5332.8
797	9.4	34936.9	-5317.0	887	10.5	41237.2	-5344.3	977	11.0	43242.8	-5329.4	1067	9.7	45645.5	-5353.1
798	9.9	34948.3	-5337.6	888	10.5	41242.3	-5355.4	978	7.9	43243.1	-5347.7	1068	9.5	45656.4	-5343.2
799	10.5	35035.4	-5345.6	889	7.3	41243.7	-5338.3	979	9.3	43300.0	-5353.6	1069	10.5	45756.4	-5337.7
800	9.7	35040.4	-5329.0	890	10.0	41249.9	-5359.4	980	8.7	43305.8	-5330.2	1070	10.8	45800.3	-5317.7
801	11.0	35052.0	-5326.0	891	9.3	41404.2	-5318.3	981	10.5	43356.5	-5353.6	1071	9.5	45813.7	-5359.0
802	10.8	35053.3	-5346.6	892	9.3	41404.3	-5320.7	982	9.8	43426.4	-5348.4	1072	8.5	45819.7	-5311.5
803	11.0	35056.2	-5319.0	893	11.0	41409.9	-5340.3	983	11.0	43458.3	-5313.7	1073	10.3	45837.9	-5323.7
804	6.5	35117.3	-5303.1	894	8.6	41416.2	-5350.2	984	9.9	43501.7	-5358.5	1074	10.3	45838.2	-5304.7
805	10.5	35142.2	-5356.2	895	9.7	41421.1	-5354.3	985	11.0	43515.4	-5347.5	1075	10.5	45853.5	-5302.7
806	11.0	35142.9	-5323.0	896	10.5	41423.0	-5333.3	986	11.0	43529.4	-5312.6	1076	9.9	45904.2	-5315.6
807	8.3	35149.3	-5332.0	897	7.4	41510.6	-5312.3	987	11.0	43533.7	-5319.6	1077	10.8	45949.2	-5300.6
808	10.3	35159.0	-5352.6	898	10.8	41521.5	-5302.3	988	11.0	43556.4	-5353.5	1078	9.9	45949.8	-5303.6
809	9.0	35308.2	-5317.9	899	6.3	41535.2	-5309.6	989	10.5	43615.3	-5317.6	1079	10.8	50105.8	-5310.6
810	10.0	35312.4	-5326.2	900	9.1	41540.2	-5345.4	990	10.5	43632.3	-5326.6	1080	10.0	50118.5	-5331.7
811	9.7	35313.4	-5328.1	901	9.8	41540.3	-5328.3	991	9.4	43635.5	-5312.6	1081	10.0	50126.4	-5311.5
812	10.5	35313.4	-5332.9	902	8.5	41550.4	-5350.7	992	11.0	43638.8	-5309.6	1082	9.6	50128.2	-5315.8
813	11.0	35332.8	-5354.1	903	8.3	41558.2	-5314.5	993	9.5	43658.3	-5323.8	1083	10.5	50129.0	-5304.5
814	8.9	35352.4	-5335.9	904	10.0	41609.4	-5312.2	994	9.4	43715.6	-5311.6	1084	10.3	50136.1	-5350.7
815	7.7	35357.7	-5306.3	905	11.0	41618.4	-5358.2	995	11.0	43721.2	-5319.6	1085	9.8	50209.5	-5318.5
816	10.0	35430.0	-5353.1	906	10.8	41623.6	-5309.2	996	9.3	43737.0	-5317.0	1086	11.0	50231.1	-5318.5
817	10.3	35501.6	-5346.2	907	8.3	41653.0	-5315.2	997	11.0	43742.7	-5307.4	1087	9.3	50239.3	-5326.5
818	10.3	35525.6	-5314.8	908	10.0	41731.6	-5342.0	998	9.8	43749.0	-5301.6	1088	9.9	50241.0	-5344.3
819	10.0	35554.4	-5323.3	909	11.0	41743.1	-5318.2	999	10.3	43758.4	-5308.4	1089	9.9	50243.5	-5302.3
820	10.5	35559.3	-5321.8	910	11.0	41757.2	-5357.2	1000	9.5	43804.6	-5351.4	1090	10.8	50304.3	-5321.5
821	11.0	35606.5	-5322.8	911	9.3	41758.3	-5314.2	1001	11.0	43828.9	-5306.4	1091	10.0	50311.7	-5332.5
822	10.8	35610.4	-5316.8	912	10.5	41811.4	-5300.2	1002	11.0	43833.1	-5314.4	1092	9.6	50319.2	-5345.0
823	10.3	35613.2	-5310.5	913	10.5	41903.5	-5300.1	1003	11.0	43843.0	-5318.4	1093	10.3	50320.5	-5301.6
824	9.6	35701.8	-5303.8	914	10.5	41917.2	-5300.1	1004	9.7	43916.1	-5350.4	1094	10.3	50352.7	-5353.9
825	10.5	35701.8	-5340.8	915	10.5	41923.2	-5308.1	1005	9.6	43944.7	-5337.4	1095	10.0	50400.4	-5337.6
826	9.3	35715.6	-5353.1	916	10.5	41931.8	-5340.1	1006	11.0	43955.6	-5345.4	1096	9.8	50427.2	-5314.6
827	10.5	35730.1	-5324.8	917	10.5	41950.8	-5356.1	1007	9.5	44010.1	-5354.1	1097	7.7	50455.8	-5343.4
828	9.8	35733.1	-5351.0	918	9.0	42001.7	-5349.8	1008	11.0	44015.7	-5304.3	1098	10.0	50512.7	-5302.4
829	10.8	35757.7	-5318.8	919	10.8	42018.3	-5336.2	1009	9.9	44018.1	-5354.3	1099	10.0	50515.0	-5358.9
830	9.0	35758.4	-5329.8	920	9.6	42038.4	-5319.1	1010	10.8	44025.7	-5330.1	1100	11.0	50516.0	-5318.4
831	10.0	35759.8	-5308.6	921	10.3	42040.4	-5327.7	1011	10.5	44029.0	-5316.3	1101	9.7	50520.5	-5311.4
832	9.5	35807.9	-5331.8	922	10.3	42113.7	-5338.1	1012	11.0	44040.2	-5301.3	1102	10.0	50520.5	-5325.6
833	10.5	35835.2	-5348.0	923	9.9	42131.7	-5356.0	1013	11.0	44053.1	-5327.3	1103	10.0	50522.5	-5329.4
834	11.0	35838.9	-5332.8	924	10.0	42138.8	-5338.8	1014	9.4	44054.0	-5355.3	1104	9.5	50526.7	-5309.4
835	9.3	35846.2	-5353.0	925	9.8	42157.4	-5323.1	1015	9.0	44140.4	-5329.3	1105	10.3	50543.9	-5330.4
836	8.7	35904.3	-5358.0	926	10.3	42211.3	-5332.1	1016	10.5	44234.5	-5352.3	1106	10.0	50548.5	-5337.4
837	10.3	35909.2	-5341.8	927	9.7	42211.4	-5321.3	1017	11.0	44241.0	-5340.3	1107	9.3	50558.1	-5323.6
838	10.0	35949.5	-5347.2	928	10.8	42212.4	-5315.1	1018	9.2	44244.7	-5339.3	1108	11.0	50621.9	-5301.3
839	7.7	40029.3	-5316.0	929	7.2	42229.4	-5323.4	1019	11.0	44247.7	-5310.3	1109	9.6	50626.9	-5351.8
840	11.0	40140.4	-5333.7	930	10.3	42251.2	-5347.0	1020	11.0	44306.6	-5309.3	1110	10.0	50707.4	-5343.3
841	11.0	40144.9	-5316.7	931	9.9	42301.2	-5354.9	1021	11.0	44306.6	-5333.3	1111	11.0	50714.4	-5357.8
842	10.8	40225.1	-5322.7	932	10.0	42306.2	-5302.0	1022	10.5	44320.7	-5324.3	1112	8.4	50724.4	-5340.8
843	10.0	40244.5	-5358.9	933	9.8	42319.5	-5301.0	1023	10.5	44325.4	-5309.2	1113	9.9	50742.2	-5301.2
844	10.5	40250.9	-5351.4	934	9.7	42319.8	-5337.0	1024	11.0	44337.1	-5320.2	1114	10.3	50808.9	-5300.3
845	9.8	40309.5	-5350.0	935	10.0	42330.2	-5357.9	1025	9.2	44411.8	-5350.8	1115	10.5	50849.2	-5357.5
846	10.8	40316.4	-5323.6	936	9.5	42339.8	-5339.0	1026	10.5	44421.9	-5315.2	1116	10.5	50902.8	-5314.2
847	8.4	40330.5	-5318.6	937	10.5	42339.8	-5300.0	1027	9.4	44437.2	-5320.2	1117	10.5	50916.7	-5318.2
848	10.5	40357.2	-5348.9	938	8.4	42344.8	-5358.9	1028	11.0	44445.5	-5337.2	1118	10.5	50919.7	-5311.2
849	11.0	40409.8	-5310.6	939	10.3	42407.0	-5322.0	1029	11.0	44450.5	-5338.2	1119	10.0	50952.4	-5326.5
850	9.6	40418.8	-5320.8	940	9.9	42424.3	-5335.0	1030	10.0	44454.9	-5310.8	1120	9.4	50958.8	-5353.7
851	10.5	40444.0	-5342.9	941	7.9	42426.9	-5341.0	1031	11.0	44514.7	-5337.2	1121	10.0	50959.2	-5348.6
852	10.5	40448.0	-5344.9	942	10.8	42528.3	-5348.9	1032	11.0	44529.4	-5301.2	1122	10.5	51002.0	-5345.7
853	10.0	40450.3	-5322.6	943	10.5	42624.3	-5323.0	1033	10.3	44541.3	-5351.7	1123	10.0	51023.5	-5322.2
854	10.0	40452.1	-5328.6	944	10.0	42629.4	-5330.4	1034	10.0	44541.5	-5329.0	1124	10.5	51027.3	-5321.2
855	10.5	40452.9	-5348.6	945	10.0	42634.7	-5304.9	1035	10.5	44640.8	-5318.1	1125	10.8	51048.3	-5320.2
856	10.8	40458.7	-5303.6	946	10.8	42649.7	-5300.9	1036	10.5	44650.8	-5313.1	1126	10.8	51057.0	-5324.2
857	10.0	40516.1	-5355.9	947	7.8	42651.2	-5315.1	1037	8.6	44708.8	-5329.9	1127	7.7	51057.0	-5307.2
858	9.3	40519.5	-5309.8	948	9.6	42703.0	-5343.9	1038	10.3	44750.5	-5358.7	1128	10.3	51105.4	-5347.8
859	10.5	40601.6	-5306.5	949	10.8	42706.1	-5345.9	1039	11.0	44752.6	-5348.1	1129	10.8	51115.9	-5317.2
860	11.0	40603.7	-5311.5	950	9.4	42714.4	-5318.9	1040	11.0	44807.1	-5306.1	1130	10.8	51135.6	-5320.1

1131	10.0	51138.4	-5319.0	1221	10.3	53019.7	-5318.6	1311	8.2	54852.0	-5341.1
1132	10.5	51208.3	-5351.6	1222	11.0	53032.0	-5357.6	1312	11.0	54900.7	-5344.9
1133	10.5	51208.6	-5316.0	1223	9.8	53037.5	-5303.1	1313	10.8	54912.7	-5300.1
1134	8.5	51229.1	-5314.0	1224	9.5	53055.0	-5339.4	1314	9.4	54914.0	-5303.1
1135	9.6	51248.2	-5346.7	1225	10.5	53131.4	-5334.4	1315	10.5	54927.8	-5319.2
1136	9.7	51301.7	-5305.1	1226	9.7	53233.6	-5354.4	1316	10.3	55004.3	-5319.1
1137	10.5	51319.6	-5345.6	1227	9.8	53236.4	-5313.8	1317	11.0	55017.8	-5340.1
1138	10.3	51339.8	-5334.1	1228	9.8	53309.6	-5330.3	1318	10.5	55021.3	-5303.7
1139	10.0	51342.1	-5352.5	1229	9.0	53320.6	-5305.3	1319	10.5	55021.8	-5308.3
1140	8.8	51350.0	-5327.8	1230	10.5	53411.9	-5309.3	1320	9.4	55132.8	-5314.1
1141	9.1	51352.7	-5306.1	1231	10.3	53419.5	-5314.3	1321	8.8	55134.8	-5343.4
1142	10.3	51357.0	-5305.1	1232	10.3	53426.6	-5351.8	1322	10.5	55148.6	-5331.4
1143	9.9	51433.1	-5316.3	1233	10.3	53428.8	-5311.3	1323	10.3	55154.9	-5309.0
1144	10.5	51435.2	-5308.0	1234	8.4	53440.6	-5346.4	1324	7.9	55208.2	-5336.0
1145	9.0	51442.6	-5352.5	1235	9.9	53500.5	-5327.3	1325	9.0	55221.3	-5333.0
1146	9.0	51525.8	-5332.7	1236	7.5	53500.5	-5336.3	1326	10.8	55227.8	-5307.8
1147	9.9	51526.9	-5325.0	1237	9.5	53501.6	-5334.3	1327	10.5	55228.3	-5314.0
1148	9.5	51528.6	-5350.5	1238	9.9	53511.4	-5311.0	1328	10.5	55231.0	-5345.0
1149	9.4	51534.4	-5332.0	1239	9.9	53544.0	-5302.2	1329	10.5	55240.3	-5319.6
1150	9.8	51544.3	-5334.8	1240	9.8	53603.7	-5303.2	1330	9.3	55241.5	-5346.2
1151	9.9	51603.7	-5304.0	1241	10.3	53608.6	-5332.5	1331	9.2	55251.8	-5333.4
1152	10.3	51616.9	-5326.2	1242	10.8	53612.8	-5333.2	1332	10.5	55252.7	-5329.0
1153	9.9	51622.6	-5309.0	1243	10.8	53641.5	-5354.5	1333	10.3	55301.5	-5334.4
1154	9.1	51643.7	-5302.9	1244	9.6	53647.1	-5310.2	1334	9.7	55302.0	-5355.7
1155	10.0	51654.6	-5317.1	1245	11.0	53652.4	-5349.5	1335	10.8	55335.2	-5348.6
1156	9.7	51712.3	-5334.4	1246	10.3	53655.7	-5325.2	1336	10.3	55351.5	-5351.9
1157	9.7	51720.9	-5323.1	1247	10.5	53710.1	-5351.5	1337	8.8	55356.5	-5335.2
1158	10.5	51744.9	-5307.9	1248	10.5	53711.0	-5355.2	1338	10.0	55428.8	-5313.0
1159	11.0	51748.3	-5353.4	1249	9.8	53713.4	-5321.2	1339	7.7	55430.4	-5326.0
1160	9.9	51819.3	-5353.4	1250	10.5	53728.9	-5315.1	1340	6.7	55435.4	-5326.4
1161	10.5	51839.5	-5311.9	1251	10.5	53750.5	-5327.1	1341	10.5	55441.2	-5325.0
1162	9.5	51845.4	-5327.9	1252	9.6	53754.3	-5317.1	1342	10.3	55449.9	-5308.3
1163	7.6	51853.4	-5325.9	1253	10.3	53800.9	-5324.1	1343	10.3	55501.1	-5344.6
1164	9.7	51853.7	-5356.3	1254	7.6	53801.2	-5317.1	1344	9.2	55501.9	-5324.8
1165	9.1	51855.5	-5305.1	1255	8.4	53801.2	-5308.1	1345	10.3	55524.3	-5313.1
1166	10.3	51904.7	-5306.9	1256	10.5	53802.5	-5346.2	1346	9.5	55527.0	-5332.3
1167	10.8	51905.8	-5348.3	1257	10.5	53803.4	-5344.2	1347	10.5	55611.6	-5325.8
1168	10.5	51918.6	-5351.3	1258	9.8	53823.5	-5347.4	1348	8.1	55617.6	-5348.5
1169	9.6	51918.8	-5328.9	1259	10.0	53829.6	-5347.6	1349	10.5	55626.6	-5347.4
1170	10.3	51919.4	-5346.3	1260	10.8	53856.6	-5353.8	1350	10.0	55657.3	-5318.1
1171	10.5	51937.0	-5352.3	1261	10.3	53928.5	-5348.4	1351	10.5	55700.1	-5332.9
1172	9.0	51940.1	-5351.3	1262	10.8	53945.0	-5348.3	1352	11.0	55702.3	-5354.6
1173	10.5	51948.3	-5308.8	1263	9.6	54001.4	-5307.8	1353	9.8	55720.0	-5341.4
1174	10.0	51958.9	-5304.1	1264	9.6	54008.5	-5304.0	1354	10.8	55721.7	-5345.9
1175	9.7	52013.1	-5351.2	1265	10.5	54029.1	-5327.4	1355	9.1	55732.8	-5355.4
1176	9.3	52018.9	-5352.2	1266	10.5	54032.7	-5338.0	1356	10.8	55750.4	-5348.6
1177	9.3	52042.8	-5333.8	1267	9.0	54101.4	-5344.3	1357	9.8	55816.0	-5347.4
1178	10.3	52055.3	-5358.2	1268	11.0	54112.6	-5345.2	1358	10.8	55823.1	-5342.9
1179	10.5	52100.2	-5342.8	1269	8.8	54120.6	-5325.7	1359	9.0	55841.4	-5334.9
1180	10.5	52102.1	-5342.8	1270	10.8	54126.4	-5311.3	1360	10.8	55859.0	-5334.6
1181	7.5	52128.2	-5332.6	1271	10.8	54147.4	-5311.3	1361	10.5	55915.1	-5327.2
1182	10.5	52131.8	-5302.8	1272	11.0	54205.2	-5319.3	1362	9.7	55916.0	-5308.3
1183	10.5	52137.5	-5304.8	1273	10.0	54221.6	-5334.3	1363	9.7	55950.3	-5312.9
1184	9.7	52222.4	-5311.7	1274	9.6	54225.9	-5313.3	1364	9.4	55953.5	-5349.5
1185	10.8	52259.9	-5345.1	1275	10.8	54228.0	-5344.2	1365	10.5	55955.3	-5301.1
1186	7.8	52300.7	-5335.7	1276	11.0	54230.0	-5347.2	1366	7.3	60010.6	-5334.9
1187	8.0	52310.6	-5341.7	1277	10.0	54230.6	-5336.0	1367	9.9	60020.1	-5322.9
1188	10.5	52310.6	-5329.7	1278	11.0	54235.1	-5354.9	1368	7.4	60048.5	-5352.5
1189	9.4	52320.2	-5303.9	1279	10.3	54241.2	-5332.2	1369	10.0	60105.1	-5326.9
1190	10.0	52323.9	-5311.7	1280	10.8	54334.4	-5332.3	1370	9.4	60119.9	-5345.8
1191	9.9	52342.9	-5301.5	1281	9.8	54342.7	-5317.0	1371	11.0	60133.2	-5313.8
1192	10.5	52351.0	-5355.1	1282	7.1	54346.9	-5315.8	1372	10.5	60148.9	-5308.8
1193	10.0	52359.9	-5316.7	1283	10.5	54406.8	-5301.3	1373	10.3	60157.9	-5353.4
1194	9.6	52408.9	-5351.1	1284	11.0	54420.4	-5325.2	1374	8.2	60222.2	-5311.8
1195	9.7	52423.0	-5356.0	1285	11.0	54421.9	-5355.2	1375	9.8	60225.1	-5342.3
1196	9.3	52424.4	-5310.2	1286	9.9	54428.9	-5316.0	1376	10.3	60252.1	-5325.8
1197	10.0	52443.9	-5308.9	1287	10.5	54450.7	-5320.3	1377	9.7	60254.5	-5348.5
1198	10.3	52517.7	-5324.6	1288	9.7	54455.5	-5346.0	1378	11.0	60256.5	-5338.8
1199	10.3	52531.4	-5312.6	1289	9.8	54458.9	-5315.2	1379	9.0	60259.9	-5307.0
1200	8.0	52544.5	-5358.0	1290	10.8	54510.2	-5304.2	1380	10.5	60320.0	-5342.2
1201	9.5	52628.0	-5342.6	1291	10.6	54510.6	-5306.3	1381	10.3	60321.3	-5304.1
1202	9.9	52635.0	-5301.8	1292	10.3	54513.6	-5256.1	1382	9.6	60329.1	-5325.8
1203	8.0	52702.7	-5321.6	1293	8.6	54514.6	-5741.8	1383	10.3	60339.2	-5337.8
1204	10.0	52707.0	-5344.8	1294	7.8	54556.6	-5343.0	1384	8.8	60340.2	-5304.0
1205	10.0	52717.4	-5350.9	1295	9.5	54615.4	-5318.7	1385	9.4	60417.1	-5333.6
1206	10.3	52717.6	-5346.8	1296	8.6	54617.5	-5330.2	1386	9.4	60442.0	-5349.0
1207	10.3	52719.6	-5334.8	1297	9.5	54619.7	-5328.2	1387	10.3	60453.8	-5312.8
1208	10.5	52722.7	-5333.5	1298	10.8	54639.5	-5348.1	1388	9.5	60526.5	-5312.7
1209	10.0	52728.6	-5308.5	1299	10.8	54716.9	-5307.7	1389	10.5	60530.0	-5355.3
1210	10.5	52739.3	-5343.3	1300	10.5	54728.1	-5725.2	1390	8.1	60533.9	-5315.7
1211	9.5	52800.6	-5319.5	1301	10.5	54729.0	-5332.2	1391	9.7	60535.6	-5335.7
1212	11.0	52833.4	-5347.8	1302	10.8	54732.9	-5303.2	1392	10.8	60554.9	-5340.7
1213	10.5	52834.6	-5335.2	1303	10.5	54739.5	-5341.2	1393	10.5	60602.5	-5347.0
1214	11.0	52847.9	-5356.8	1304	10.8	54745.2	-5335.2	1394	10.8	60608.2	-5325.7
1215	10.3	52900.1	-5329.5	1305	10.8	54746.3	-5349.0	1395	9.7	60613.6	-5350.2
1216	8.8	52922.8	-5337.2	1306	8.1	54758.4	-5326.7	1396	9.0	60625.8	-5355.6
1217	10.5	52929.6	-5352.7	1307	9.3	54758.6	-5321.4	1397	9.1	60631.0	-5303.2
1218	8.3	52934.6	-5353.7	1308	10.5	54812.1	-5326.4	1398	10.5	60650.6	-5329.7
1219	10.0	52942.3	-5355.5	1309	11.0	54837.9	-5355.9	1399	8.6	60654.8	-5351.7
1220	10.0	53018.5	-5320.5	1310	9.4	54845.2	-5336.6	1400	10.3	60700.1	-5327.5
1401	10.3	60707.5	-5309.7								
1402	9.7	60810.0	-5338.7								
1403	10.8	60818.4	-5348.2								
1404	9.8	60819.8	-5311.9								
1405	8.6	60836.5	-5322.7								
1406	10.5	60839.6	-5344.1								
1407	10.5	60903.7	-5315.7								
1408	10.5	60907.8	-5306.9								
1409	10.5	60923.7	-5321.6								
1410	10.8	60940.2	-5339.6								
1411	10.3	60940.3	-5311.4								
1412	10.5	60952.2	-5314.6								
1413	10.3	60955.1	-5329.6								
1414	10.3	60958.8	-5313.6								
1415	11.0	61005.0	-5322.6								
1416	11.0	61009.0	-5332.6								
1417	11.0	61009.0	-5342.6								
1418	11.0	61021.4	-5301.8								
1419	8.8	61051.2	-5314.6								
1420	10.5	61053.4	-5321.6								
1421	9.3	61112.4	-5335.2								
1422	8.5	61134.1	-5320.4								
1423	11.0	61136.4	-5349.0								
1424	8.7	61149.2	-5302.6								
1425	10.8	61217.0	-5300.6								
1426	10.5	61222.8	-5306.6								
1427	9.6	61237.8	-5342.8								
1428	9.5	61238.1	-5358.0								
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1431	9.9	61326.5	-5331.6								
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1433	9.7	61335.7	-5315.2								
1434	10.5	61347.4	-5331.3								
1435	11.0	61415.3	-5335.5								
1436	10.8	61424.7	-5349.5								
1437	10.8	61430.5	-5337.5								
1438	10.0	61451.9	-5345.5								
1439	10.3	61501.4	-5340.5								
1440	10.5	61504.1	-5344.5								
1441	7.3	61504.4	-5355.9								
1442	7.2	61526.9	-5330.5								
1443	7.6	61554.6	-5335.0								
1444	10.3	61608.6	-5339.5								
1445	10.3	61609.9	-5333.5								
1446	10.0	61618.2	-5314.5								
1447	9.8	61619.1	-5359.8								
1448	8.3	61628.6	-5355.5								
1449	10.8	61631.4	-5309.5								
1450	10.5	61634.8	-5348.8								
1451	10.5	61712.8	-5317.5								
1452	10.3	61737.2	-5310.2								
1453	10.5	61739.4	-5300.5								
1454	10.5	61756.4	-5333.5								
1455	10.8	61756.7	-5353.7								
1456	10.3	61808.0	-5340.4								
1457	11.0	61816.9	-5340.4								
1458	9.7	61820.5	-5351.5								
1459	11.0	61833.3	-5320.4								
1460	9.7	61841.2	-5304.6								
1461	9.8	61849.9	-5333.2								
1462	10.3	61914.9	-5336.2								
1463	10.3	61916.5	-5327.1								
1464	8.1	61924.8	-5354.7								
1465	10.0	61936.2	-5315.6								
1466	6.7	61938.3	-5316.4								
1467	10.5	62009.3	-5313.4								
1468	10.8	62017.8	-5348.6								
1469	10.8	62033.5	-5359.6								
1470	10.5	62036.3	-5336.4								
1471	8.5	62051.7	-5321.4								
1472	10.0	62059.0	-5300.6								
1473	9.9	62113.2	-5336.1								
1474	9.9	62120.9	-5314.4								
1475	9.0	62138.6	-5330.4								
1476	9.6	62149.1	-5342.4								
1477	9.0	62207.9	-5313.4								
1478	10.0	62224.9	-5313.4								
1479	10.0	62235.2	-5314.4								
1480	10.5	62248.9	-5341.4								
1481	10.0	62300.2	-5324.2								
1482	9.2	62303.1	-5302.2								
1483	10.5	62305.4	-5346.5								
1484	10.0	62314.9	-5318.2								
1485	9.8	62329.9	-5310.3								
1486	9.5	62333.9	-5325.3								
1487	10.5	62341.3	-5330.3								
1488	10.0	62403.2	-5324.3								
1489	9.7	62409.7	-5319.0								
1490	8.2	62414.6	-5330.3								

-53 1491 6h24m

-53 1850 7h22m

1491	9.8	62436.2	-5322.3	1581	9.2	64124.2	-5339.9	1671	9.6	65724.5	-5343.6	1761	9.8	70858.8	-5349.1
1492	8.0	62440.5	-5329.3	1582	10.5	64125.3	-5337.9	1672	10.0	65727.0	-5300.6	1762	10.0	70908.9	-5324.2
1493	10.3	62459.5	-5341.3	1583	10.8	64128.7	-5336.9	1673	9.9	65744.1	-5343.3	1763	9.5	70913.5	-5301.3
1494	10.0	62500.0	-5307.3	1584	10.0	64133.0	-5348.6	1674	10.0	65745.7	-5312.6	1764	9.1	70914.0	-5300.3
1495	10.3	62505.0	-5352.4	1585	10.0	64142.9	-5353.0	1675	9.9	65802.5	-5354.3	1765	10.0	70919.5	-5315.3
1496	10.3	62506.0	-5354.4	1586	10.5	64220.1	-5323.8	1676	9.7	65820.0	-5303.4	1766	10.0	70930.3	-5307.9
1497	9.2	62513.6	-5345.2	1587	10.3	64238.4	-5350.9	1677	10.3	65826.4	-5312.6	1767	10.0	70935.1	-5316.5
1498	10.0	62604.3	-5302.8	1588	10.0	64301.9	-5357.8	1678	10.0	65831.1	-5349.4	1768	10.0	70942.3	-5344.3
1499	9.8	62604.9	-5313.6	1589	10.3	64303.1	-5349.9	1679	9.7	65832.3	-5307.8	1769	10.0	71000.3	-5339.1
1500	10.5	62614.0	-5313.3	1590	10.3	64308.9	-5306.9	1680	10.0	65834.2	-5352.3	1770	8.1	71004.9	-5340.6
1501	10.5	62616.9	-5346.2	1591	9.6	64319.0	-5305.9	1681	9.9	65834.8	-5337.6	1771	10.0	71015.9	-5328.0
1502	10.8	62618.9	-5344.4	1592	10.5	64320.3	-5339.9	1682	10.0	65835.2	-5343.8	1772	9.9	71040.8	-5331.0
1503	9.5	62646.4	-5310.8	1593	9.9	64323.5	-5345.0	1683	10.0	65837.7	-5339.6	1773	10.0	71049.8	-5346.3
1504	10.5	62653.1	-5330.3	1594	10.8	64324.9	-5344.9	1684	10.0	65859.9	-5321.6	1774	7.0	71051.0	-5327.3
1505	9.7	62707.1	-5337.0	1595	10.0	64337.9	-5315.2	1685	10.3	65901.2	-5309.8	1775	10.0	71059.4	-5328.6
1506	10.3	62711.0	-5319.3	1596	9.8	64338.4	-5312.6	1686	9.8	65910.2	-5341.6	1776	10.0	71059.4	-5330.6
1507	9.6	62712.4	-5339.0	1597	9.3	64358.9	-5313.7	1687	10.0	65914.3	-5315.6	1777	9.5	71109.2	-5316.6
1508	9.5	62747.2	-5332.2	1598	10.8	64421.2	-5310.9	1688	9.9	65920.7	-5316.8	1778	10.0	71115.0	-5345.1
1509	10.0	62804.6	-5329.3	1599	9.0	64434.0	-5316.2	1689	8.2	65924.9	-5352.5	1779	10.0	71116.0	-5320.3
1510	9.8	62857.5	-5307.3	1600	10.5	64438.0	-5336.9	1690	10.0	65925.6	-5349.6	1780	9.6	71120.0	-5349.1
1511	8.4	62906.8	-5310.4	1601	9.9	64438.4	-5324.9	1691	9.4	65928.7	-5332.6	1781	9.9	71144.4	-5327.0
1512	10.8	62921.3	-5314.2	1602	8.5	64511.0	-5302.6	1692	10.0	65935.8	-5348.8	1782	10.0	71149.2	-5349.0
1513	9.5	62939.1	-5338.8	1603	10.0	64533.8	-5351.7	1693	9.5	65942.6	-5321.6	1783	10.0	71149.5	-5357.9
1514	10.5	62954.9	-5340.2	1604	10.0	64539.4	-5317.8	1694	10.0	65956.5	-5348.3	1784	8.9	71157.7	-5314.0
1515	10.0	63043.6	-5321.2	1605	8.2	64545.2	-5345.0	1695	10.0	70002.3	-5337.3	1785	9.8	71158.3	-5333.7
1516	10.5	63047.8	-5330.2	1606	7.8	64558.9	-5352.5	1696	10.0	70007.9	-5341.6	1786	9.3	71210.8	-5335.3
1517	9.8	63055.4	-5309.0	1607	9.3	64606.8	-5336.6	1697	10.0	70019.2	-5343.4	1787	9.4	71215.0	-5313.0
1518	10.3	63120.5	-5301.2	1608	9.9	64633.6	-5342.6	1698	10.0	70019.8	-5306.6	1788	9.7	71224.6	-5304.3
1519	10.5	63129.1	-5321.2	1609	10.5	64639.1	-5335.8	1699	10.0	70021.1	-5355.3	1789	10.0	71228.3	-5338.0
1520	10.0	63134.6	-5346.1	1610	10.5	64659.3	-5316.8	1700	10.0	70032.7	-5335.6	1790	9.6	71249.7	-5314.3
1521	10.0	63139.5	-5355.1	1611	9.4	64702.3	-5341.8	1701	9.8	70036.4	-5323.6	1791	9.4	71255.4	-5318.3
1522	10.3	63205.1	-5330.2	1612	10.5	64705.1	-5316.8	1702	10.0	70039.3	-5341.6	1792	8.7	71256.4	-5323.0
1523	10.8	63206.5	-5321.2	1613	4.3	64708.2	-5328.8	1703	10.0	70105.4	-5340.5	1793	7.5	71323.6	-5349.2
1524	10.3	63206.5	-5332.1	1614	10.5	64746.5	-5321.8	1704	10.0	70107.1	-5324.5	1794	8.4	71332.0	-5305.4
1525	10.0	63209.1	-5321.2	1615	9.5	64750.6	-5334.4	1705	10.0	70107.4	-5312.5	1795	9.3	71350.9	-5313.0
1526	7.3	63209.6	-5311.0	1616	10.3	64751.6	-5339.8	1706	10.0	70113.8	-5306.5	1796	9.6	71353.0	-5334.8
1527	10.3	63230.2	-5330.1	1617	9.8	64805.6	-5336.5	1707	9.4	70139.8	-5333.2	1797	9.2	71400.6	-5345.4
1528	10.5	63231.2	-5328.0	1618	11.0	64846.4	-5323.8	1708	9.5	70149.8	-5334.3	1798	9.9	71410.6	-5334.8
1529	9.3	63231.5	-5317.1	1619	11.0	64905.0	-5336.8	1709	10.0	70208.3	-5350.3	1799	9.9	71421.5	-5346.2
1530	9.9	63232.0	-5357.1	1620	9.7	64905.2	-5325.0	1710	10.0	70210.3	-5321.5	1800	10.0	71423.9	-5336.2
1531	9.3	63249.4	-5336.3	1621	10.0	64915.4	-5352.4	1711	10.0	70211.8	-5308.5	1801	10.0	71431.5	-5356.9
1532	10.0	63309.0	-5347.6	1622	9.6	64930.6	-5331.7	1712	10.0	70217.4	-5300.5	1802	10.0	71439.5	-5354.2
1533	10.3	63329.0	-5327.0	1623	10.3	64939.1	-5313.7	1713	10.0	70230.2	-5318.8	1803	10.0	71441.0	-5330.2
1534	10.5	63330.5	-5303.1	1624	10.5	64952.1	-5341.7	1714	10.0	70232.4	-5304.5	1804	10.0	71441.1	-5315.2
1535	10.0	63330.8	-5357.1	1625	10.0	64953.6	-5339.7	1715	10.0	70237.1	-5317.5	1805	10.0	71459.5	-5304.2
1536	10.0	63428.7	-5350.0	1626	10.3	65005.1	-5303.7	1716	10.0	70245.6	-5301.5	1806	10.0	71503.1	-5303.2
1537	9.3	63430.1	-5322.0	1627	7.0	65007.2	-5356.3	1717	8.7	70246.4	-5355.5	1807	10.0	71519.6	-5315.2
1538	10.0	63438.3	-5312.1	1628	10.3	65021.2	-5300.7	1718	10.0	70251.3	-5345.2	1808	10.0	71521.6	-5325.2
1539	10.5	63441.6	-5336.1	1629	10.3	65025.7	-5319.8	1719	9.3	70259.7	-5310.8	1809	9.7	71526.8	-5305.3
1540	9.4	63442.9	-5302.0	1630	10.5	65027.5	-5305.7	1720	10.0	70319.2	-5353.5	1810	9.5	71532.2	-5301.3
1541	9.2	63503.1	-5309.1	1631	10.0	65029.8	-5359.6	1721	10.0	70336.5	-5357.4	1811	10.5	71546.2	-5305.2
1542	9.4	63507.5	-5346.2	1632	9.8	65033.4	-5317.4	1722	10.0	70345.4	-5320.5	1812	9.7	71602.5	-5335.3
1543	10.5	63516.3	-5304.1	1633	10.5	65106.0	-5335.7	1723	8.7	70346.4	-5342.3	1813	10.0	71608.3	-5338.2
1544	10.5	63532.7	-5305.4	1634	9.7	65110.0	-5359.5	1724	10.0	70349.6	-5311.5	1814	10.0	71625.5	-5311.2
1545	9.8	63542.6	-5338.8	1635	10.3	65110.6	-5340.4	1725	10.0	70351.1	-5332.5	1815	10.0	71631.7	-5323.2
1546	8.4	63546.1	-5332.7	1636	10.3	65113.8	-5317.5	1726	9.6	70410.4	-5321.3	1816	10.0	71645.4	-5352.8
1547	10.3	63557.6	-5317.1	1637	10.8	65123.2	-5323.7	1727	10.0	70413.9	-5349.2	1817	9.2	71719.8	-5358.8
1548	10.0	63604.2	-5347.1	1638	9.9	65136.5	-5334.7	1728	10.0	70414.9	-5328.5	1818	10.0	71731.6	-5350.8
1549	9.4	63608.2	-5347.1	1639	9.7	65150.3	-5315.7	1729	10.0	70433.1	-5345.5	1819	10.0	71744.0	-5348.9
1550	9.7	63619.4	-5306.1	1640	9.7	65201.3	-5311.7	1730	10.0	70437.8	-5334.5	1820	9.5	71745.7	-5314.1
1551	9.8	63625.3	-5323.1	1641	10.3	65216.6	-5338.5	1731	9.4	70459.7	-5320.5	1821	9.8	71752.2	-5359.0
1552	10.0	63638.6	-5351.0	1642	10.3	65222.7	-5305.2	1732	10.0	70504.1	-5354.1	1822	8.6	71801.2	-5332.1
1553	10.8	63641.5	-5344.0	1643	10.8	65241.7	-5342.4	1733	10.0	70519.5	-5358.4	1823	9.7	71814.9	-5311.1
1554	10.3	63641.5	-5333.0	1644	8.6	65256.9	-5329.7	1734	10.0	70530.4	-5327.4	1824	8.7	71816.6	-5339.1
1555	9.6	63644.9	-5303.6	1645	8.3	65302.8	-5327.7	1735	9.8	70531.4	-5325.4	1825	10.0	71817.2	-5348.7
1556	9.0	63648.4	-5335.8	1646	9.7	65311.0	-5334.5	1736	10.0	70543.3	-5344.4	1826	8.6	71820.2	-5323.2
1557	7.4	63700.7	-5320.0	1647	9.1	65322.4	-5322.5	1737	10.0	70550.9	-5316.4	1827	10.0	71824.0	-5350.7
1558	10.5	63707.8	-5311.0	1648	10.5	65330.4	-5341.7	1738	10.0	70559.8	-5335.2	1828	10.0	71831.6	-5308.1
1559	12.0	63709.5	-5331.0	1649	9.5	65335.4	-5300.9	1739	10.0	70601.2	-5309.4	1829	10.0	71900.7	-5353.7
1560	10.8	63734.5	-5315.0	1650	10.0	65340.1	-5349.4	1740	9.0	70602.9	-5342.4	1830	8.9	71906.9	-5340.1
1561	9.4	63741.9	-5356.9	1651	9.8	65347.4	-5348.6	1741	9.8	70607.0	-5339.4	1831	10.0	71932.2	-5333.1
1562	10.5	63758.1	-5340.0	1652	9.6	65348.4	-5322.7	1742	8.9	70632.6	-5320.4	1832	10.0	71938.5	-5358.7
1563	10.5	63802.6	-5348.0	1653	10.0	65351.2	-5357.4	1743	10.0	70651.3	-5343.4	1833	10.0	71946.1	-5315.1
1564	10.5	63808.8	-5301.0	1654	10.0	65359.1	-5340.7	1744	10.0	70658.1	-5346.4	1834	9.9	71952.2	-5348.4
1565	10.0	63832.0	-5351.3	1655	10.5	65400.9	-5314.6	1745	10.0	70705.7	-5315.6	1835	9.9	71959.6	-5308.6
1566	10.0	63843.1	-5352.9	1656	10.0	65426.4	-5348.5	1746	10.0	70709.5	-5301.4	1836	10.0	72025.9	-5342.1
1567	10.5	63850.1	-5300.0	1657	10.0	65434.0	-5345.9	1747	8.8	70711.8	-5319.4	1837	9.7	72028.8	-5328.1
1568	10.5	63850.9	-5312.0	1658	10.0	65443.9	-5349.5	1748	10.0	70723.8	-5336.2	1838	7.3	72029.1	-5315.5
1569	10.5	63905.0	-5318.0	1659	8.3	65451.9	-5326.7	1749	9.8	70729.7	-5313.4	1839	9.6	72040.8	-5340.1
1570	10.3	63910.6	-5334.8	1660	10.0	65513.7	-5309.7	1750	10.0	70734.3	-5314.4	1840	10.0	72040.8	-5321.1
1571	10.0	63915.0	-5318.0	1661	9.5	65526.9	-5343.6	1751	9.6	70741.3	-5355.1	1841	10.0	72049.6	-5314.1
1572	10.5	63918.4	-5335.0	1662	10.0	65553.7	-5358.6	1752	9.3	70745.8	-5357.1	1842	7.6	72049.9	-5325.3
1573	10.5	63931.9	-5329.0	1663	9.4	65554.4	-5357.4	1753	10.0	70754.0	-5346.0	1843	10.0	72107.5	-5358.7
1574	10.5	63943.0	-5306.0	1664	9.6	65608.6	-5324.7	1754	9.6	70759.3	-5344.7	1844	10.0	72119.7	-5323.0
1575	9.9	64023.7	-5345.2	1665	8.8	65619.7	-5317.9	1755	9.5	70759.6	-5304.4	1845	10.0	72152.2	-5335.0
1576	10.0	64027.2	-5359.8	1666	8.7	65631.0	-5325.5	1756	10.0	70813.8	-5354.0	1846	10.0	72156.0	-5334.0
1577	10.3	64040.8	-5316.7	1667	10.0	65635.8	-5351.4	1757	10.0	70817.4	-5312.0	1847	9.9	72200.2	-5343.6
1578	10.5	64047.4	-5309.9	1668	8.6	65646.5	-5311.7	1758	10.0	70829.4	-5325.2	1848	10.0	72202.7	-5323.0
1579	10.5	64104.5	-5309.9	1669	10.0	65648.0	-5341.7	1759	10.0	70837.9	-5321.4	1849	10.0	72204.1	-5314.0
1580	10.8	64110.4	-5302.9	1670	10.0	65650.9	-5335.7	1760	10.0	70856.4	-5319.4	1850	10.0	72232.9	-5357.6

-53 1851 7h22m

-53 2210 8h13m

1851	10.0	72236.5 -5309.0	1941	8.9	73518.6 -5343.2	2031	10.0	74812.0 -5337.5	2121	8.8	80034.7 -5349.9
1852	10.0	72242.7 -5324.0	1942	7.9	73529.8 -5349.6	2032	9.3	74817.5 -5358.6	2122	10.0	80036.9 -5308.1
1853	10.0	72301.0 -5348.6	1943	9.6	73532.3 -5335.0	2033	8.5	74820.4 -5328.5	2123	10.0	80046.1 -5313.0
1854	10.0	72319.6 -5305.6	1944	9.7	73540.4 -5321.6	2034	10.0	74822.9 -5312.6	2124	10.0	80054.6 -5353.9
1855	10.0	72322.9 -5333.0	1945	9.9	73602.1 -5337.9	2035	10.0	74830.7 -5325.5	2125	9.7	80109.9 -5340.0
1856	10.0	72325.7 -5330.0	1946	9.0	73602.2 -5352.6	2036	9.6	74831.0 -5350.0	2126	10.0	80121.2 -5308.1
1857	10.0	72347.2 -5355.6	1947	9.4	73612.1 -5322.6	2037	9.2	74837.9 -5302.5	2127	10.3	80127.3 -5352.7
1858	9.6	72351.8 -5320.8	1948	9.3	73614.0 -5300.9	2038	10.0	74849.6 -5331.5	2128	10.0	80128.2 -5320.1
1859	10.0	72356.2 -5354.0	1949	10.0	73617.2 -5303.9	2039	9.1	74851.2 -5300.3	2129	10.0	80128.2 -5335.1
1860	11.0	72400.6 -5304.0	1950	9.3	73643.3 -5314.8	2040	10.0	74916.1 -5312.5	2130	10.0	80138.7 -5328.1
1861	10.0	72412.1 -5344.0	1951	9.2	73651.1 -5320.9	2041	10.0	74921.3 -5331.2	2131	10.3	80146.9 -5345.5
1862	10.0	72415.7 -5305.0	1952	10.0	73703.0 -5343.9	2042	9.2	74929.3 -5340.0	2132	10.0	80213.3 -5339.0
1863	10.0	72417.1 -5307.0	1953	8.4	73709.6 -5341.6	2043	9.5	74930.2 -5351.8	2133	8.8	80217.0 -5354.9
1864	10.0	72422.7 -5327.0	1954	9.6	73719.8 -5314.9	2044	10.0	74941.1 -5313.3	2134	9.9	80225.6 -5307.8
1865	10.0	72424.1 -5313.0	1955	9.9	73725.7 -5349.9	2045	10.0	74955.1 -5315.4	2135	10.0	80231.5 -5322.0
1866	10.0	72433.2 -5328.0	1956	10.0	73727.6 -5325.4	2046	10.0	74956.2 -5304.6	2136	10.0	80249.1 -5330.0
1867	10.0	72444.7 -5325.0	1957	10.0	73736.6 -5316.9	2047	10.0	74956.7 -5310.4	2137	10.0	80249.1 -5307.0
1868	10.0	72452.2 -5315.9	1958	10.0	73739.3 -5322.5	2048	11.0	75000.2 -5348.5	2138	9.7	80255.9 -5321.2
1869	9.4	72506.0 -5314.2	1959	9.8	73739.8 -5311.9	2049	10.0	75009.4 -5308.4	2139	10.0	80258.3 -5300.8
1870	9.5	72508.2 -5344.9	1960	10.0	73746.0 -5329.9	2050	10.0	75022.9 -5320.2	2140	11.0	80304.2 -5357.7
1871	9.6	72515.4 -5302.7	1961	9.0	73747.1 -5314.6	2051	10.0	75024.4 -5345.4	2141	8.4	80311.9 -5341.0
1872	10.0	72517.7 -5336.9	1962	10.5	73750.0 -5335.9	2052	10.0	75033.4 -5323.2	2142	9.7	80327.6 -5303.0
1873	9.8	72521.2 -5344.9	1963	10.0	73825.5 -5330.6	2053	9.9	75050.6 -5306.6	2143	10.3	80328.8 -5345.7
1874	10.0	72528.6 -5353.6	1964	10.0	73843.0 -5317.8	2054	10.0	75051.1 -5317.4	2144	10.0	80359.9 -5342.6
1875	10.0	72531.8 -5321.9	1965	9.9	73844.0 -5319.8	2055	10.0	75052.5 -5323.4	2145	10.0	80401.9 -5337.9
1876	10.0	72551.2 -5356.5	1966	10.8	73852.0 -5348.4	2056	10.0	75055.0 -5343.4	2146	9.2	80402.2 -5319.5
1877	10.0	72615.0 -5302.8	1967	10.0	73853.8 -5311.8	2057	10.5	75058.6 -5347.4	2147	9.1	80427.5 -5307.3
1878	10.0	72622.1 -5328.9	1968	9.9	73855.8 -5311.6	2058	10.0	75105.6 -5313.6	2148	10.0	80430.6 -5317.9
1879	10.0	72630.8 -5310.9	1969	10.0	73929.3 -5358.9	2059	9.9	75111.9 -5339.4	2149	7.8	80430.9 -5341.9
1880	9.8	72632.2 -5352.8	1970	10.0	73934.6 -5349.4	2060	9.6	75113.8 -5335.4	2150	10.0	80435.3 -5339.6
1881	10.0	72655.2 -5341.9	1971	9.7	73939.6 -5328.8	2061	9.1	75115.4 -5342.4	2151	10.8	80455.6 -5348.7
1882	10.0	72707.9 -5352.5	1972	10.0	74001.3 -5309.8	2062	10.0	75126.5 -5340.4	2152	10.0	80500.9 -5326.9
1883	10.0	72717.5 -5301.9	1973	9.6	74001.3 -5315.8	2063	9.6	75142.2 -5357.6	2153	10.0	80504.6 -5309.9
1884	10.0	72720.6 -5308.3	1974	10.3	74018.2 -5346.8	2064	9.0	75217.3 -5316.6	2154	10.0	80518.7 -5305.2
1885	10.0	72725.4 -5355.5	1975	9.5	74026.9 -5354.9	2065	7.7	75218.8 -5317.4	2155	10.0	80550.5 -5302.9
1886	10.0	72745.0 -5318.9	1976	9.2	74027.3 -5346.8	2066	9.2	75226.4 -5326.4	2156	9.2	80620.4 -5310.6
1887	10.0	72806.7 -5333.9	1977	7.2	74033.9 -5356.8	2067	10.0	75234.7 -5309.3	2157	10.0	80631.6 -5305.9
1888	9.9	72810.5 -5317.6	1978	10.0	74036.7 -5300.6	2068	8.8	75257.2 -5344.8	2158	10.0	80635.8 -5301.9
1889	10.0	72820.6 -5327.9	1979	9.6	74038.3 -5325.8	2069	10.0	75257.9 -5338.3	2159	10.0	80638.7 -5349.4
1890	10.0	72823.1 -5325.9	1980	10.0	74051.8 -5317.0	2070	10.0	75304.1 -5312.3	2160	10.0	80642.6 -5318.0
1891	10.0	72829.4 -5339.9	1981	10.0	74055.9 -5358.9	2071	10.5	75334.9 -5350.4	2161	9.8	80650.2 -5305.1
1892	9.1	72835.3 -5335.9	1982	10.0	74104.4 -5341.5	2072	9.2	75337.0 -5303.6	2162	10.0	80707.2 -5307.8
1893	10.0	72840.3 -5343.6	1983	9.5	74110.8 -5345.0	2073	10.0	75337.0 -5314.3	2163	10.0	80708.8 -5325.8
1894	10.0	72859.5 -5307.9	1984	10.5	74125.1 -5353.8	2074	9.5	75337.1 -5345.2	2164	10.0	80722.5 -5313.8
1895	9.9	72908.6 -5306.8	1985	10.0	74126.8 -5309.8	2075	9.5	75417.8 -5342.0	2165	10.0	80752.0 -5319.8
1896	10.0	72911.2 -5345.1	1986	10.0	74132.7 -5313.8	2076	9.7	75422.7 -5341.8	2166	10.5	80801.2 -5348.6
1897	10.0	72915.7 -5333.8	1987	9.8	74134.3 -5352.6	2077	9.7	75425.8 -5337.1	2167	10.0	80805.9 -5321.2
1898	10.0	72928.8 -5323.8	1988	9.9	74141.7 -5321.8	2078	9.7	75426.7 -5308.3	2168	10.0	80807.5 -5314.8
1899	7.4	72949.8 -5317.1	1989	9.9	74144.3 -5338.7	2079	10.0	75444.5 -5340.3	2169	9.6	80810.4 -5318.6
1900	10.0	72950.7 -5357.4	1990	10.5	74151.4 -5355.8	2080	10.3	75448.7 -5358.8	2170	10.3	80811.6 -5347.7
1901	10.0	72959.9 -5329.1	1991	10.0	74154.2 -5330.7	2081	10.0	75457.7 -5307.3	2171	10.5	80817.3 -5352.6
1902	10.0	73031.9 -5325.1	1992	10.0	74218.1 -5314.6	2082	10.0	75501.0 -5308.3	2172	10.0	80823.2 -5349.8
1903	10.0	73047.8 -5342.1	1993	10.0	74230.6 -5323.7	2083	10.0	75504.4 -5324.3	2173	9.4	80833.6 -5330.8
1904	9.7	73051.7 -5357.4	1994	10.0	74231.7 -5324.7	2084	10.8	75517.2 -5357.3	2174	8.9	80846.2 -5324.8
1905	9.8	73101.3 -5353.4	1995	10.0	74323.6 -5303.7	2085	10.0	75527.2 -5341.3	2175	10.0	80908.3 -5311.8
1906	10.0	73102.4 -5335.1	1996	10.0	74325.2 -5311.7	2086	9.6	75532.3 -5343.0	2176	9.2	80914.1 -5350.6
1907	10.0	73115.4 -5314.1	1997	9.8	74338.4 -5356.5	2087	10.0	75534.1 -5315.8	2177	10.0	80920.7 -5306.8
1908	10.0	73115.8 -5335.1	1998	9.7	74344.3 -5332.7	2088	11.0	75535.0 -5353.3	2178	10.0	80922.2 -5304.8
1909	10.0	73124.4 -5307.1	1999	10.0	74347.7 -5343.7	2089	10.0	75548.8 -5332.2	2179	7.2	80922.3 -5346.4
1910	10.0	73133.9 -5325.1	2000	10.5	74402.6 -5349.7	2090	9.4	75600.3 -5308.2	2180	10.0	80938.2 -5317.8
1911	7.5	73134.3 -5347.2	2001	9.3	74409.3 -5307.3	2091	10.3	75602.4 -5325.8	2181	10.0	80944.0 -5302.4
1912	10.0	73139.2 -5309.1	2002	10.0	74411.4 -5307.7	2092	10.0	75604.9 -5327.2	2182	9.8	80949.6 -5323.6
1913	8.6	73147.5 -5338.1	2003	9.4	74417.9 -5318.7	2093	10.0	75605.7 -5318.2	2183	9.7	80949.6 -5340.6
1914	8.7	73149.4 -5340.1	2004	7.3	74419.6 -5301.5	2094	10.0	75640.2 -5324.2	2184	10.0	81012.1 -5336.7
1915	9.6	73202.4 -5320.1	2005	10.0	74434.0 -5325.7	2095	10.3	75640.2 -5357.4	2185	9.9	81035.2 -5328.4
1916	10.0	73209.9 -5356.4	2006	10.0	74439.1 -5329.7	2096	9.9	75642.5 -5302.2	2186	11.0	81051.0 -5346.7
1917	10.0	73215.9 -5335.1	2007	8.1	74450.0 -5356.7	2097	10.0	75718.3 -5324.2	2187	10.0	81101.2 -5321.4
1918	10.0	73225.8 -5315.1	2008	10.0	74455.3 -5303.6	2098	10.0	75718.3 -5341.2	2188	10.0	81105.6 -5334.7
1919	9.7	73226.9 -5327.1	2009	10.0	74513.2 -5334.6	2099	10.0	75734.7 -5309.2	2189	9.8	81106.1 -5341.7
1920	9.3	73229.8 -5334.1	2010	10.0	74514.0 -5317.6	2100	9.7	75743.6 -5352.6	2190	10.0	81110.4 -5316.7
1921	8.5	73239.8 -5350.6	2011	10.0	74531.6 -5337.4	2101	6.2	75745.7 -5348.2	2191	9.9	81110.7 -5325.1
1922	10.0	73252.9 -5317.1	2012	10.0	74543.4 -5327.6	2102	10.0	75749.4 -5328.3	2192	10.0	81111.1 -5339.7
1923	9.6	73254.7 -5343.6	2013	10.0	74545.9 -5313.6	2103	10.0	75749.4 -5329.2	2193	9.8	81117.0 -5307.7
1924	9.0	73315.2 -5335.0	2014	11.0	74551.2 -5353.7	2104	10.0	75753.6 -5321.2	2194	10.0	81122.1 -5344.7
1925	8.5	73318.3 -5332.0	2015	10.5	74554.3 -5351.7	2105	9.2	75816.4 -5307.2	2195	10.5	81124.2 -5352.5
1926	9.5	73326.2 -5307.0	2016	10.0	74605.8 -5349.6	2106	10.0	75826.6 -5310.2	2196	10.0	81140.7 -5320.9
1927	9.9	73329.2 -5351.3	2017	10.5	74609.7 -5359.3	2107	9.4	75833.3 -5341.2	2197	9.8	81150.2 -5358.8
1928	7.1	73332.6 -5354.3	2018	10.0	74613.6 -5308.6	2108	10.0	75835.8 -5338.2	2198	10.0	81157.7 -5323.0
1929	9.5	73340.3 -5326.0	2019	10.0	74618.5 -5300.6	2109	9.9	75840.3 -5340.2	2199	9.9	81205.6 -5331.7
1930	10.0	73340.6 -5317.0	2020	10.0	74623.4 -5314.6	2110	9.9	75905.3 -5341.0	2200	10.0	81207.7 -5327.7
1931	9.9	73341.1 -5310.0	2021	9.5	74626.6 -5344.6	2111	10.5	75921.3 -5351.2	2201	10.3	81211.0 -5353.6
1932	9.3	73343.9 -5326.0	2022	9.4	74627.8 -5342.8	2112	10.3	75923.0 -5358.4	2202	10.0	81211.7 -5318.7
1933	10.0	73351.6 -5336.0	2023	10.0	74652.5 -5335.2	2113	10.0	75930.8 -5333.8	2203	8.1	81216.4 -5309.5
1934	8.6	73405.1 -5348.0	2024	9.8	74655.6 -5351.8	2114	8.7	75950.7 -5305.8	2204	10.0	81231.7 -5323.7
1935	9.8	73424.7 -5347.0	2025	9.7	74702.4 -5350.6	2115	10.0	75950.8 -5329.1	2205	9.8	81257.1 -5340.6
1936	10.0	73425.6 -5347.3	2026	10.0	74705.9 -5313.2	2116	9.0	80004.0 -5339.8	2206	8.9	81303.0 -5305.8
1937	10.0	73437.8 -5345.0	2027	10.0	74714.7 -5324.5	2117	10.0	80007.0 -5342.1	2207	10.0	81320.9 -5309.6
1938	9.5	73500.6 -5314.8	2028	10.0	74721.8 -5303.5	2118	10.0	80008.6 -5318.1	2208	10.0	81321.9 -5308.6
1939	9.8	73502.1 -5318.0	2029	11.0	74730.8 -5356.6	2119	10.0	80019.0 -5317.1	2209	9.5	81322.6 -5343.4
1940	9.8	73505.8 -5348.4	2030	9.9	74801.2 -5342.5	2120	10.0	80031.9 -5322.1	2210	9.2	81323.1 -5339.4

-53 2211 8h13m

-53 2570 8h53m

2211	10.0	81323.1	-5335.6	2301	10.0	82502.1	-5307.9	2391	7.8	83633.8	-5324.6
2212	8.3	81333.3	-5305.6	2302	10.5	82503.3	-5307.9	2392	9.9	83636.0	-5311.6
2213	7.6	81336.6	-5314.6	2303	10.5	82514.1	-5352.1	2393	11.0	83637.7	-5324.6
2214	10.0	81338.7	-5308.6	2304	10.3	82531.8	-5350.9	2394	9.9	83642.5	-5313.6
2215	8.1	81340.9	-5318.6	2305	9.9	82600.7	-5319.8	2395	8.4	83645.5	-5300.2
2216	9.9	81352.0	-5307.6	2306	6.6	82610.0	-5347.5	2396	9.4	83648.7	-5341.5
2217	10.0	81356.0	-5355.4	2307	9.4	82624.2	-5351.9	2397	10.5	83655.4	-5316.5
2218	10.0	81414.1	-5338.9	2308	10.5	82651.3	-5355.3	2398	8.9	83709.3	-5339.5
2219	9.8	81418.5	-5358.4	2309	11.0	82654.3	-5328.8	2399	11.0	83715.9	-5345.8
2220	10.3	81501.0	-5350.9	2310	10.8	82655.3	-5359.3	2400	10.8	83719.0	-5311.5
2221	9.6	81517.7	-5358.4	2311	11.0	82719.1	-5324.8	2401	10.5	83721.5	-5318.3
2222	10.3	81527.0	-5341.3	2312	10.8	82719.3	-5301.6	2402	9.5	83731.1	-5319.5
2223	10.0	81532.6	-5304.6	2313	10.8	82720.8	-5355.2	2403	9.2	83751.1	-5311.5
2224	10.0	81544.4	-5301.5	2314	11.0	82722.5	-5358.2	2404	10.5	83800.2	-5309.5
2225	10.0	81601.0	-5324.6	2315	10.5	82727.2	-5304.8	2405	10.5	83806.7	-5306.5
2226	9.7	81610.2	-5346.5	2316	9.4	82732.2	-5317.8	2406	11.0	83809.2	-5356.8
2227	9.1	81628.7	-5312.5	2317	8.4	82745.8	-5340.5	2407	8.3	83843.0	-5342.1
2228	9.5	81630.0	-5344.9	2318	10.5	82750.5	-5324.8	2408	8.9	83848.9	-5327.5
2229	9.9	81630.0	-5310.0	2319	9.6	82752.2	-5309.8	2409	9.5	83851.3	-5334.5
2230	8.6	81630.2	-5330.5	2320	10.5	82755.6	-5341.8	2410	10.0	83852.5	-5304.8
2231	8.5	81640.7	-5317.5	2321	11.0	82759.1	-5311.9	2411	10.5	83913.3	-5331.5
2232	10.0	81641.9	-5335.5	2322	10.5	82800.6	-5323.9	2412	10.5	83915.2	-5352.8
2233	10.0	81644.7	-5300.5	2323	9.6	82801.5	-5324.4	2413	8.1	83921.7	-5318.2
2234	9.5	81647.1	-5331.5	2324	10.8	82801.9	-5333.6	2414	10.3	83925.2	-5342.5
2235	9.9	81651.8	-5306.5	2325	7.1	82809.3	-5358.1	2415	10.5	83929.9	-5327.3
2236	9.7	81652.2	-5307.5	2326	10.8	82821.7	-5321.8	2416	11.0	83931.3	-5339.6
2237	10.5	81711.4	-5350.6	2327	10.8	82823.1	-5340.8	2417	10.0	83932.0	-5345.9
2238	10.0	81713.3	-5320.5	2328	10.8	82825.8	-5306.8	2418	10.5	83938.6	-5312.2
2239	9.7	81749.7	-5308.5	2329	10.8	82827.7	-5316.8	2419	10.5	83942.7	-5308.5
2240	10.5	81751.3	-5358.3	2330	11.0	82829.7	-5336.8	2420	11.0	83954.6	-5347.8
2241	8.7	81751.9	-5320.5	2331	10.5	82851.5	-5322.8	2421	7.8	84002.6	-5304.5
2242	9.8	81752.8	-5302.5	2332	8.8	82907.3	-5341.8	2422	10.8	84006.1	-5319.2
2243	10.0	81806.2	-5315.5	2333	10.8	82910.1	-5335.8	2423	10.8	84024.9	-5325.2
2244	10.0	81809.5	-5322.4	2334	10.0	82914.1	-5328.8	2424	10.5	84033.4	-5328.4
2245	10.0	81812.3	-5300.4	2335	11.0	82925.6	-5306.7	2425	10.8	84042.1	-5347.4
2246	11.0	81830.2	-5350.3	2336	10.8	82932.3	-5313.7	2426	11.0	84046.1	-5357.7
2247	10.0	81838.5	-5333.4	2337	10.8	82935.1	-5342.7	2427	10.5	84100.9	-5322.2
2248	10.5	81841.8	-5351.3	2338	10.5	82940.4	-5333.3	2428	10.8	84111.9	-5330.2
2249	10.0	81859.5	-5357.2	2339	10.8	82948.3	-5343.0	2429	10.8	84112.9	-5327.4
2250	9.2	81905.9	-5327.4	2340	11.0	83004.9	-5301.7	2430	10.5	84114.8	-5335.4
2251	9.3	81920.3	-5323.4	2341	10.5	83009.2	-5345.9	2431	11.0	84126.2	-5349.9
2252	10.5	81925.0	-5351.3	2342	10.5	83010.9	-5340.7	2432	8.6	84130.0	-5305.4
2253	9.8	81932.7	-5352.7	2343	11.0	83021.6	-5307.7	2433	11.0	84135.1	-5357.3
2254	9.6	81933.4	-5304.6	2344	11.0	83029.6	-5342.7	2434	11.0	84136.8	-5330.4
2255	10.0	81944.0	-5338.6	2345	10.5	83051.8	-5345.0	2435	11.0	84140.6	-5344.2
2256	10.0	81949.9	-5343.0	2346	11.0	83059.0	-5323.7	2436	9.8	84141.6	-5351.7
2257	11.0	82038.5	-5343.0	2347	9.9	83043.9	-5335.7	2437	9.1	84142.7	-5324.2
2258	10.0	82040.5	-5326.0	2348	11.0	83050.2	-5348.0	2438	10.3	84145.9	-5319.4
2259	10.5	82048.6	-5332.0	2349	9.6	83111.3	-5344.2	2439	11.3	84147.4	-5343.7
2260	9.2	82050.2	-5348.0	2350	9.5	83113.2	-5349.1	2440	11.3	84147.6	-5346.2
2261	8.9	82055.6	-5307.0	2351	9.9	83115.5	-5323.7	2441	9.7	84153.8	-5313.4
2262	10.8	82100.6	-5337.0	2352	9.5	83116.0	-5303.7	2442	10.5	84154.0	-5359.4
2263	10.3	82107.8	-5304.0	2353	10.8	83126.5	-5317.7	2443	9.9	84154.6	-5337.4
2264	10.5	82108.6	-5320.0	2354	9.9	83140.4	-5337.7	2444	9.0	84156.5	-5310.4
2265	10.5	82109.1	-5311.0	2355	9.7	83142.5	-5326.7	2445	11.0	84200.0	-5344.7
2266	7.8	82111.5	-5319.8	2356	11.0	83145.1	-5316.7	2446	10.3	84210.0	-5359.7
2267	10.8	82121.1	-5316.0	2357	6.8	83146.7	-5346.3	2447	8.4	84211.0	-5303.6
2268	10.5	82121.1	-5330.0	2358	11.0	83151.3	-5309.7	2448	10.8	84218.0	-5348.1
2269	11.0	82129.6	-5303.0	2359	9.9	83157.2	-5303.7	2449	9.3	84236.9	-5315.6
2270	10.8	82132.1	-5328.0	2360	11.0	83214.0	-5329.7	2450	10.5	84241.9	-5315.4
2271	10.0	82132.2	-5353.2	2361	9.5	83220.2	-5352.8	2451	10.3	84241.9	-5318.2
2272	10.3	82138.2	-5345.1	2362	11.0	83221.4	-5340.7	2452	10.5	84250.0	-5310.2
2273	10.0	82150.2	-5359.4	2363	10.0	83222.3	-5305.7	2453	10.3	84251.6	-5340.4
2274	10.5	82203.5	-5326.2	2364	9.3	83232.0	-5310.7	2454	10.5	84255.8	-5318.4
2275	10.8	82215.7	-5305.9	2365	9.8	83238.5	-5325.7	2455	10.0	84300.6	-5339.0
2276	9.8	82228.1	-5353.0	2366	9.5	83240.5	-5302.7	2456	11.0	84302.9	-5341.4
2277	10.5	82243.2	-5319.9	2367	9.9	83259.4	-5335.7	2457	10.5	84304.1	-5330.2
2278	10.8	82256.7	-5313.9	2368	11.0	83311.2	-5353.9	2458	11.0	84308.5	-5300.2
2279	9.5	82300.5	-5330.9	2369	9.9	83312.8	-5322.6	2459	8.2	84317.0	-5344.1
2280	9.4	82300.8	-5310.9	2370	8.2	83402.1	-5309.6	2460	10.0	84324.2	-5351.0
2281	10.0	82303.3	-5303.9	2371	10.3	83402.2	-5338.6	2461	11.0	84327.2	-5312.4
2282	9.7	82305.4	-5334.9	2372	10.5	83404.9	-5309.6	2462	9.9	84347.8	-5334.4
2283	9.6	82319.4	-5336.9	2373	10.3	83408.3	-5325.6	2463	10.0	84349.8	-5342.4
2284	9.4	82332.7	-5349.3	2374	8.9	83413.0	-5344.6	2464	9.9	84353.9	-5315.4
2285	10.8	82344.5	-5300.9	2375	11.0	83422.5	-5319.6	2465	9.7	84359.3	-5300.4
2286	10.3	82351.7	-5359.2	2376	10.8	83431.8	-5358.6	2466	9.2	84404.2	-5355.9
2287	9.7	82358.0	-5302.9	2377	11.0	83432.9	-5335.6	2467	9.7	84409.9	-5317.4
2288	8.6	82359.4	-5338.1	2378	10.5	83439.3	-5325.6	2468	9.1	84411.0	-5306.4
2289	10.8	82404.4	-5309.6	2379	9.6	83455.1	-5347.2	2469	8.5	84424.8	-5327.3
2290	10.8	82415.7	-5321.9	2380	7.5	83455.3	-5317.3	2470	10.8	84425.6	-5317.3
2291	10.3	82417.0	-5329.9	2381	11.0	83457.3	-5322.4	2471	10.8	84427.6	-5331.3
2292	9.8	82423.9	-5300.3	2382	7.5	83517.8	-5304.6	2472	8.2	84429.8	-5307.6
2293	10.3	82434.9	-5332.9	2383	10.0	83549.8	-5321.6	2473	8.5	84439.3	-5307.3
2294	11.0	82441.3	-5305.9	2384	10.0	83552.9	-5336.6	2474	10.3	84439.6	-5302.4
2295	10.3	82445.3	-5310.1	2385	10.5	83605.7	-5301.6	2475	10.5	84439.6	-5332.3
2296	10.3	82448.8	-5309.9	2386	10.5	83606.9	-5316.6	2476	9.3	84440.9	-5319.3
2297	11.0	82451.2	-5319.9	2387	11.3	83612.7	-5352.9	2477	10.5	84455.3	-5357.8
2298	10.5	82454.6	-5347.0	2388	11.3	83621.9	-5357.9	2478	10.3	84513.2	-5343.9
2299	10.0	82500.6	-5347.3	2389	11.0	83630.6	-5355.2	2479	10.8	84518.4	-5337.3
2300	11.0	82500.6	-5308.9	2390	10.3	83633.2	-5341.4	2480	8.7	84521.7	-5348.4
2481	11.0	84528.2	-5351.0								
2482	9.9	84543.4	-5300.0								
2483	11.0	84546.9	-5315.3								
2484	9.3	84554.0	-5301.3								
2485	9.4	84604.9	-5342.3								
2486	10.0	84608.5	-5329.3								
2487	10.3	84610.9	-5346.3								
2488	8.5	84610.9	-5333.3								
2489	9.5	84611.3	-5301.3								
2490	10.5	84613.1	-5345.3								
2491	10.8	84616.9	-5334.3								
2492	10.5	84617.0	-5302.3								
2493	9.3	84621.8	-5348.7								
2494	10.0	84639.2	-5346.7								
2495	10.5	84643.8	-5357.8								
2496	9.9	84653.4	-5340.2								
2497	10.3	84659.5	-5322.6								
2498	11.0	84700.6	-5333.5								
2499	10.8	84708.6	-5340.3								
2500	10.8	84710.3	-5355.9								
2501	9.6	84712.2	-5343.0								
2502	7.9	84712.8	-5338.5								
2503	10.8	84716.3	-5341.2								
2504	10.8	84720.4	-5330.0								
2505	11.3	84723.7	-5347.2								
2506	11.0	84724.6	-5320.1								
2507	9.8	84729.9	-5335.3								
2508	10.0	84733.9	-5341.3								
2509	11.0	84735.1	-5320.2								
2510	11.0	84742.1	-5352.6								
2511	10.5	84755.0	-5349.5								
2512	9.2	84758.6	-5319.3								
2513	10.5	84808.0	-5302.2								
2514	10.8	84816.6	-5333.2								
2515	10.3	84820.5	-5327.5								
2516	9.6	84821.7	-5307.2								
2517	10.5	84825.5	-5322.5								
2518	10.8	84829.4	-5320.7								
2519	9.6	84832.5	-5311.2								
2520	10.5	84835.7	-5332.2								
2521	9.7	84855.1	-5341.8								
2522	10.8	84857.8	-5358.3								
2523	9.9	84915.5	-5341.2								
2524	10.5	84924.2	-5343.4								
2525	10.3	84936.0	-5351.2								
2526	10.3	84945.8	-5340.2								
2527	9.8	84954.5	-5354.5								
2528	9.5	85003.5	-5302.2								
2529	9.2	85006.8	-5341.0								
2530	10.5	85009.7	-5324.2								
2531	10.5	85011.1	-5357.5								
2532	9.7	85011.6	-5301.0								
2533	11.5	85026.3	-5312.5								
2534	9.6	85028.0	-5308.2								
2535	8.8	85035.2	-5350.0								
2536	11.0	85035.8	-5354.3								
2537	9.8	85039.3	-5350.8								
2538	10.5	85045.3	-5323.3								
2539	9.8	85045.9	-5351.2								
2540	10.8	85049.6	-5336.5								
2541	10.0	85100.1	-5334.0								
2542	11.0	85106.1	-5321.2								
2543	8.6	85107.9	-5319.0								
2544	10.5	85111.2	-5327.5								
2545	11.5	85112.8	-5332.2								
2546	10.8	85115.5	-5346.2								
2547	10.3	85119.6	-5343.2								
2548	10.3	85125.0	-5305.4								
2549	10.5	85126.0	-5301.2								
2550	10.3	85129.9	-5316.2								
2551	9.0	85144.2	-5330.2								
2552	9.2	85149.7	-5325.3								
2553	10.8	85150.0	-5353.3								
2554	9.8	85155.9	-5320.1								
2555	10.3	85202.7	-5325.3								
2556	11.5	85210.8	-5356.5								
2557	11.0	85225.0	-5334.1								
2558	11.0	85239.7	-5332.1								
2559	9.0	85244.1	-5319.1								
2560	9.0	85244.5	-5319.1								
2561	10.0	85246.8	-5305.1								
2562	9.2	85249.3	-5350.1								
2563	9.4	85304.2	-5320.1								
2564	8.6	35309.4	-5348.0								
2565	9.1	85310.3	-5344.2								
2566	8.6	85317.0	-5348.8								
2567	10.5	85320.3	-5320.1								
2568	10.5	85320.4	-5348.0								
2569	8.9	85332.5	-5307.1								
2570	9.0	85352.7	-5323.1								

-53 2571 8h53m

2571	10.8	85355.5	-5332.3	2661	10.8	90101.0	-5303.9	2751	11.0	90641.6	-5308.7
2572	11.0	85355.3	-5302.0	2662	11.5	90101.3	-5308.9	2752	11.0	90642.6	-5322.7
2573	10.5	85401.2	-5322.1	2663	11.5	90108.3	-5303.9	2753	11.0	90643.6	-5321.7
2574	10.3	85402.1	-5340.9	2664	11.8	90109.1	-5339.9	2754	9.3	90647.0	-5344.4
2575	11.0	85405.3	-5340.1	2665	11.0	90110.0	-5307.9	2755	9.2	90648.2	-5315.7
2576	11.0	85417.7	-5335.1	2666	10.8	90115.4	-5311.9	2756	11.0	90650.1	-5323.7
2577	10.5	85421.9	-5315.1	2667	11.5	90121.1	-5338.9	2757	10.8	90704.3	-5324.7
2578	9.7	85432.6	-5336.1	2668	9.5	90123.9	-5344.6	2758	11.0	90707.7	-5315.7
2579	11.0	85436.5	-5347.1	2669	11.5	90124.8	-5309.9	2759	10.5	90711.3	-5342.7
2580	10.8	85444.3	-5347.0	2670	10.8	90129.8	-5322.9	2760	11.0	90715.6	-5328.7
2581	10.5	85449.2	-5301.1	2671	11.5	90133.2	-5301.9	2761	10.3	90718.3	-5354.1
2582	9.6	85450.3	-5328.1	2672	9.6	90141.3	-5302.9	2762	11.0	90724.6	-5352.8
2583	9.4	85450.4	-5312.1	2673	10.8	90142.2	-5326.9	2763	9.3	90726.3	-5358.1
2584	9.6	85452.0	-5349.9	2674	11.0	90143.7	-5322.9	2764	10.8	90728.7	-5310.7
2585	10.8	85458.3	-5323.0	2675	10.8	90144.8	-5318.9	2765	11.0	90730.7	-5312.7
2586	10.3	85500.4	-5319.1	2676	11.3	90151.1	-5334.9	2766	11.0	90733.6	-5349.7
2587	11.3	85501.2	-5355.4	2677	10.0	90153.7	-5321.9	2767	10.3	90734.0	-5320.7
2588	10.5	85521.6	-5338.1	2678	10.0	90159.9	-5330.9	2768	10.3	90738.4	-5351.4
2589	10.8	85525.6	-5302.1	2679	10.3	90204.5	-5328.9	2769	11.0	90740.5	-5323.7
2590	11.0	85526.7	-5339.1	2680	10.0	90210.9	-5337.9	2770	10.3	90743.3	-5357.2
2591	9.6	85539.4	-5301.2	2681	10.8	90211.6	-5306.9	2771	9.0	90743.5	-5335.7
2592	10.5	85547.9	-5351.3	2682	10.5	90220.8	-5306.9	2772	11.0	90748.6	-5353.7
2593	9.4	85554.4	-5356.4	2683	9.7	90227.9	-5302.9	2773	7.2	90748.9	-5331.7
2594	10.8	85600.3	-5313.0	2684	10.8	90231.6	-5317.9	2774	10.5	90809.9	-5301.9
2595	11.0	85601.3	-5321.0	2685	10.8	90238.2	-5353.2	2775	10.5	90811.6	-5336.5
2596	10.0	85602.0	-5307.0	2686	8.8	90246.2	-5334.9	2776	8.0	90813.1	-5326.7
2597	9.4	85602.3	-5335.0	2687	10.5	90251.7	-5311.9	2777	10.3	90813.2	-5350.4
2598	11.0	85602.8	-5326.0	2688	11.0	90253.7	-5318.9	2778	11.0	90814.0	-5327.7
2599	7.3	85604.5	-5345.0	2689	10.0	90254.9	-5349.8	2779	11.0	90816.1	-5357.7
2600	10.8	85607.8	-5352.9	2690	11.3	90300.6	-5313.9	2780	10.3	90819.4	-5352.8
2601	10.3	85608.9	-5357.4	2691	11.0	90307.1	-5328.9	2781	10.0	90822.5	-5353.8
2602	9.7	85610.0	-5305.0	2692	9.5	90309.8	-5348.7	2782	9.6	90830.6	-5346.0
2603	10.8	85612.3	-5348.2	2693	10.0	90317.1	-5340.8	2783	10.5	90832.6	-5326.7
2604	9.6	85612.3	-5317.0	2694	10.5	90317.7	-5314.8	2784	9.2	90837.1	-5311.7
2605	10.8	85622.8	-5337.0	2695	10.0	90318.0	-5329.8	2785	8.7	90843.5	-5308.7
2606	10.0	85625.4	-5359.6	2696	10.8	90318.1	-5345.8	2786	10.5	90844.6	-5341.7
2607	9.8	85630.1	-5337.0	2697	10.5	90319.7	-5312.8	2787	10.8	90846.3	-5307.7
2608	10.5	85633.4	-5347.2	2698	10.5	90320.2	-5346.7	2788	10.5	90856.8	-5342.7
2609	11.0	85633.8	-5315.0	2699	10.0	90320.3	-5339.8	2789	10.3	90859.8	-5346.0
2610	9.2	85636.3	-5340.0	2700	10.0	90321.4	-5336.8	2790	10.8	90900.1	-5341.7
2611	10.5	85640.4	-5316.0	2701	10.8	90324.0	-5325.8	2791	10.8	90911.6	-5341.7
2612	10.3	85644.7	-5329.0	2702	10.3	90325.4	-5330.8	2792	10.8	90915.7	-5304.7
2613	10.0	85645.0	-5309.0	2703	11.0	90325.6	-5301.9	2793	10.5	90919.1	-5303.7
2614	9.5	85645.8	-5337.2	2704	10.5	90332.1	-5306.8	2794	10.5	90924.8	-5346.4
2615	9.6	85656.4	-5306.2	2705	10.3	90333.8	-5305.8	2795	7.7	90927.8	-5327.6
2616	9.3	85657.6	-5357.8	2706	11.0	90335.6	-5319.8	2796	10.5	90935.0	-5328.6
2617	10.3	85700.4	-5351.2	2707	11.0	90338.6	-5332.8	2797	10.3	90937.4	-5333.6
2618	7.4	85701.7	-5352.3	2708	9.2	90346.2	-5329.8	2798	10.5	90939.1	-5325.6
2619	9.4	85705.8	-5313.8	2709	10.5	90358.1	-5306.8	2799	10.8	90941.9	-5311.6
2620	10.3	85719.6	-5352.3	2710	10.5	90358.6	-5333.8	2800	10.8	90955.6	-5301.6
2621	10.3	85722.3	-5325.0	2711	10.8	90401.6	-5313.8	2801	10.5	90958.8	-5342.5
2622	10.8	85730.3	-5308.0	2712	10.5	90401.9	-5351.2	2802	9.4	90959.0	-5345.4
2623	9.1	85734.6	-5303.2	2713	10.5	90407.4	-5337.8	2803	10.5	91007.9	-5332.6
2624	10.3	85737.0	-5310.0	2714	8.4	90417.9	-5347.5	2804	10.8	91014.4	-5337.6
2625	10.3	85737.2	-5331.0	2715	10.8	90420.1	-5315.8	2805	10.5	91016.1	-5339.6
2626	10.3	85740.4	-5351.6	2716	10.8	90421.9	-5336.8	2806	9.6	91017.1	-5304.6
2627	10.5	85743.2	-5337.0	2717	10.8	90423.2	-5329.8	2807	11.0	91036.2	-5314.6
2628	10.5	85747.3	-5312.0	2718	10.0	90425.1	-5343.8	2808	10.0	91047.8	-5359.0
2629	10.8	85751.3	-5335.4	2719	10.8	90437.1	-5352.7	2809	9.2	91051.5	-5307.6
2630	8.6	85759.9	-5337.0	2720	11.5	90437.5	-5321.8	2810	11.0	91054.1	-5345.6
2631	9.8	85801.4	-5312.8	2721	10.8	90438.3	-5345.8	2811	10.5	91057.6	-5316.6
2632	9.5	85805.5	-5304.0	2722	9.4	90439.3	-5330.8	2812	9.2	91058.8	-5345.4
2633	10.5	85811.8	-5304.2	2723	9.2	90446.0	-5359.7	2813	9.3	91100.3	-5301.6
2634	11.0	85812.3	-5309.0	2724	9.2	90448.9	-5336.8	2814	10.5	91100.7	-5327.6
2635	10.8	85821.3	-5309.0	2725	10.8	90450.9	-5316.8	2815	9.9	91101.2	-5312.6
2636	11.0	85827.5	-5356.3	2726	10.8	90451.7	-5315.8	2816	10.8	91105.6	-5345.6
2637	11.0	85844.3	-5321.8	2727	10.8	90453.6	-5359.9	2817	10.5	91110.1	-5359.8
2638	10.5	85853.5	-5342.0	2728	9.6	90454.6	-5353.1	2818	10.3	91112.2	-5347.3
2639	10.5	85916.8	-5335.0	2729	7.8	90454.9	-5351.7	2819	10.3	91117.5	-5323.6
2640	6.8	85919.5	-5303.2	2730	10.5	90457.6	-5333.8	2820	10.8	91122.1	-5318.6
2641	10.5	85924.5	-5337.9	2731	7.2	90503.0	-5304.8	2821	10.0	91126.3	-5354.0
2642	11.0	85925.9	-5358.3	2732	10.3	90514.3	-5355.1	2822	10.3	91130.4	-5339.6
2643	9.0	85939.9	-5355.3	2733	10.5	90520.1	-5306.8	2823	10.0	91130.9	-5305.6
2644	10.5	85956.1	-5339.9	2734	11.5	90521.6	-5330.8	2824	10.3	91143.9	-5334.6
2645	10.5	85959.4	-5317.9	2735	9.3	90527.0	-5317.8	2825	10.3	91146.5	-5323.6
2646	9.9	90002.9	-5301.9	2736	11.0	90529.1	-5307.1	2826	10.5	91201.6	-5330.6
2647	8.6	90002.3	-5334.9	2737	11.0	90532.6	-5337.8	2827	11.0	91216.1	-5341.6
2648	9.8	90005.2	-5333.9	2738	10.8	90540.8	-5304.8	2828	11.0	91220.1	-5300.6
2649	10.8	90008.3	-5331.9	2739	8.0	90557.5	-5354.6	2829	11.0	91221.1	-5337.6
2650	9.1	90010.6	-5313.9	2740	11.0	90612.1	-5309.7	2830	9.5	91230.3	-5353.3
2651	10.8	90017.3	-5341.9	2741	10.0	90613.5	-5321.7	2831	9.5	91231.6	-5322.6
2652	10.8	90019.0	-5300.9	2742	10.5	90619.5	-5323.7	2832	8.1	91243.5	-5321.6
2653	11.3	90022.8	-5341.9	2743	11.0	90620.4	-5345.7	2833	10.8	91245.6	-5319.6
2654	9.6	90023.5	-5312.9	2744	10.5	90620.8	-5300.7	2834	8.6	91245.7	-5325.6
2655	11.0	90025.5	-5308.9	2745	10.3	90621.4	-5350.4	2835	10.8	91255.6	-5317.6
2656	10.5	90031.2	-5300.9	2746	10.5	90626.1	-5322.7	2836	10.0	91256.0	-5348.2
2657	10.8	90041.0	-5344.9	2747	10.3	90629.8	-5302.7	2837	10.8	91301.1	-5303.6
2658	10.0	90049.5	-5306.9	2748	10.3	90629.8	-5342.7	2838	10.5	91309.7	-5312.6
2659	10.8	90056.5	-5309.9	2749	10.3	90635.1	-5351.2	2839	10.0	91310.3	-5359.5
2660	10.5	90057.8	-5358.1	2750	8.6	90639.8	-5322.7	2840	11.3	91337.4	-5331.5

-53 2930 9h21m

2841	9.2	91341.1	-5359.5	2851	10.0	91429.2	-5357.0	2861	9.3	91507.1	-5314.5
2842	10.8	91347.1	-5328.5	2852	11.5	91430.5	-5314.5	2862	10.5	91517.3	-5350.6
2843	6.0	91351.0	-5358.5	2853	10.8	91431.2	-5355.0	2863	9.3	91519.2	-5330.5
2844	10.3	91354.0	-5354.8	2854	10.5	91443.0	-5301.5	2864	10.5	91520.9	-5304.5
2845	11.5	91358.9	-5356.4	2855	11.0	91444.4	-5339.5	2865	10.0	91531.7	-5331.5
2846	10.3	91409.2	-5344.5	2856	10.8	91444.6	-5309.5	2866	10.5	91533.9	-5318.5
2847	10.5	91413.6	-5359.0	2857	8.1	91450.1	-5304.5	2867	8.6	91536.8	-5351.0
2848	10.5	91415.7	-5331.5	2858	10.8	91451.6	-5340.5	2868	10.8	91536.9	-5300.5
2849	11.0	91419.9	-5301.5	2859	11.5	91451.9	-5322.5	2869	8.0	91542.3	-5312.5
2850	10.3	91428.1	-5300.5	2860	11.5	91503.9	-5318.5	2870	10.3	91543.3	-5320.5
2871	10.0	91549.4	-5305.4								
2872	10.5	91551.9	-53.7.5								
2873	10.5	91557.9	-5318.5								
2874	11.0	91602.7	-5301.5								
2875	11.0	91603.5	-5339.5								
2876	10.3	91603.7	-5303.5								
2877	10.8	91606.2	-5307.5								
2878	10.3	91607.9	-5326.5								
2879	10.8	91613.6	-5317.5								
2880	9.4	91614.0	-5356.4								
2881	9.8	91618.0	-5358.0								
2882	11.0	91645.0	-5307.5								
2883	10.0	91659.9	-5334.4								
2884	9.3	91701.0	-5301.4								
2885	9.1	91704.2	-5306.4								
2886	10.0	91704.3	-5331.4								
2887	9.4	91715.3	-5353.7								
2888	10.5	91729.7	-5311.4								
2889	11.0	91730.8	-5332.4								
2890	11.0	91735.0	-5324.4								
2891	11.0	91741.7	-5336.4								
2892	10.0	91745.5	-5302.4								
2893	9.3	91749.2	-5330.4								
2894	9.4	91754.9	-5316.4								
2895	10.3	91759.4	-5353.8								
2896	10.5	91802.8	-5337.4								
2897	10.8	91806.5	-5323.4								
2898	11.0	91807.7	-5348.5								
2899	10.8	91811.0	-5344.4								
2900	10.0	91813.4	-5322.4								
2901	10.8	91816.0	-5322.4								
2902	10.8	91818.6	-5322.4								
2903	11.0	91821.5	-5320.4								
2904	8.3	91823.8	-5356.2								
2905	11.0	91825.0	-5313.4								
2906	10.8	91826.0	-5327.4								
2907	8.3	91829.1	-5312.4								
2908	10.8	91832.4	-5325.4								
2909	11.5	91832.5	-5353.1								
2910	11.0	91835.9	-5325.4								
2911	10.5	91841.2	-5325.4								
2912	9.2	91857.5	-5349.4								
2913	9.1	91903.2	-5351.2								
2914	8.5	91905.3	-5304.4								
2915	7.4	91906.8	-5317.4								
2916	10.0	91928.8	-5315.4								
2917	10.0	91940.5	-5351.5								
2918	10.5	91949.8	-5349.2								
2919	10.5	91952.7	-5326.4								
2920	9.9	91957.7	-5326.4								
2921	9.5	91959.2	-5336.4								
2922	10.3	92002.0	-5303.4								
2923	9.4	92002.6	-5347.3								
2924	10.0	92007.5	-5344.4								
2925	11.0	92009.5	-5315.4								
2926	10.5	92020.6	-5337.4								
2927	9.8	92042.2	-5326.3								
2928	10.3	92042.3	-5348.1								
2929	10.3	92048.6	-5317.3								
2930	10.8	92100.7	-5324.3								

-53 2931 9h21m

-53 3290 9h57m

2931	10.3	92107.8	-5301.3	3021	10.3	92844.6	-5324.1	3111	10.0	93734.5	-5302.9
2932	7.1	92122.2	-5355.3	3022	9.5	92847.0	-5354.0	3112	10.5	93737.0	-5344.9
2933	10.0	92130.7	-5324.3	3023	10.5	92900.0	-5355.2	3113	8.0	93739.7	-5338.9
2934	9.2	92136.6	-5338.3	3024	11.0	92916.1	-5321.1	3114	9.8	93753.1	-5349.9
2935	10.0	92137.7	-5323.3	3025	11.0	92918.8	-5312.1	3115	11.0	93812.1	-5317.9
2936	9.7	92138.9	-5314.3	3026	10.8	92921.1	-5326.1	3116	10.5	93825.7	-5345.9
2937	10.5	92144.6	-5302.3	3027	10.8	92925.4	-5304.1	3117	10.3	93835.9	-5324.9
2938	9.2	92147.3	-5306.3	3028	10.8	92931.5	-5355.3	3118	8.6	93836.2	-5332.9
2939	9.3	92152.3	-5321.3	3029	10.0	92938.8	-5316.1	3119	9.1	93837.9	-5320.9
2940	7.5	92156.4	-5318.3	3030	8.0	92940.2	-5329.1	3120	11.0	93842.9	-5353.2
2941	9.3	92204.2	-5304.3	3031	9.9	92943.7	-5300.1	3121	11.0	93846.5	-5317.9
2942	8.6	92212.4	-5349.3	3032	10.3	92944.9	-5309.1	3122	10.5	93847.1	-5312.9
2943	9.6	92217.1	-5337.3	3033	8.5	92946.6	-5305.1	3123	10.5	93847.7	-5339.9
2944	9.5	92219.3	-5308.7	3034	10.3	92953.8	-5320.1	3124	9.7	93856.0	-5354.4
2945	9.6	92222.7	-5302.3	3035	10.3	92958.0	-5330.1	3125	8.2	93858.7	-5329.9
2946	10.8	92231.3	-5348.6	3036	9.4	93000.3	-5336.1	3126	9.8	93859.0	-5315.9
2947	9.1	92245.0	-5319.3	3037	10.5	93004.4	-5346.1	3127	10.8	93900.8	-5333.9
2948	9.5	92251.4	-5346.3	3038	10.5	93006.7	-5358.0	3128	9.6	93907.1	-5313.9
2949	7.4	92253.8	-5348.3	3039	10.5	93012.9	-5305.1	3129	8.5	93918.8	-5353.9
2950	10.0	92253.8	-5315.3	3040	9.8	93027.4	-5309.1	3130	10.3	93925.7	-5302.0
2951	11.0	92313.8	-5325.2	3041	9.4	93029.3	-5331.1	3131	5.7	93928.0	-5319.0
2952	8.7	92315.4	-5346.2	3042	11.0	93033.8	-5340.1	3132	10.3	93932.3	-5350.0
2953	8.5	92319.5	-5325.3	3043	10.3	93038.8	-5312.1	3133	10.5	93933.6	-5314.0
2954	10.3	92324.8	-5330.3	3044	10.3	93042.3	-5311.1	3134	10.0	93944.9	-5349.5
2955	10.3	92325.4	-5318.3	3045	11.0	93042.8	-5316.1	3135	9.6	93945.9	-5306.6
2956	10.8	92329.0	-5350.0	3046	11.0	93045.9	-5351.1	3136	9.6	93950.2	-5339.1
2957	9.5	92329.6	-5355.0	3047	10.3	93101.0	-5331.1	3137	8.1	93950.9	-5310.1
2958	10.5	92330.6	-5329.3	3048	10.5	93107.0	-5326.1	3138	9.8	93951.2	-5331.1
2959	10.3	92332.1	-5334.3	3049	10.8	93109.2	-5345.8	3139	10.5	93956.0	-5339.1
2960	10.5	92341.6	-5343.2	3050	10.0	93110.5	-5332.1	3140	9.8	94008.7	-5355.2
2961	10.0	92354.3	-5330.3	3051	10.0	93110.6	-5326.1	3141	10.0	94022.7	-5353.6
2962	9.5	92354.9	-5318.3	3052	9.6	93111.6	-5343.1	3142	11.0	94033.0	-5301.1
2963	9.6	92359.1	-5341.3	3053	9.7	93117.6	-5341.1	3143	10.0	94035.4	-5324.1
2964	9.6	92400.5	-5345.4	3054	8.1	93140.3	-5337.1	3144	8.9	94035.6	-5352.2
2965	10.3	92402.0	-5357.2	3055	9.5	93147.0	-5339.1	3145	7.5	94103.3	-5340.6
2966	9.6	92403.5	-5304.3	3056	10.3	93149.6	-5301.1	3146	9.7	94109.9	-5341.1
2967	10.0	92409.3	-5345.4	3057	10.5	93157.5	-5302.1	3147	9.0	94111.8	-5347.9
2968	8.3	92410.7	-5322.3	3058	10.5	93201.9	-5302.0	3148	9.1	94111.8	-5343.5
2969	10.3	92414.4	-5329.3	3059	9.8	93206.6	-5321.0	3149	9.5	94118.6	-5323.1
2970	9.6	92414.5	-5339.3	3060	10.5	93216.3	-5313.0	3150	11.0	94121.9	-5326.1
2971	10.3	92416.6	-5332.3	3061	10.8	93232.0	-5331.0	3151	10.0	94133.1	-5349.3
2972	10.0	92425.0	-5352.0	3062	10.5	93250.1	-5326.0	3152	10.5	94142.6	-5354.2
2973	10.3	92435.4	-5346.1	3063	10.5	93252.6	-5327.0	3153	10.5	94152.7	-5317.1
2974	10.8	92437.3	-5354.6	3064	10.5	93252.6	-5344.8	3154	10.5	94154.2	-5315.1
2975	10.5	92437.7	-5321.2	3065	9.9	93256.1	-5303.0	3155	10.6	94155.0	-5349.9
2976	10.5	92445.7	-5323.2	3066	10.5	93256.1	-5346.0	3156	10.3	94207.1	-5342.5
2977	10.3	92446.0	-5345.2	3067	9.2	93302.0	-5317.0	3157	8.8	94207.4	-5334.1
2978	10.3	92446.7	-5314.2	3068	5.5	93302.0	-5306.0	3158	9.6	94222.2	-5314.7
2979	9.2	92456.4	-5357.0	3069	9.6	93321.0	-5303.0	3159	10.0	94230.8	-5300.1
2980	10.3	92459.9	-5347.1	3070	9.5	93322.6	-5312.0	3160	10.8	94234.7	-5311.1
2981	9.3	92500.5	-5308.2	3071	10.0	93329.9	-5309.0	3161	10.5	94244.6	-5343.8
2982	9.6	92501.0	-5353.0	3072	10.5	93336.6	-5319.0	3162	11.0	94248.9	-5323.1
2983	9.7	92503.5	-5342.2	3073	9.1	93339.6	-5307.0	3163	10.5	94251.0	-5347.6
2984	11.0	92513.4	-5312.2	3074	11.0	93344.8	-5319.0	3164	9.3	94251.2	-5337.1
2985	10.0	92515.6	-5333.2	3075	11.0	93347.5	-5336.0	3165	9.8	94253.6	-5343.0
2986	11.0	92518.6	-5318.2	3076	11.0	93353.6	-5319.0	3166	10.3	94314.4	-5301.7
2987	9.8	92525.9	-5346.1	3077	7.4	93353.9	-5339.0	3167	9.6	94315.7	-5343.0
2988	9.4	92526.0	-5303.2	3078	9.6	93401.7	-5302.0	3168	10.5	94321.9	-5327.0
2989	10.3	92546.0	-5309.2	3079	10.3	93402.2	-5307.0	3169	10.3	94326.9	-5327.6
2990	8.4	92547.6	-5353.0	3080	11.0	93404.6	-5318.0	3170	10.8	94336.3	-5302.7
2991	10.5	92555.2	-5317.2	3081	11.0	93404.7	-5305.0	3171	10.3	94340.2	-5315.0
2992	9.7	92601.4	-5312.2	3082	10.5	93424.3	-5302.0	3172	10.5	94345.0	-5330.0
2993	10.5	92601.6	-5355.0	3083	8.8	93440.6	-5345.6	3173	9.9	94352.0	-5339.0
2994	10.5	92602.4	-5317.2	3084	9.8	93444.3	-5333.0	3174	10.3	94354.0	-5355.9
2995	10.8	92607.0	-5354.0	3085	9.5	93449.9	-5330.0	3175	10.3	94356.0	-5344.9
2996	10.0	92615.1	-5324.2	3086	11.0	93501.1	-5311.0	3176	7.5	94357.1	-5349.0
2997	10.0	92627.3	-5317.2	3087	9.0	93501.4	-5329.0	3177	10.5	94410.0	-5350.4
2998	10.8	92630.6	-5348.2	3088	8.1	93517.4	-5342.0	3178	11.0	94430.4	-5324.0
2999	10.0	92649.6	-5327.2	3089	9.2	93524.2	-5345.0	3179	8.2	94432.0	-5300.0
3000	10.0	92652.1	-5328.2	3090	8.4	93526.3	-5355.0	3180	9.4	94437.1	-5329.0
3001	10.3	92656.2	-5343.1	3091	9.8	93527.3	-5339.0	3181	9.8	94444.2	-5305.0
3002	10.0	92658.7	-5329.6	3092	10.0	93531.2	-5311.0	3182	9.2	94501.8	-5337.0
3003	10.3	92702.4	-5308.2	3093	10.3	93536.3	-5332.0	3183	9.5	94503.8	-5320.0
3004	7.9	92716.6	-5315.2	3094	9.0	93543.2	-5335.9	3184	10.0	94504.8	-5331.0
3005	10.5	92716.8	-5359.2	3095	9.9	93544.2	-5344.9	3185	10.0	94505.2	-5313.0
3006	11.0	92729.1	-5322.2	3096	9.8	93549.4	-5327.9	3186	9.7	94516.6	-5334.0
3007	9.9	92740.8	-5315.2	3097	10.0	93550.4	-5326.9	3187	8.8	94522.9	-5329.0
3008	10.5	92743.4	-5346.1	3098	11.0	93600.2	-5301.9	3188	10.8	94536.5	-5314.0
3009	10.8	92749.8	-5311.2	3099	9.8	93603.0	-5346.9	3189	10.0	94550.2	-5356.6
3010	10.5	92751.3	-5314.2	3100	10.3	93609.2	-5339.9	3190	10.0	94555.0	-5357.4
3011	11.5	92804.5	-5354.0	3101	8.6	93617.4	-5348.9	3191	10.0	94600.2	-5311.0
3012	10.5	92806.8	-5358.0	3102	10.3	93631.8	-5301.9	3192	10.8	94605.3	-5356.6
3013	9.9	92815.0	-5305.1	3103	9.7	93640.0	-5330.9	3193	10.0	94607.2	-5351.9
3014	11.0	92816.3	-5311.1	3104	10.8	93646.2	-5303.9	3194	9.8	94609.5	-5336.0
3015	9.6	92819.4	-5332.1	3105	10.5	93651.8	-5300.9	3195	10.0	94630.0	-5357.7
3016	8.1	92823.4	-5342.1	3106	9.6	93707.0	-5340.9	3196	11.0	94630.7	-5314.0
3017	10.3	92824.1	-5320.1	3107	10.5	93707.3	-5358.4	3197	10.8	94639.4	-5325.0
3018	10.3	92830.8	-5318.1	3108	10.5	93711.7	-5343.9	3198	10.0	94640.3	-5357.9
3019	8.3	92840.0	-5329.1	3109	9.8	93719.0	-5350.9	3199	11.0	94649.2	-5319.0
3020	10.8	92842.0	-5349.2	3110	9.9	93733.8	-5335.9	3200	10.5	94656.1	-5345.2
3201	9.7	94658.5	-5313.0								
3202	9.7	94707.2	-5316.0								
3203	10.3	94714.1	-5306.0								
3204	9.6	94727.6	-5346.0								
3205	10.8	94736.0	-5332.0								
3206	10.5	94740.6	-5306.0								
3207	10.0	94744.9	-5327.0								
3208	8.5	94747.2	-5342.0								
3209	8.8	94748.6	-5318.0								
3210	9.8	94800.3	-5324.0								
3211	9.7	94807.0	-5350.9								
3212	9.7	94818.1	-5322.0								
3213	9.2	94818.2	-5344.0								
3214	9.7	94830.4	-5319.3								
3215	11.0	94831.8	-5336.0								
3216	9.0	94838.3	-5337.0								
3217	11.0	94843.0	-5303.0								
3218	9.8	94850.2	-5334.0								
3219	10.0	94858.8	-5344.0								
3220	10.0	94901.5	-5344.9								
3221	8.4	94905.6	-5342.0								
3222	9.5	94911.9	-5316.0								
3223	9.6	94914.1	-5338.6								
3224	9.7	94920.3	-5344.0								
3225	9.6	94925.5	-5348.0								
3226	9.7	94946.0	-5303.0								
3227	8.6	94957.0	-5338.0								
3228	10.3	95005.9	-5325.3								
3229	9.4	95007.1	-5322.6								
3230	9.5	95009.7	-5347.8								
3231	10.0	95010.0	-5337.0								
3232	11.0	95012.7	-5334.0								
3233	9.8	95021.6	-5306.6								
3234	10.3	95036.6	-5342.0								
3235	9.0	95040.0	-5347.9								
3236	9.7	95042.6	-5347.6								
3237	10.3	95049.8	-5344.9								
3238	10.0	95057.4	-5327.6								
3239	9.8	95109.1	-5343.9								
3240	10.5	95116.5	-5334.5								
3241	9.6	95116.8	-5318.9								
3242	10.0	95119.7	-5315.9								
3243	10.3	95120.8	-5349.9								
3244	8.2	95133.3	-5327.9								
3245	9.6	95144.0	-5350.2								
3246	7.2	95147.1	-5301.9								
3247	9.6	95148.5	-5322.9								
3248	10.3	95206.5	-5326.9								
3249	10.3	95211.3	-5357.4								
3250	8.3	95213.8	-5349.6								
3251	3.7	95228.4	-5358.2								
3252	11.0	95231.6	-5323.9								
3253	10.0	95245.5	-5325.9								
3254	10.0	95253.3	-5315.9								
3255	9.0	95305.1	-5346.9								
3256	10.5	95305.8	-5315.9								
3257	9.3	95322.9	-5348.6								
3258	10.5	95326.0	-5348.6								
3259	9.6	95328.0	-5310.9								
3260	11.0	95331.1	-5338.4								
3261	11.0	95335.1	-5330.9								
3262	10.8	95338.9	-5336.9								
3263	11.5	95402.1	-5307.9								
3264	11.0	95406.0	-5330.9								
3265	11.3	95412.0	-5330.9								
3266	11.3	95414.6	-5343.9								
3267	11.3	95415.7	-5348.8								
3268	9.9	95416.2	-5315.9								
3269	11.3	95434.9	-5322.9								
3270	11.3	95445.1	-5305.9								
3271	12.0	95446.1	-5302.9								
3272	11.0	95448.4	-5323.4								
3273	11.8	95452.3	-5344.9								
3274	10.3	95454.6	-5350.8								
3275	11.0	95500.9	-5319.9								
3276	9.8	95504.6	-5350.8								
3277	11.5	95505.2	-5310.5								
3278	11.5	95509.6	-5311.9								
3279	10.5	95509.8	-5320.9								
3280	11.0	95517.2	-5343.9								
3281	11.3	95523.5	-5344.5								
3282	10.3	95523.7	-5321.9								
3283	10.3	95537.4	-5328.9								
3284	10.0	95538.3	-5323.9								
3285	10.5	95545.8	-5349.6								
3286	9.1	95546.2	-5313.9								
3287	10.5	95615.0	-5343.9								
3288	11.0	95628.9	-5357.5								
3289	10.3	95656.3	-5334.9								
3290	12.0	95700.1	-5300.9								

-53 3291 9h57m

-53 3650 10h37m

3291	9.9	95709.0	-5348.8	3381	11.5	100559.5	-5301.8	3471	9.8	101556.1	-5314.6
3292	11.3	95713.5	-5340.5	3382	11.0	100600.2	-5323.8	3472	10.5	101556.4	-5309.6
3293	10.0	95715.9	-5332.9	3383	9.2	100602.3	-5315.8	3473	10.5	101558.2	-5316.1
3294	11.0	95721.1	-5302.9	3384	10.5	100605.3	-5336.8	3474	10.3	101602.3	-5341.6
3295	10.5	95722.9	-5347.2	3385	10.3	100610.7	-5347.8	3475	10.5	101610.5	-5301.6
3296	8.3	95723.6	-5335.9	3386	10.8	100618.5	-5317.8	3476	9.1	101631.8	-5325.8
3297	11.0	95731.4	-5348.7	3387	10.8	100618.9	-5352.6	3477	10.3	101633.0	-5325.6
3298	11.0	95735.1	-5302.9	3388	9.8	100626.8	-5331.8	3478	10.5	101634.7	-5336.2
3299	11.0	95743.1	-5314.9	3389	9.5	100627.7	-5325.8	3479	9.3	101639.4	-5304.4
3300	10.3	95748.5	-5359.2	3390	9.6	100628.9	-5348.0	3480	11.0	101655.6	-5353.6
3301	10.3	95752.3	-5326.9	3391	10.5	100702.0	-5311.8	3481	9.7	101711.5	-5350.6
3302	10.5	95806.8	-5319.9	3392	11.0	100718.1	-5343.8	3482	8.4	101719.6	-5308.6
3303	10.5	95814.5	-5349.7	3393	9.1	100754.4	-5348.6	3483	10.5	101721.1	-5319.6
3304	9.9	95820.0	-5303.9	3394	9.2	100754.8	-5333.7	3484	10.3	101727.1	-5347.6
3305	11.3	95822.3	-5327.9	3395	10.5	100809.9	-5313.7	3485	8.4	101727.2	-5357.4
3306	10.5	95823.8	-5340.7	3396	10.5	100811.7	-5344.6	3486	11.0	101731.6	-5325.6
3307	11.0	95832.3	-5330.9	3397	8.3	100815.4	-5357.5	3487	8.2	101733.5	-5308.6
3308	8.4	95833.1	-5357.5	3398	9.9	100819.0	-5302.7	3488	11.3	101735.4	-5346.5
3309	11.0	95835.8	-5335.9	3399	10.3	100821.7	-5345.3	3489	10.5	101743.0	-5343.6
3310	11.0	95904.8	-5354.0	3400	9.6	100829.0	-5348.7	3490	10.3	101803.1	-5319.6
3311	10.3	95907.9	-5305.8	3401	10.5	100834.9	-5315.7	3491	11.0	101803.5	-5346.4
3312	9.4	95921.9	-5355.7	3402	10.5	100839.7	-5338.7	3492	10.5	101804.6	-5349.4
3313	9.8	95925.6	-5342 8	3403	10.0	100842.6	-5324.7	3493	10.3	101804.7	-5354.4
3314	10.5	95936.0	-5348.7	3404	10.3	100847.8	-5352.6	3494	9.6	101805.9	-5357.4
3315	11.5	95942.2	-5320.8	3405	9.3	100851.2	-5303.7	3495	10.0	101809.6	-5319.6
3316	11.0	95949.4	-5305.8	3406	10.0	100856.1	-5322.7	3496	9.5	101810.0	-5337.3
3317	9.6	95951.2	-5312.8	3407	10.5	100857.6	-5359.3	3497	9.9	101810.6	-5324.6
3318	11.5	95955.6	-5327.4	3408	10.3	100900.2	-5346.4	3498	9.0	101829.0	-5344.8
3319	9.6	100004.1	-5323.3	3409	9.2	100913.6	-5351.8	3499	9.7	101835.3	-5316.0
3320	10.0	100007.1	-5313.8	3410	9.3	100915.4	-5313.7	3500	9.5	101846.4	-5316.6
3321	10.5	100009.7	-5356.9	3411	10.3	100920.8	-5314.7	3501	10.0	101908.7	-5303.6
3322	10.5	100013.7	-5353.7	3412	10.5	100923.6	-5337.7	3502	10.5	101908.9	-5347.4
3323	11.5	100016.5	-5344.8	3413	10.5	100923.7	-5353.8	3503	11.0	101914.8	-5357.0
3324	9.0	100016.6	-5347.8	3414	10.5	100927.2	-5347.7	3504	7.9	101925.3	-5305.6
3325	10.0	100023.1	-5326.8	3415	10.0	100939.2	-5303.7	3505	9.6	101928.5	-5323.1
3326	10.5	100023.5	-5304.8	3416	9.6	100945.3	-5302.7	3506	10.3	101933.5	-5339.0
3327	11.5	100030.5	-5318.8	3417	10.0	100957.2	-5345.7	3507	8.0	101945.6	-5323.2
3328	11.0	100033.4	-5350.7	3418	10.8	101014.0	-5345.5	3508	9.8	101947.8	-5334.6
3329	8.9	100037.5	-5303.8	3419	11.3	101026.0	-5349.5	3509	10.8	101949.0	-5353.5
3330	11.5	100049.0	-5306.8	3420	9.1	101035.2	-5351.5	3510	7.4	101951.1	-5341.6
3331	9.7	100053.9	-5315.8	3421	10.3	101053.7	-5347.0	3511	10.0	102001.3	-5323.6
3332	10.8	100055.8	-5352.9	3422	10.0	101054.0	-5352.5	3512	10.0	102008.8	-5329.6
3333	10.8	100056.6	-5333.8	3423	10.0	101103.3	-5311.7	3513	10.5	102022.7	-5318.6
3334	10.3	100106.8	-5351.3	3424	10.5	101109.2	-5339.7	3514	10.3	102040.4	-5319.6
3335	10.3	100108.8	-5308.8	3425	9.3	101119.7	-5317.2	3515	11.0	102047.0	-5343.3
3336	9.5	100113.2	-5329.8	3426	10.0	101122.5	-5345.3	3516	7.3	102123.3	-5315.6
3337	7.8	100125.9	-5358.7	3427	9.7	101122.7	-5318.7	3517	9.0	102126.6	-5353.2
3338	10.5	100138.0	-5319.8	3428	10.0	101124.2	-5310.7	3518	11.5	102132.4	-5354.3
3339	10.5	100138.1	-5344.6	3429	9.8	101126.5	-5358.5	3519	11.5	102132.9	-5358.0
3340	11.0	100140.4	-5307.0	3430	9.3	101148.9	-5327.7	3520	10.3	102133.1	-5309.6
3341	10.8	100144.6	-5355.9	3431	10.3	101209.5	-5359.7	3521	10.5	102134.4	-5356.3
3342	10.3	100144.6	-5356.9	3432	10.3	101210.5	-5356.5	3522	9.1	102158.3	-5302.6
3343	8.8	100145.3	-5327.6	3433	10.3	101212.1	-5350.5	3523	10.3	102201.8	-5325.6
3344	10.5	100148.2	-5306.8	3434	10.3	101212.3	-5358.5	3524	12.0	102212.2	-5358.1
3345	11.5	100159.4	-5339.8	3435	10.0	101224.9	-5338.7	3525	10.5	102216.0	-5305.0
3346	8.0	100201.6	-5304.8	3436	10.5	101230.2	-5343.7	3526	10.3	102221.5	-5356.5
3347	10.5	100213.5	-5325.8	3437	9.5	101233.0	-5317.7	3527	10.3	102230.9	-5335.6
3348	9.4	100215.7	-5307.8	3438	10.5	101235.5	-5352.5	3528	10.5	102235.5	-5318.6
3349	8.3	100218.8	-5318.0	3439	10.3	101235.5	-5355.3	3529	8.3	102237.0	-5302.6
3350	7.5	100236.6	-5356.9	3440	9.5	101238.7	-5336.9	3530	8.2	102245.4	-5315.6
3351	10.0	100241.0	-5358.2	3441	10.5	101240.7	-5337.2	3531	9.2	102307.6	-5349.4
3352	11.3	100244.0	-5321.8	3442	8.2	101247.5	-5346.3	3532	10.0	102314.2	-5344.6
3353	10.5	100245.2	-5311.8	3443	9.2	101249.2	-5311.1	3533	10.8	102322.0	-5353.2
3354	11.5	100248.8	-5335.8	3444	10.3	101255.5	-5354.4	3534	10.3	102330.9	-5318.5
3355	10.8	100254.7	-5312.8	3445	9.6	101257.8	-5320.0	3535	9.9	102330.9	-5342.5
3356	9.0	100310.8	-5317.6	3446	9.6	101301.0	-5314.7	3536	11.8	102351.3	-5354.9
3357	10.0	100312.0	-5301.8	3447	9.6	101301.9	-5302.7	3537	10.5	102351.7	-5324.5
3358	10.3	100315.0	-5329.8	3448	10.5	101303.0	-5345.5	3538	10.0	102402.9	-5342.5
3359	10.3	100321.6	-5301.8	3449	10.5	101309.5	-5352.6	3539	10.3	102410.1	-5301.5
3360	9.5	100325.4	-5328.8	3450	8.4	101311.7	-5359.6	3540	9.8	102412.0	-5352.2
3361	9.4	100327.2	-5358.9	3451	9.5	101318.2	-5300.7	3541	10.3	102414.2	-5307.5
3362	10.0	100340.3	-5310.4	3452	10.5	101321.4	-5357.4	3542	9.7	102414.5	-5306.5
3363	10.3	100352.0	-5350.8	3453	10.5	101333.5	-5352.4	3543	10.5	102425.1	-5320.5
3364	9.3	100354.8	-5345.2	3454	9.3	101334.2	-5321.7	3544	10.3	102433.2	-5348.8
3365	10.5	100358.4	-5330.8	3455	8.8	101341.4	-5357.4	3545	9.6	102433.5	-5322.1
3366	10.8	100400.0	-5356.2	3456	9.7	101357.3	-5337.2	3546	9.5	102436.8	-5323.5
3367	11.3	100405.4	-5348.6	3457	9.8	101402.0	-5318.3	3547	9.0	102437.7	-5337.5
3368	10.0	100431.5	-5305.8	3458	9.2	101403.5	-5340.3	3548	9.7	102447.2	-5341.5
3369	10.8	100433.9	-5333.8	3459	9.8	101409.0	-5316.7	3549	10.0	102452.7	-5341.2
3370	11.0	100441.8	-5322.8	3460	9.8	101412.0	-5315.7	3550	9.5	102456.1	-5325.5
3371	9.4	100455.5	-5343.3	3461	10.5	101417.4	-5353.4	3551	10.8	102507.3	-5350.6
3372	11.0	100458.9	-5311.4	3462	9.5	101423.8	-5334.7	3552	10.0	102511.4	-5303.5
3373	10.3	100500.0	-5308.8	3463	9.7	101427.3	-5333.7	3553	9.8	102513.7	-5303.5
3374	10.5	100504.0	-5344.4	3464	10.5	101445.3	-5354.4	3554	10.5	102519.2	-5302.5
3375	11.0	100512.2	-5347.8	3465	9.4	101448.1	-5352.9	3555	10.3	102519.7	-5305.2
3376	12.0	100513.7	-5325.8	3466	10.0	101502.4	-5352.4	3556	9.1	102520.8	-5323.5
3377	10.3	100514.0	-5353.8	3467	9.5	101512.4	-5315.6	3557	11.5	102524.4	-5350.6
3378	10.8	100525.2	-5331.8	3468	9.5	101516.3	-5305.6	3558	10.3	102526.2	-5305.5
3379	10.5	100536.7	-5323.8	3469	10.0	101548.1	-5323.6	3559	10.0	102539.7	-5300.5
3380	10.3	100539.6	-5325.8	3470	7.7	101552.8	-5301.9	3560	10.3	102543.0	-5327.5
3561	8.3	102550.8	-5350.2								
3562	8.7	102552.5	-5352.2								
3563	10.5	102554.1	-5329.5								
3564	8.3	102556.5	-5322.5								
3565	9.9	102556.7	-5339.2								
3566	9.6	102558.6	-5313.5								
3567	10.0	102628.2	-5356.4								
3568	10.3	102629.0	-5346.4								
3569	5.1	102631.0	-5304.5								
3570	11.0	102632.0	-5351.3								
3571	9.0	102633.0	-5304.5								
3572	9.4	102650.1	-5326.5								
3573	11.0	102702.0	-5345.6								
3574	10.3	102710.0	-5306.5								
3575	11.8	102733.7	-5350.2								
3576	10.5	102734.3	-5358.6								
3577	11.0	102752.7	-5352.4								
3578	9.2	102811.2	-5320.5								
3579	9.9	102817.3	-5334.5								
3580	10.3	102830.1	-5332.5								
3581	10.3	102832.2	-5341.5								
3582	11.0	102833.6	-5345.8								
3583	10.5	102845.5	-5350.2								
3584	9.6	102906.2	-5342.5								
3585	10.5	102917.1	-5358.4								
3586	9.7	102917.4	-5343.5								
3587	9.0	102921.6	-5352.6								
3588	10.8	102922.2	-5359.1								
3589	9.5	102934.0	-5326.5								
3590	9.1	102936.7	-5306.5								
3591	9.5	102937.2	-5318.5								
3592	11.5	102940.0	-5354.8								
3593	9.5	102945.6	-5338.5								
3594	10.0	102952.3	-5309.5								
3595	11.3	103005.9	-5350.0								
3596	10.5	103010.3	-5318.5								
3597	10.5	103011.3	-5317.5								
3598	9.7	103015.4	-5335.5								
3599	9.7	103026.2	-5308.5								
3600	9.3	103027.4	-5353.0								
3601	9.0	103048.8	-5338.5								
3602	9.0	103057.4	-5318.5								
3603	9.5	103058.3	-5313.5								
3604	10.3	103104.0	-5314.4								
3605	11.3	103116.3	-5358.1								
3606	10.3	103120.6	-5338.4								
3607	11.3	103121.2	-5350.6								
3608	10.0	103143.5	-5324.4								
3609	10.0	103152.9	-5324.4								
3610	10.5	103154.3	-5316.4								
3611	8.3	103156.4	-5335.4								
3612	10.5	103200.8	-5348.4								
3613	10.0	103206.2	-5340.4								
3614	7.2	103214.3	-5312.4								
3615	9.3	103216.1	-5314.4								
3616	10.8	103220.4	-5359.8								
3617	9.5	103248.7	-5315.8								
3618	9.7	103256.7	-5349.2								
3619	10.5	103300.8	-5304.4								
3620	10.0	103303.7	-5306.4								
3621	10.5	103333.0	-5304.4								
3622	9.3	103333.4	-5317.4								
3623	11.0	103333.4	-5351.1								
3624	8.6	103336.9	-5328.4								
3625	9.9	103340.7	-5331.4								
3626	10.0	103343.8	-5326.8								
3627	9.6	103347.0	-5331.4								
3628	10.3	103347.2	-5332.4								
3629	10.8	103406.3	-5351.1								
3630	9.4	103415.0	-5306.4								
3631	10.5	103416.3	-5323.4								
3632	10.5	103433.6	-5359.0								
3633	10.3	103440.7	-5357.6								
3634	10.3	103449.2	-5302.4								
3635	8.6	103449.7	-5306.4								
3636	10.5	103511.0	-5351.4								
3637	10.5	103516.7	-5359.8								
3638	10.8	103524.9	-5358.6								
3639	8.8	103528.9	-5303.0								
3640	9.4	103530.4	-5330.4								
3641	11.0	103532.4	-5347.5								
3642	10.5	103542.4	-5355.0								
3643	11.0	103553.3	-5352.8								
3644	9.9	103617.9	-5347.0								
3645	8.5	103621.4	-5326.8								
3646	9.3	103623.5	-5301.4								
3647	9.7	103624.6	-5342.4								
3648	9.0	103629.4	-5337.4								
3649	10.3	103656.0	-5348.4								
3650	9.5	103702.7	-5303.4								

-53 3651 10h37m

-53 4010 11h16m

3651	9.7	103706.5	-5358.3	3741	10.3	104755.4	-5332.6	3831	9.7	105742.0	-5351.0
3652	10.0	103729.0	-5351.8	3742	10.3	104805.4	-5335.6	3832	9.9	105805.9	-5306.5
3653	8.0	103730.6	-5352.9	3743	10.5	104806.7	-5300.6	3833	9.6	105805.9	-5344.2
3654	9.6	103733.5	-5301.4	3744	10.3	104812.3	-5309.6	3834	9.0	105815.7	-5315.5
3655	9.8	103754.0	-5343.6	3745	8.7	104830.4	-5315.0	3835	11.5	105820.2	-5337.2
3656	8.1	103801.0	-5335.4	3746	9.7	104841.5	-5353.3	3836	10.8	105825.8	-5308.5
3657	9.4	103801.0	-5358.2	3747	10.5	104855.5	-5353.2	3837	10.0	105835.8	-5342.1
3658	10.3	103838.9	-5330.0	3748	8.4	104858.2	-5319.6	3838	10.0	105835.9	-5330.5
3659	8.5	103844.8	-5331.4	3749	10.5	104901.9	-5329.6	3839	7.2	105836.7	-5331.5
3660	9.7	103851.7	-5301.4	3750	10.5	104903.4	-5332.6	3840	9.4	105847.4	-5345.2
3661	10.3	103900.5	-5303.3	3751	10.8	104913.7	-5334.6	3841	10.3	105905.9	-5347.7
3662	9.5	103908.9	-5358.4	3752	10.5	104916.8	-5314.6	3842	10.0	105908.3	-5352.0
3663	8.8	103917.9	-5337.7	3753	7.8	104926.0	-5353.2	3843	8.7	105912.7	-5318.4
3664	10.3	103931.1	-5312.3	3754	10.0	104937.3	-5345.2	3844	11.0	105921.4	-5348.4
3665	9.4	103935.4	-5302.3	3755	10.5	104946.1	-5325.6	3845	8.8	105922.9	-5321.4
3666	9.4	103936.4	-5337.3	3756	10.0	104946.6	-5348.2	3846	9.9	105933.6	-5312.4
3667	10.0	103945.2	-5356.2	3757	10.8	104949.5	-5317.6	3847	10.0	105934.8	-5350.0
3668	9.5	103955.6	-5348.7	3758	10.3	105000.9	-5334.6	3848	11.0	105936.5	-5334.4
3669	10.5	104000.4	-5355.9	3759	10.5	105007.4	-5315.6	3849	11.3	105941.0	-5345.0
3670	9.3	104010.9	-5338.3	3760	7.5	105007.5	-5324.6	3850	10.5	105943.7	-5335.4
3671	8.1	104019.6	-5310.3	3761	9.2	105009.3	-5326.2	3851	10.0	105947.8	-5347.0
3672	9.9	104020.4	-5337.3	3762	10.5	105014.9	-5334.2	3852	10.0	110010.7	-5359.9
3673	10.3	104020.4	-5332.3	3763	10.5	105022.3	-5317.6	3853	9.5	110011.4	-5334.4
3674	10.0	104025.8	-5314.7	3764	10.5	105024.3	-5341.6	3854	11.5	110034.8	-5318.4
3675	11.0	104030.0	-5355.9	3765	10.5	105025.9	-5344.6	3855	11.5	110039.2	-5332.4
3676	10.0	104032.4	-5353.9	3766	10.5	105045.4	-5304.6	3856	11.0	110045.1	-5339.4
3677	10.0	104038.5	-5349.2	3767	10.5	105053.3	-5341.5	3857	10.0	110052.0	-5345.8
3678	9.7	104045.9	-5328.7	3768	10.0	105059.0	-5319.5	3858	9.0	110103.9	-5303.4
3679	10.8	104045.9	-5347.9	3769	10.3	105103.7	-5346.5	3859	10.8	110109.0	-5342.4
3680	9.5	104056.0	-5320.7	3770	10.5	105107.8	-5309.5	3860	11.0	110109.5	-5325.4
3681	9.8	104057.4	-5329.8	3771	10.5	105126.4	-5336.5	3861	10.5	110110.8	-5321.4
3682	9.7	104057.9	-5334.8	3772	10.3	105127.4	-5318.5	3862	9.4	110112.4	-5334.4
3683	10.0	104112.9	-5334.8	3773	9.0	105130.3	-5312.5	3863	10.8	110123.2	-5307.4
3684	9.9	104124.8	-5309.8	3774	9.5	105141.4	-5356.2	3864	9.7	110123.3	-5349.9
3685	10.5	104133.0	-5322.8	3775	9.8	105153.6	-5343.6	3865	9.4	110128.2	-5334.4
3686	10.0	104142.3	-5310.8	3776	9.5	105156.5	-5317.5	3866	10.5	110129.7	-5320.4
3687	9.3	104155.4	-5303.8	3777	10.0	105201.9	-5330.5	3867	9.7	110132.7	-5357.9
3688	10.5	104202.1	-5300.8	3778	10.3	105212.0	-5323.5	3868	10.8	110135.1	-5342.4
3689	10.8	104217.3	-5309.8	3779	9.0	105223.8	-5348.8	3869	9.7	110141.8	-5352.9
3690	9.8	104220.2	-5356.0	3780	9.9	105223.9	-5357.2	3870	11.3	110144.0	-5320.2
3691	10.8	104224.2	-5344.6	3781	10.8	105233.0	-5301.5	3871	10.8	110148.7	-5332.4
3692	10.5	104238.4	-5356.2	3782	9.7	105242.9	-5304.8	3872	9.9	110149.8	-5359.9
3693	9.8	104240.5	-5352.4	3783	7.9	105246.8	-5340.2	3873	9.8	110152.0	-5306.4
3694	8.8	104243.5	-5319.6	3784	10.3	105247.3	-5315.5	3874	9.3	110154.8	-5311.4
3695	10.5	104246.8	-5312.6	3785	10.8	105300.1	-5309.5	3875	10.5	110204.3	-5307.7
3696	9.9	104313.8	-5309.6	3786	10.8	105305.1	-5335.5	3876	8.6	110208.9	-5323.4
3697	9.3	104327.4	-5329.6	3787	9.4	105320.1	-5347.5	3877	9.7	110212.0	-5324.4
3698	9.5	104343.0	-5302.6	3788	9.9	105320.2	-5359.9	3878	11.0	110213.1	-5345.6
3699	10.0	104345.6	-5346.4	3789	8.9	105322.5	-5350.1	3879	11.0	110221.5	-5306.4
3700	10.8	104351.3	-5317.6	3790	9.5	105325.1	-5311.5	3880	10.3	110240.7	-5359.9
3701	9.9	104351.4	-5305.6	3791	10.3	105326.6	-5344.5	3881	10.0	110243.1	-5352.9
3702	10.5	104355.5	-5323.6	3792	8.6	105335.2	-5323.5	3882	10.3	110251.2	-5357.9
3703	10.0	104401.4	-5306.6	3793	9.1	105338.5	-5323.5	3883	10.5	110251.5	-5302.8
3704	10.5	104403.4	-5313.6	3794	9.9	105341.4	-5337.5	3884	10.8	110255.3	-5313.8
3705	11.0	104403.5	-5340.6	3795	10.5	105351.5	-5326.5	3885	10.8	110310.0	-5333.4
3706	9.7	104408.0	-5311.6	3796	10.5	105357.6	-5354.1	3886	10.3	110324.0	-5301.4
3707	9.5	104411.0	-5327.6	3797	10.0	105402.0	-5351.1	3887	10.8	110333.3	-5332.2
3708	9.8	104413.4	-5356.4	3798	10.5	105403.5	-5305.8	3888	10.5	110338.4	-5340.0
3709	9.5	104416.7	-5315.6	3799	10.3	105411.4	-5328.5	3889	11.3	110340.6	-5322.4
3710	10.8	104421.5	-5350.4	3800	9.6	105415.5	-5315.5	3890	9.8	110345.6	-5318.4
3711	9.6	104433.9	-5358.4	3801	7.8	105422.8	-5301.5	3891	11.0	110346.2	-5314.4
3712	10.5	104438.9	-5306.6	3802	10.3	105440.0	-5321.5	3892	11.0	110355.6	-5323.4
3713	10.3	104450.0	-5325.6	3803	10.3	105448.4	-5339.5	3893	9.9	110356.1	-5325.4
3714	10.3	104453.9	-5358.4	3804	8.4	105457.0	-5353.1	3894	9.9	110356.5	-5334.4
3715	9.9	104457.6	-5345.5	3805	10.5	105502.6	-5318.5	3895	10.8	110358.9	-5316.4
3716	10.3	104458.0	-5319.6	3806	10.5	105504.5	-5312.5	3896	11.5	110400.2	-5340.4
3717	10.8	104514.4	-5302.6	3807	10.3	105515.9	-5330.2	3897	11.0	110407.6	-5317.4
3718	10.8	104517.0	-5326.6	3808	10.5	105521.0	-5334.5	3898	9.8	110410.0	-5335.4
3719	10.5	104521.9	-5310.6	3809	10.8	105528.5	-5309.5	3899	11.0	110411.8	-5317.9
3720	10.5	104523.7	-5300.0	3810	10.8	105532.3	-5343.5	3900	11.5	110422.9	-5308.4
3721	10.5	104530.4	-5355.3	3811	10.8	105535.7	-5328.5	3901	10.5	110424.1	-5349.8
3722	10.0	104537.0	-5327.6	3812	10.3	105540.3	-5317.5	3902	11.3	110430.8	-5303.5
3723	11.0	104538.8	-5341.6	3813	10.5	105541.3	-5326.5	3903	10.5	110437.7	-5347.8
3724	9.7	104551.8	-5341.6	3814	8.8	105600.4	-5356.1	3904	9.8	110446.0	-5336.4
3725	10.3	104602.4	-5306.6	3815	10.5	105622.1	-5317.5	3905	10.5	110447.6	-5338.4
3726	10.3	104605.5	-5351.3	3816	11.5	105626.7	-5345.5	3906	11.0	110450.4	-5311.0
3727	11.0	104608.4	-5309.6	3817	10.3	105630.3	-5310.5	3907	11.0	110517.9	-5309.4
3728	10.8	104613.0	-5324.6	3818	8.9	105637.2	-5322.5	3908	9.6	110520.0	-5302.4
3729	8.1	104636.2	-5358.3	3819	9.9	105701.7	-5322.5	3909	9.1	110522.5	-5333.4
3730	10.8	104640.3	-5317.6	3820	11.5	105708.1	-5320.5	3910	9.8	110544.4	-5315.4
3731	10.5	104648.3	-5313.6	3821	9.8	105711.6	-5353.0	3911	8.1	110548.4	-5351.8
3732	8.7	104652.4	-5336.6	3822	10.5	105718.8	-5336.5	3912	11.0	110559.8	-5342.4
3733	10.3	104703.3	-5309.6	3823	10.8	105720.0	-5324.0	3913	9.8	110603.2	-5327.4
3734	10.3	104703.3	-5314.6	3824	10.8	105720.7	-5332.5	3914	10.8	110603.4	-5343.4
3735	9.2	104707.3	-5341.6	3825	11.0	105720.8	-5337.8	3915	9.8	110607.1	-5328.4
3736	10.3	104710.1	-5349.0	3826	10.5	105722.6	-5356.2	3916	9.6	110613.5	-5309.0
3737	10.8	104731.9	-5328.6	3827	11.0	105723.8	-5316.5	3917	9.6	110623.5	-5315.4
3738	10.8	104732.8	-5317.6	3828	11.3	105727.4	-5306.5	3918	11.3	110633.6	-5340.4
3739	10.8	104735.4	-5312.6	3829	10.0	105736.2	-5346.8	3919	9.5	110639.5	-5314.3
3740	8.2	104750.4	-5345.0	3830	11.0	105736.8	-5342.2	3920	10.8	110646.5	-5309.3
3921	9.3	110653.7	-5346.1								
3922	10.3	110655.6	-5355.9								
3923	11.3	110701.4	-5336.3								
3924	11.0	110705.9	-5319.3								
3925	10.8	110738.0	-5341.3								
3926	9.8	110740.6	-5330.3								
3927	9.8	110742.9	-5311.1								
3928	9.9	110743.6	-5306.7								
3929	9.9	110747.2	-5352.9								
3930	11.0	110751.5	-5339.3								
3931	10.5	110805.6	-5343.9								
3932	10.5	110830.0	-5317.3								
3933	11.0	110840.1	-5302.3								
3934	11.0	110855.8	-5310.3								
3935	8.8	110900.9	-5346.1								
3936	9.6	110901.9	-5341.0								
3937	10.5	110905.4	-5322.4								
3938	9.9	110906.7	-5350.9								
3939	10.8	110917.1	-5331.3								
3940	10.3	110918.4	-5348.9								
3941	11.0	110924.0	-5340.3								
3942	9.0	110933.9	-5356.4								
3943	11.0	110938.0	-5317.3								
3944	9.7	110946.0	-5345.0								
3945	9.4	110951.1	-5320.7								
3946	9.8	111009.7	-5354.0								
3947	10.8	111011.1	-5333.3								
3948	11.0	111022.1	-5339.3								
3949	10.8	111023.0	-5328.3								
3950	10.8	111030.7	-5300.3								
3951	9.1	111043.5	-5346.3								
3952	10.3	111055.0	-5351.0								
3953	9.8	111100.9	-5306.3								
3954	9.7	111102.4	-5333.3								
3955	11.0	111108.7	-5348.7								
3956	11.0	111133.7	-5327.3								
3957	11.3	111134.2	-5344.3								
3958	10.0	111138.9	-5302.3								
3959	11.3	111141.3	-5314.7								
3960	10.8	111146.9	-5330.3								
3961	10.3	111148.4	-5333.3								
3962	9.3	111151.1	-5349.0								
3963	9.6	111210.9	-5307.3								
3964	11.3	111215.0	-5322.3								
3965	11.0	111220.0	-5323.3								
3966	11.3	111221.9	-5330.3								
3967	10.8	111229.5	-5305.3								
3968	9.8	111230.8	-5312.7								
3969	10.8	111232.5	-5322.3								
3970	11.0	111238.3	-5306.3								
3971	9.7	111240.8	-5310.7								
3972	8.3	111250.6	-5301.3								
3973	10.8	111259.4	-5314.3								
3974	9.4	111301.0	-5321.3								
3975	9.7	111312.5	-5324.7								
3976	9.8	111313.5	-5323.3								
3977	10.5	111315.2	-5311.1								
3978	10.3	111315.7	-5341.0								
3979	9.6	111324.8	-5310.3								
3980	9.9	111326.2	-5346.4								
3981	11.5	111326.7	-5309.3								
3982	10.8	111329.2	-5323.3								
3983	11.0	111341.5	-5322.3								
3984	9.6	111350.9	-5329.3								
3985	10.5	111404.3	-5317.3								
3986	8.9	111405.1	-5339.3								
3987	10.5	111410.8	-5352.1								
3988	10.8	111413.8	-5324.3								
3989	11.0	111423.7	-5307.2								
3990	11.3	111432.0	-5329.7								
3991	10.5	111434.5	-5345.3								
3992	10.8	111435.0	-5344.3								
3993	10.8	111441.1	-5310.2								
3994	9.3	111449.1	-5359.1								
3995	10.8	111450.2	-5329.2								
3996	10.0	111454.3	-5318.5								
3997	10.5	111501.5	-5347.6								
3998	11.0	111502.2	-5307.2								
3999	10.3	111503.8	-5325.2								
4000	9.9	111510.0	-5318.8								
4001	11.0	111514.9	-5300.2								
4002	4.4	111519.2	-5348.5								
4003	8.7	111542.5	-5326.9								
4004	8.5	111558.2	-5340.9								
4005	11.0	111600.5	-5349.2								
4006	10.5	111616.3	-5307.9								
4007	9.1	111616.9	-5315.3								
4008	8.5	111623.4	-5328.9								
4009	10.3	111625.4	-5334.9								
4010	9.1	111638.4	-5306.9								

-53 4011 11h16m

4011	9.9	111646.1	-5322.8	4101	10.0	112701.8	-5357.5	4191	10.3	113805.4	-5319.7
4012	9.1	111649.8	-5341.8	4102	8.4	112712.0	-5338.4	4192	9.8	113809.4	-5324.7
4013	10.0	111722.4	-5333.8	4103	8.6	112715.0	-5309.8	4193	9.9	113816.7	-5311.7
4014	9.8	111723.5	-5308.8	4104	10.5	112718.2	-5357.5	4194	9.6	113837.8	-5327.7
4015	10.0	111723.5	-5354.5	4105	10.3	112727.4	-5331.8	4195	10.5	113838.8	-5346.6
4016	10.3	111725.3	-5313.8	4106	10.0	112728.8	-5305.8	4196	10.8	113843.6	-5313.6
4017	9.9	111729.6	-5346.5	4107	9.8	112738.0	-5324.8	4197	9.9	113850.0	-5358.4
4018	10.5	111734.8	-5326.8	4108	10.3	112743.2	-5308.7	4198	9.5	113851.6	-5339.6
4019	9.3	111738.0	-5358.5	4109	9.9	112757.2	-5351.5	4199	9.9	113900.1	-5339.6
4020	9.0	111743.6	-5312.8	4110	9.1	112802.0	-5321.7	4200	10.0	113902.3	-5347.4
4021	10.0	111748.3	-5333.8	4111	10.5	112803.4	-5346.1	4201	9.2	113906.0	-5344.3
4022	10.0	111755.4	-5333.4	4112	9.9	112803.5	-5352.5	4202	9.6	113908.3	-5311.6
4023	9.7	111757.5	-5347.8	4113	10.5	112812.9	-5330.7	4203	9.9	113914.4	-5329.6
4024	9.6	111800.9	-5332.8	4114	8.5	112819.4	-5351.5	4204	9.5	113919.0	-5313.0
4025	10.3	111824.1	-5348.5	4115	9.9	112820.5	-5341.7	4205	9.3	113922.6	-5307.6
4026	10.0	111832.4	-5331.8	4116	10.5	112821.6	-5324.7	4206	10.0	113922.7	-5309.6
4027	9.6	111846.7	-5359.5	4117	9.7	112824.3	-5313.7	4207	9.8	113930.1	-5349.6
4028	10.5	111850.6	-5351.0	4118	9.9	112829.7	-5343.7	4208	9.9	113944.3	-5348.9
4029	10.5	111906.9	-5342.5	4119	9.9	112829.7	-5346.7	4209	10.3	113945.9	-5322.6
4030	10.0	111909.6	-5313.4	4120	10.8	112832.7	-5308.7	4210	10.5	114001.3	-5358.5
4031	10.5	111912.6	-5317.8	4121	9.6	112837.5	-5311.7	4211	10.3	114004.8	-5344.8
4032	9.9	111917.5	-5309.8	4122	8.7	112848.1	-5358.5	4212	8.5	114021.0	-5328.6
4033	9.4	111933.4	-5359.5	4123	5.5	112850.7	-5334.7	4213	9.8	114040.6	-5334.6
4034	9.0	112000.4	-5334.8	4124	9.6	112911.5	-5356.5	4214	9.9	114043.2	-5323.6
4035	10.0	112008.0	-5354.5	4125	9.7	112932.0	-5352.5	4215	10.0	114118.8	-5339.6
4036	10.0	112014.3	-5322.4	4126	10.5	113010.5	-5314.7	4216	10.0	114119.9	-5302.6
4037	10.5	112015.2	-5333.8	4127	9.0	113011.7	-5305.7	4217	10.3	114123.4	-5355.9
4038	10.5	112015.5	-5345.8	4128	8.7	113024.4	-5333.7	4218	9.7	114126.4	-5343.6
4039	9.6	112024.0	-5347.6	4129	10.0	113024.9	-5334.7	4219	9.3	114137.6	-5324.8
4040	10.5	112031.1	-5312.8	4130	9.8	113045.0	-5351.5	4220	9.4	114154.1	-5339.6
4041	9.4	112033.4	-5352.5	4131	10.3	113048.9	-5359.5	4221	10.5	114158.3	-5337.6
4042	10.5	112037.9	-5343.8	4132	10.5	113108.6	-5349.5	4222	10.3	114210.3	-5357.4
4043	10.0	112043.2	-5356.5	4133	9.1	113113.7	-5316.7	4223	9.3	114218.7	-5327.3
4044	10.3	112100.6	-5349.8	4134	10.3	113119.6	-5302.7	4224	9.9	114220.1	-5305.3
4045	10.0	112118.6	-5327.8	4135	8.0	113125.7	-5302.7	4225	10.0	114235.1	-5335.6
4046	9.7	112118.6	-5323.8	4136	10.5	113143.5	-5314.7	4226	10.5	114239.0	-5349.4
4047	10.5	112122.0	-5329.8	4137	10.3	113149.9	-5340.7	4227	10.5	114239.0	-5351.4
4048	10.3	112123.3	-5309.8	4138	9.6	113158.5	-5357.5	4228	9.7	114244.0	-5300.0
4049	10.3	112126.1	-5308.8	4139	8.2	113203.9	-5359.5	4229	10.0	114246.0	-5302.2
4050	9.6	112132.2	-5336.8	4140	10.5	113206.7	-5306.7	4230	10.0	114302.0	-5316.6
4051	9.7	112133.7	-5336.8	4141	9.9	113208.2	-5303.4	4231	10.0	114302.8	-5304.6
4052	9.7	112144.3	-5357.5	4142	9.7	113216.6	-5302.7	4232	10.0	114304.1	-5344.6
4053	10.5	112153.4	-5313.8	4143	10.5	113217.8	-5330.7	4233	10.8	114310.4	-5357.4
4054	10.3	112158.7	-5302.8	4144	9.0	113227.3	-5333.7	4234	9.1	114313.7	-5301.6
4055	9.0	112201.1	-5312.8	4145	10.5	113229.6	-5301.7	4235	10.5	114318.4	-5354.4
4056	9.7	112204.3	-5346.5	4146	9.5	113254.7	-5326.3	4236	10.3	114321.0	-5303.6
4057	10.5	112217.5	-5326.8	4147	11.0	113256.6	-5322.7	4237	10.3	114322.4	-5304.6
4058	9.9	112218.2	-5335.8	4148	9.7	113302.9	-5351.5	4238	9.7	114328.1	-5335.6
4059	8.3	112239.6	-5339.8	4149	10.5	113303.3	-5334.7	4239	9.1	114331.6	-5319.6
4060	10.5	112245.0	-5340.8	4150	10.5	113306.3	-5336.7	4240	10.5	114333.6	-5321.6
4061	10.0	112246.6	-5302.8	4151	10.3	113311.9	-5354.5	4241	8.5	114341.1	-5349.0
4062	8.6	112250.5	-5328.8	4152	10.5	113312.9	-5332.7	4242	10.8	114413.9	-5352.4
4063	10.3	112250.7	-5346.6	4153	10.0	113336.5	-5314.7	4243	10.0	114423.1	-5320.6
4064	10.5	112258.4	-5300.2	4154	9.7	113339.5	-5314.7	4244	9.3	114423.6	-5300.6
4065	10.0	112305.2	-5301.8	4155	9.9	113341.0	-5318.7	4245	9.4	114456.6	-5348.8
4066	10.5	112319.1	-5340.8	4156	10.0	113347.0	-5318.7	4246	9.7	114501.3	-5336.6
4067	9.5	112322.2	-5333.8	4157	9.6	113351.3	-5357.4	4247	10.0	114510.8	-5313.6
4068	9.7	112322.8	-5350.6	4158	9.1	113402.6	-5325.7	4248	10.3	114513.0	-5319.6
4069	10.3	112331.8	-5345.2	4159	9.8	113420.1	-5356.7	4249	10.5	114516.5	-5308.6
4070	9.1	112332.4	-5322.8	4160	10.3	113432.1	-5335.7	4250	10.0	114520.0	-5326.6
4071	9.5	112356.3	-5308.8	4161	7.0	113440.5	-5316.7	4251	9.4	114521.8	-5303.6
4072	9.2	112405.0	-5356.5	4162	10.0	113445.5	-5330.7	4252	10.3	114530.0	-5339.6
4073	9.3	112418.3	-5358.5	4163	7.9	113459.2	-5351.5	4253	8.2	114550.0	-5342.6
4074	10.5	112429.1	-5337.8	4164	10.0	113500.9	-5348.1	4254	10.0	114552.0	-5328.6
4075	10.0	112433.7	-5333.8	4165	10.3	113506.8	-5314.7	4255	9.4	114555.9	-5304.6
4076	10.5	112438.4	-5358.5	4166	9.2	113507.0	-5357.4	4256	10.3	114557.6	-5301.6
4077	9.6	112440.9	-5309.2	4167	9.7	113509.6	-5334.7	4257	9.8	114558.8	-5346.8
4078	10.5	112502.1	-5324.8	4168	10.5	113510.9	-5306.7	4258	10.3	114602.0	-5341.6
4079	10.3	112507.3	-5349.2	4169	9.7	113519.0	-5357.1	4259	10.3	114614.0	-5334.6
4080	9.8	112523.1	-5300.8	4170	10.0	113519.3	-5317.7	4260	9.6	114617.6	-5308.6
4081	9.1	112526.4	-5357.5	4171	10.3	113520.9	-5355.5	4261	10.0	114622.1	-5306.6
4082	10.5	112533.4	-5309.8	4172	10.3	113521.6	-5327.7	4262	9.3	114625.7	-5325.6
4083	10.3	112540.2	-5320.8	4173	9.3	113524.1	-5334.7	4263	9.5	114637.5	-5315.6
4084	10.5	112545.3	-5324.8	4174	10.3	113550.3	-5304.7	4264	10.0	114637.9	-5310.6
4085	10.5	112547.2	-5359.5	4175	10.5	113557.3	-5313.7	4265	10.3	114640.3	-5359.9
4086	10.3	112553.5	-5303.8	4176	9.5	113602.9	-5357.1	4266	10.5	114650.7	-5332.6
4087	10.0	112556.4	-5341.4	4177	9.4	113613.9	-5354.7	4267	9.9	114651.6	-5347.6
4088	10.5	112558.7	-5356.5	4178	8.9	113616.6	-5350.6	4268	10.0	114653.0	-5310.0
4089	10.3	112559.4	-5304.8	4179	10.8	113626.3	-5314.7	4269	9.9	114653.8	-5308.6
4090	10.3	112601.4	-5339.8	4180	9.8	113709.0	-5349.4	4270	9.9	114657.8	-5341.6
4091	10.3	112605.5	-5311.8	4181	8.2	113719.2	-5336.7	4271	9.2	114703.2	-5313.6
4092	10.5	112616.9	-5340.8	4182	10.3	113720.7	-5305.7	4272	9.7	114704.2	-5314.6
4093	9.8	112625.8	-5337.4	4183	10.5	113722.7	-5304.4	4273	10.3	114706.0	-5336.6
4094	10.5	112628.0	-5319.8	4184	9.0	113731.5	-5308.7	4274	10.3	114726.7	-5322.6
4095	10.3	112628.9	-5347.0	4185	9.9	113734.4	-5336.7	4275	10.0	114731.1	-5321.6
4096	10.5	112636.7	-5328.4	4186	10.0	113739.9	-5327.7	4276	10.3	114732.0	-5343.6
4097	10.3	112639.4	-5348.0	4187	9.0	113740.4	-5344.7	4277	10.3	114733.8	-5309.6
4098	8.5	112646.3	-5354.5	4188	10.3	113749.1	-5303.7	4278	10.3	114750.6	-5342.6
4099	10.5	112648.0	-5318.8	4189	9.7	113751.3	-5307.7	4279	9.9	114753.0	-5331.6
4100	10.3	112651.4	-5306.8	4190	8.4	113803.6	-5302.7	4280	10.3	114753.6	-5307.6

-53 4370 11h57m

4281	9.7	114753.7	-5328.6	4291	10.3	114853.9	-5303.6	4301	10.0	114930.7	-5341.6
4282	8.6	114810.9	-5352.6	4292	9.6	114855.8	-5308.6	4302	10.3	114932.6	-5307.6
4283	8.5	114819.0	-5356.4	4293	11.0	114912.9	-5350.4	4303	10.5	114933.4	-5326.6
4284	9.2	114820.7	-5302.6	4294	9.3	114913.9	-5345.6	4304	10.3	114942.4	-5358.3
4285	8.9	114821.2	-5359.4	4295	9.6	114917.3	-5326.6	4305	9.8	114948.0	-5325.5
4286	11.0	114825.0	-5353.3	4296	10.0	114918.0	-5311.6	4306	10.5	114955.8	-5301.5
4287	10.5	114836.2	-5356.3	4297	10.8	114923.6	-5346.4	4307	10.8	115003.5	-5359.5
4288	9.6	114841.4	-5308.6	4298	10.3	114923.6	-5326.6	4308	8.3	115004.5	-5312.5
4289	9.5	114845.1	-5338.6	4299	9.7	114926.2	-5351.3	4309	9.9	115011.9	-5313.5
4290	10.3	114853.2	-5304.9	4300	8.5	114927.3	-5329.6	4310	10.0	115014.9	-5329.5
4311	8.3	115035.6	-5347.8	4321	10.8	115130.6	-5350.3	4331	10.3	115300.6	-5302.1
4312	9.7	115052.4	-5330.5	4322	10.3	115139.8	-5303.1	4332	10.3	115301.3	-5348.1
4313	10.0	115057.4	-5333.1	4323	10.3	115140.7	-5317.1	4333	10.5	115310.6	-5326.1
4314	9.1	115101.5	-5309.5	4324	10.0	115159.5	-5317.1	4334	10.5	115318.7	-5352.2
4315	10.0	115102.2	-5311.5	4325	10.5	115204.2	-5308.1	4335	10.8	115318.7	-5356.3
4316	10.8	115106.5	-5351.3	4326	10.3	115205.3	-5326.1	4336	10.0	115329.0	-5329.8
4317	10.3	115106.7	-5314.5	4327	10.3	115213.7	-5331.1	4337	10.5	115340.9	-5330.0
4318	10.0	115107.3	-5316.5	4328	10.5	115215.6	-5319.1	4338	9.6	115341.5	-5335.1
4319	10.5	115110.4	-5358.3	4329	11.0	115252.1	-5357.3	4339	9.9	115348.3	-5340.1
4320	10.5	115115.4	-5324.1	4330	11.0	115253.9	-5352.6	4340	10.0	115349.6	-5332.6
4341	9.6	115358.6	-5311.1	4351	11.0	115509.8	-5339.6	4361	10.0	115616.7	-5306.4
4342	8.1	115358.8	-5314.1	4352	8.3	115512.4	-5308.1	4362	10.0	115618.7	-5302.1
4343	8.5	115405.6	-5308.1	4353	8.9	115526.3	-5316.1	4363	11.0	115628.0	-5324.1
4344	8.6	115417.5	-5322.0	4354	11.0	115527.2	-5347.7	4364	11.5	115632.8	-5315.4
4345	10.0	115430.5	-5324.1	4355	11.0	115528.8	-5321.1	4365	9.7	115646.6	-5301.1
4346	11.0	115443.2	-5340.1	4356	9.9	115543.3	-5317.1	4366	9.6	115648.4	-5305.1
4347	11.0	115444.6	-5330.1	4357	11.5	115600.4	-5336.1	4367	9.9	115657.3	-5310.1
4348	10.8	115452.0	-5324.5	4358	10.0	115601.1	-5359.3	4368	10.5	115711.7	-5306.5
4349	10.3	115504.9	-5359.3	4359	9.5	115603.7	-5345.1	4369	8.5	115713.8	-5359.3
4350	11.5	115506.2	-5311.3	4360	11.3	115614.1	-5321.1	4370	10.0	115718.0	-5332.1

-53 4371 11h57m

-53 4730 12h32m

4371	11.0	115719.8	-5334.1	4461	9.4	120609.7	-5305.1	4551	10.3	121426.0	-5301.1
4372	10.0	115732.0	-5324.1	4462	9.4	120626.2	-5309.1	4552	10.3	121428.5	-5324.1
4373	10.8	115732.2	-5357.2	4463	10.8	120644.4	-5334.1	4553	10.3	121428.9	-5303.1
4374	11.5	115743.0	-5302.9	4464	11.0	120650.8	-5346.4	4554	10.0	121430.1	-5349.3
4375	9.6	115747.3	-5328.1	4465	9.6	120702.6	-5351.0	4555	8.3	121438.7	-5348.4
4376	8.4	115753.0	-5358.3	4466	9.5	120707.0	-5353.0	4556	9.7	121457.3	-5343.6
4377	10.3	115811.7	-5331.1	4467	9.8	120710.9	-5336.7	4557	10.5	121500.5	-5329.1
4378	11.0	115815.5	-5311.1	4468	9.7	120713.9	-5359.2	4558	9.9	121504.4	-5302.1
4379	9.4	115819.1	-5315.1	4469	10.5	120715.3	-5314.1	4559	8.9	121507.2	-5342.1
4380	11.0	115820.0	-5316.7	4470	11.0	120720.7	-5326.2	4560	10.3	121519.8	-5309.1
4381	11.0	115820.4	-5310.1	4471	10.8	120722.8	-5310.1	4561	9.5	121526.3	-5301.1
4382	11.5	115831.3	-5314.1	4472	10.3	120730.7	-5344.6	4562	9.7	121535.0	-5321.1
4383	10.5	115837.8	-5352.3	4473	11.0	120733.7	-5333.8	4563	9.8	121539.9	-5337.1
4384	9.8	115840.4	-5348.6	4474	10.5	120737.7	-5306.0	4564	10.0	121558.8	-5342.1
4385	11.0	115851.5	-5300.1	4475	9.4	120737.8	-5302.1	4565	11.5	121606.2	-5336.4
4386	9.8	115853.2	-5332.1	4476	11.0	120740.2	-5344.1	4566	11.8	121610.4	-5309.1
4387	11.0	115854.6	-5316.1	4477	7.5	120740.3	-5314.1	4567	11.3	121616.8	-5329.1
4388	11.3	115902.5	-5309.1	4478	11.0	120745.4	-5358.6	4568	11.0	121620.5	-5358.3
4389	10.8	115926.6	-5354.3	4479	11.0	120746.0	-5346.1	4569	11.5	121625.3	-5321.1
4390	10.8	115933.0	-5321.1	4480	11.0	120806.0	-5327.1	4570	11.5	121625.6	-5310.1
4391	7.5	115933.5	-5334.1	4481	8.8	120808.1	-5308.1	4571	11.3	121628.3	-5338.7
4392	11.0	115944.4	-5328.1	4482	9.7	120809.8	-5316.1	4572	11.0	121639.3	-5327.6
4393	11.5	115950.1	-5318.9	4483	11.3	120809.8	-5328.1	4573	11.5	121642.2	-5337.1
4394	10.8	115954.6	-5330.1	4484	9.8	120815.3	-5315.1	4574	10.8	121644.3	-5354.5
4395	10.5	120007.7	-5308.8	4485	10.3	120824.6	-5348.8	4575	10.0	121655.2	-5334.1
4396	11.5	120009.7	-5315.1	4486	11.3	120831.6	-5325.1	4576	9.5	121702.2	-5351.3
4397	11.0	120010.5	-5324.1	4487	11.3	120833.4	-5323.6	4577	9.8	121702.3	-5324.1
4398	10.8	120012.9	-5308.1	4488	11.0	120851.1	-5311.1	4578	11.0	121703.0	-5305.4
4399	10.0	120013.5	-5329.1	4489	11.0	120852.0	-5314.1	4579	10.3	121717.3	-5326.1
4400	9.5	120014.8	-5349.5	4490	11.3	120852.3	-5301.1	4580	10.5	121728.3	-5353.3
4401	10.0	120023.5	-5306.1	4491	11.0	120859.9	-5355.8	4581	11.5	121729.0	-5317.2
4402	9.6	120025.3	-5354.3	4492	10.8	120900.8	-5352.5	4582	11.0	121734.6	-5316.1
4403	9.4	120027.7	-5358.5	4493	9.6	120907.7	-5335.1	4583	10.3	121736.4	-5354.3
4404	8.9	120030.7	-5320.1	4494	10.5	120912.8	-5349.3	4584	10.8	121740.2	-5332.1
4405	10.8	120045.8	-5340.1	4495	7.1	120919.2	-5322.1	4585	11.5	121744.6	-5316.1
4406	11.0	120048.3	-5343.1	4496	11.0	120921.5	-5326.1	4586	11.0	121745.5	-5317.8
4407	10.8	120059.5	-5320.1	4497	11.0	120926.4	-5306.1	4587	11.5	121746.0	-5332.4
4408	10.3	120107.1	-5305.1	4498	10.8	120926.7	-5342.3	4588	10.5	121804.0	-5318.1
4409	10.5	120110.9	-5307.1	4499	11.0	120930.9	-5308.1	4589	11.5	121810.5	-5352.3
4410	10.0	120114.3	-5341.1	4500	8.8	120931.6	-5349.1	4590	11.5	121814.0	-5300.9
4411	10.5	120122.8	-5310.1	4501	11.5	120935.8	-5343.6	4591	10.8	121831.1	-5314.1
4412	11.3	120133.2	-5325.1	4502	10.8	120944.5	-5326.5	4592	9.6	121839.5	-5312.1
4413	10.5	120135.9	-5335.1	4503	11.0	120956.7	-5345.7	4593	11.0	121849.1	-5350.3
4414	10.5	120136.3	-5341.1	4504	11.3	121000.7	-5313.0	4594	11.3	121854.3	-5302.1
4415	10.3	120208.9	-5306.5	4505	10.8	121002.0	-5359.2	4595	10.8	121855.8	-5323.1
4416	11.0	120222.4	-5304.1	4506	11.0	121003.4	-5326.1	4596	10.5	121858.1	-5313.1
4417	9.6	120229.3	-5341.1	4507	11.5	121006.2	-5336.9	4597	11.5	121859.5	-5301.8
4418	10.8	120232.5	-5329.1	4508	10.8	121007.0	-5347.8	4598	8.9	121913.7	-5334.1
4419	10.5	120239.3	-5308.1	4509	12.0	121020.1	-5301.1	4599	10.5	121914.7	-5306.1
4420	10.8	120244.5	-5327.1	4510	10.8	121025.8	-5342.1	4600	10.5	121915.4	-5340.1
4421	10.0	120246.5	-5355.3	4511	9.9	121036.1	-5302.1	4601	9.9	121920.6	-5331.9
4422	10.5	120251.4	-5342.1	4512	10.8	121038.5	-5327.1	4602	10.5	121924.0	-5347.3
4423	10.5	120257.0	-5328.1	4513	11.0	121042.7	-5309.0	4603	11.0	121940.7	-5330.1
4424	10.3	120307.9	-5334.1	4514	9.8	121044.9	-5306.1	4604	10.8	121942.1	-5300.7
4425	11.5	120309.7	-5309.0	4515	11.3	121055.8	-5341.1	4605	11.5	121943.5	-5348.6
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-53 4731 12h32m

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4817 10.8 124234.3 -5334.0	4907 9.7 125245.9 -5326.8	4997 10.0 130149.6 -5345.8	5087 11.0 131259.3 -5343.2
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-53 5090 13h13m

-53 5091 13h13m

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-53 5450 13h59m

-53 5451 13h59m

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-53 5810 14h53m

-53 5811 14h53m

-53 6170 15h30m

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6171	10.3	153043.6	-5309.3	6261	10.8	154104.6	-5300.6	6351	10.0	155029.6	-5354.3	6441	8.9	160052.6	-5359.3
6172	10.5	153046.6	-5326.3	6262	11.0	154117.9	-5321.6	6352	9.7	155047.7	-5332.9	6442	7.9	160053.1	-5333.6
6173	10.0	153050.1	-5335.5	6263	11.0	154120.8	-5334.6	6353	9.9	155107.2	-5315.3	6443	10.0	160053.5	-5345.3
6174	11.0	153051.2	-5337.3	6264	10.5	154122.6	-5332.6	6354	10.0	155115.7	-5350.3	6444	9.9	160105.8	-5311.0
6175	9.3	153118.4	-5320.3	6265	9.2	154135.3	-5311.2	6355	10.0	155122.5	-5357.3	6445	9.6	160111.9	-5347.2
6176	10.5	153123.0	-5306.5	6266	10.3	154146.2	-5354.4	6356	9.8	155132.1	-5325.0	6446	10.3	160127.0	-5314.0
6177	9.5	153125.9	-5323.3	6267	10.3	154153.0	-5359.4	6357	10.5	155132.7	-5313.0	6447	9.9	160129.2	-5327.0
6178	10.3	153127.4	-5325.3	6268	10.5	154200.4	-5347.6	6358	9.6	155132.7	-5320.0	6448	10.0	160129.4	-5357.3
6179	10.3	153129.9	-5346.2	6269	10.5	154201.1	-5351.7	6359	9.6	155136.6	-5322.4	6449	9.5	160133.1	-5326.0
6180	11.0	153129.9	-5314.3	6270	10.5	154204.3	-5351.4	6360	9.5	155142.4	-5300.4	6450	9.8	160133.8	-5330.0
6181	9.4	153136.6	-5335.0	6271	10.5	154207.3	-5322.7	6361	10.5	155147.2	-5342.1	6451	10.3	160138.9	-5332.0
6182	9.8	153138.3	-5301.2	6272	10.3	154215.0	-5318.7	6362	8.1	155154.9	-5347.2	6452	10.8	160142.6	-5312.0
6183	9.9	153139.3	-5343.7	6273	10.8	154215.5	-5352.4	6363	9.6	155202.8	-5347.4	6453	9.6	160143.6	-5311.0
6184	9.7	153203.2	-5333.5	6274	10.5	154218.9	-5347.3	6364	9.0	155211.4	-5315.1	6454	9.1	160147.4	-5352.3
6185	10.5	153207.7	-5310.3	6275	11.3	154243.7	-5302.8	6365	10.0	155211.8	-5332.1	6455	9.8	160148.6	-5358.3
6186	9.6	153211.5	-5341.2	6276	10.8	154255.8	-5345.4	6366	10.5	155220.0	-5311.1	6456	10.5	160155.2	-5358.3
6187	9.3	153216.0	-5316.9	6277	10.5	154301.9	-5346.2	6367	9.6	155229.8	-5322.2	6457	9.4	160159.5	-5334.0
6188	10.5	153220.0	-5305.8	6278	7.7	154304.6	-5349.9	6368	8.8	155232.1	-5301.2	6458	10.0	160201.4	-5346.0
6189	10.5	153224.8	-5330.3	6279	7.4	154306.0	-5351.8	6369	8.5	155308.8	-5304.2	6459	9.0	160208.8	-5359.3
6190	10.5	153228.3	-5312.3	6280	7.8	154307.1	-5303.3	6370	10.3	155310.6	-5348.6	6460	9.8	160209.0	-5326.0
6191	10.5	153228.5	-5335.3	6281	8.1	154320.7	-5325.9	6371	10.0	155332.0	-5323.3	6461	9.8	160217.4	-5357.3
6192	9.5	153237.3	-5328.3	6282	10.3	154321.9	-5327.9	6372	10.3	155332.7	-5311.3	6462	10.3	160218.9	-5348.3
6193	10.0	153243.3	-5321.3	6283	11.0	154321.9	-5336.9	6373	9.8	155347.5	-5329.5	6463	10.8	160219.8	-5319.0
6194	9.9	153243.5	-5337.2	6284	8.5	154323.4	-5332.9	6374	9.7	155349.6	-5320.3	6464	9.0	160223.0	-5304.0
6195	10.5	153249.0	-5356.1	6285	8.2	154349.7	-5349.6	6375	10.3	155357.1	-5316.4	6465	9.5	160232.6	-5353.3
6196	9.5	153250.4	-5347.2	6286	8.7	154352.6	-5346.6	6376	10.3	155400.2	-5341.4	6466	10.3	160237.8	-5347.3
6197	10.0	153259.9	-5317.4	6287	9.5	154358.3	-5310.4	6377	10.3	155402.4	-5359.3	6467	9.5	160244.0	-5345.0
6198	10.3	153304.9	-5304.6	6288	10.3	154404.7	-5348.5	6378	9.6	155422.2	-5333.4	6468	11.0	160249.3	-5356.3
6199	10.0	153305.9	-5315.6	6289	9.7	154405.2	-5302.0	6379	10.0	155422.9	-5354.4	6469	10.8	160249.8	-5311.0
6200	9.6	153319.6	-5331.4	6290	9.8	154422.0	-5330.4	6380	10.3	155424.1	-5318.4	6470	10.0	160250.9	-5328.0
6201	9.4	153330.3	-5336.0	6291	7.3	154441.0	-5313.1	6381	9.7	155428.2	-5338.4	6471	10.0	160257.2	-5325.0
6202	10.3	153341.4	-5312.0	6292	9.6	154452.6	-5322.1	6382	9.7	155429.5	-5330.4	6472	9.9	160258.5	-5341.0
6203	10.5	153345.0	-5308.6	6293	9.3	154500.8	-5339.1	6383	9.6	155440.0	-5323.4	6473	10.8	160307.4	-5350.3
6204	10.5	153352.6	-5332.4	6294	10.3	154513.8	-5335.2	6384	6.8	155441.9	-5321.5	6474	9.6	160309.2	-5353.3
6205	9.9	153356.5	-5318.0	6295	7.5	154522.5	-5305.9	6385	10.3	155502.6	-5321.5	6475	9.5	160310.7	-5316.5
6206	9.6	153401.9	-5339.4	6296	9.0	154525.8	-5337.2	6386	10.0	155513.0	-5330.7	6476	8.6	160312.0	-5344.3
6207	10.0	153418.4	-5304.1	6297	10.5	154533.2	-5342.2	6387	10.3	155516.7	-5332.8	6477	10.3	160312.6	-5315.4
6208	10.3	153420.9	-5312.6	6298	10.0	154540.3	-5304.2	6388	10.3	155520.6	-5312.7	6478	10.0	160315.1	-5354.3
6209	7.6	153443.0	-5355.2	6299	10.0	154546.7	-5315.2	6389	10.3	155527.6	-5314.6	6479	10.0	160316.2	-5352.3
6210	9.6	153443.2	-5322.2	6300	9.8	154556.8	-5335.3	6390	8.9	155536.2	-5346.2	6480	10.0	160317.5	-5324.0
6211	10.3	153443.6	-5353.2	6301	9.8	154557.2	-5345.3	6391	8.2	155537.5	-5350.5	6481	9.8	160319.2	-5335.4
6212	10.5	153444.3	-5327.4	6302	9.9	154600.6	-5330.3	6392	10.0	155544.2	-5302.6	6482	9.9	160320.2	-5354.4
6213	10.5	153449.3	-5327.4	6303	10.5	154604.1	-5328.3	6393	9.8	155546.1	-5317.6	6483	10.5	160323.4	-5349.0
6214	9.6	153449.8	-5338.2	6304	9.8	154617.0	-5322.3	6394	8.5	155552.8	-5302.6	6484	11.0	160324.7	-5347.4
6215	9.1	153459.4	-5352.2	6305	8.2	154623.3	-5315.3	6395	10.0	155611.0	-5352.0	6485	9.3	160330.0	-5353.4
6216	11.0	153519.6	-5352.2	6306	10.5	154631.9	-5307.7	6396	10.3	155611.2	-5348.4	6486	11.0	160332.4	-5323.3
6217	8.6	153522.8	-5358.2	6307	10.5	154633.5	-5318.3	6397	9.4	155615.8	-5315.7	6487	10.0	160333.1	-5349.4
6218	10.3	153527.3	-5323.2	6308	9.7	154658.6	-5321.4	6398	9.8	155629.2	-5335.3	6488	6.5	160333.7	-5321.0
6219	11.3	153528.7	-5320.4	6309	9.8	154658.8	-5304.4	6399	10.3	155629.4	-5332.7	6489	11.0	160341.8	-5326.0
6220	10.3	153553.5	-5335.6	6310	10.0	154700.8	-5335.4	6400	9.3	155639.6	-5321.7	6490	9.4	160348.3	-5348.2
6221	10.5	153553.8	-5336.6	6311	10.3	154701.8	-5332.4	6401	9.7	155650.1	-5345.7	6491	10.8	160353.4	-5335.0
6222	9.4	153602.6	-5323.9	6312	10.5	154703.2	-5345.4	6402	10.5	155701.0	-5352.7	6492	11.5	160357.0	-5326.0
6223	7.9	153609.0	-5302.4	6313	10.8	154706.7	-5312.4	6403	9.9	155713.8	-5359.4	6493	11.0	160406.3	-5352.4
6224	10.5	153623.3	-5332.0	6314	7.7	154707.4	-5325.4	6404	9.9	155720.0	-5322.0	6494	10.8	160411.2	-5357.4
6225	10.8	153623.5	-5341.0	6315	9.8	154717.0	-5313.1	6405	8.6	155720.0	-5329.8	6495	10.5	160413.8	-5343.7
6226	10.5	153627.0	-5345.6	6316	9.6	154719.8	-5320.4	6406	9.9	155720.0	-5327.8	6496	10.8	160422.4	-5343.0
6227	10.3	153628.9	-5347.2	6317	9.7	154724.0	-5327.5	6407	9.6	155720.4	-5350.6	6497	8.2	160423.9	-5350.7
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6229	8.2	153634.2	-5336.7	6319	10.8	154729.2	-5345.5	6409	9.2	155734.1	-5350.8	6499	11.0	160433.6	-5326.0
6230	11.0	153645.1	-5351.2	6320	9.8	154729.8	-5307.5	6410	10.0	155737.2	-5307.8	6500	11.3	160442.7	-5338.5
6231	10.5	153650.8	-5310.8	6321	9.9	154730.5	-5316.9	6411	10.3	155740.1	-5318.9	6501	10.5	160449.6	-5342.3
6232	9.7	153705.8	-5309.6	6322	8.5	154736.3	-5323.5	6412	10.0	155740.1	-5319.9	6502	11.0	160450.1	-5345.6
6233	9.5	153708.8	-5304.6	6323	8.0	154744.4	-5358.7	6413	10.5	155747.1	-5341.9	6503	8.7	160450.3	-5314.0
6234	10.3	153710.8	-5336.0	6324	9.3	154752.2	-5350.5	6414	9.0	155751.8	-5315.9	6504	9.5	160459.3	-5341.4
6235	9.7	153728.5	-5356.2	6325	9.7	154755.8	-5331.5	6415	10.5	155754.2	-5340.9	6505	11.0	160501.5	-5333.0
6236	10.8	153728.9	-5333.0	6326	9.9	154758.7	-5313.5	6416	10.3	155807.4	-5356.4	6506	11.0	160504.6	-5349.4
6237	10.3	153733.3	-5308.8	6327	8.6	154815.0	-5323.6	6417	8.2	155812.3	-5321.9	6507	11.5	160505.9	-5318.0
6238	10.8	153740.1	-5327.2	6328	9.7	154824.7	-5315.6	6418	9.8	155813.1	-5319.9	6508	11.5	160511.6	-5301.0
6239	11.5	153742.1	-5321.1	6329	10.3	154829.2	-5320.6	6419	9.4	155814.0	-5355.4	6509	10.3	160520.0	-5350.7
6240	10.0	153747.3	-5317.4	6330	8.7	154833.5	-5358.2	6420	10.0	155816.2	-5309.9	6510	10.5	160521.1	-5345.1
6241	10.8	153750.5	-5313.2	6331	9.4	154834.2	-5311.6	6421	10.5	155832.7	-5333.0	6511	10.8	160522.2	-5330.0
6242	9.7	153802.2	-5317.6	6332	8.2	154901.4	-5341.7	6422	10.0	155849.1	-5319.0	6512	11.5	160529.9	-5325.0
6243	9.7	153806.8	-5307.2	6333	9.8	154910.7	-5319.7	6423	8.6	155849.4	-5336.6	6513	11.0	160532.1	-5305.8
6244	10.0	153811.3	-5339.6	6334	9.2	154912.8	-5347.4	6424	10.5	155854.9	-5301.0	6514	11.0	160532.1	-5347.3
6245	10.3	153857.6	-5338.3	6335	9.0	154913.2	-5347.2	6425	8.9	155900.4	-5328.0	6515	11.0	160539.1	-5335.0
6246	11.0	153857.6	-5339.3	6336	8.5	154917.1	-5342.4	6426	9.7	155910.3	-5335.0	6516	8.2	160547.9	-5301.0
6247	10.3	153902.2	-5343.6	6337	9.5	154921.6	-5328.7	6427	9.7	155914.2	-5347.3	6517	11.0	160551.5	-5304.0
6248	9.8	153903.7	-5316.3	6338	10.5	154929.3	-5309.7	6428	9.5	155917.9	-5302.0	6518	8.2	160555.7	-5344.0
6249	10.5	153905.7	-5351.3	6339	10.0	154932.3	-5308.2	6429	10.0	155921.8	-5319.0	6519	10.8	160601.9	-5352.4
6250	10.3	153909.7	-5316.6	6340	10.5	154937.0	-5305.9	6430	11.0	155930.3	-5353.3	6520	9.3	160605.2	-5334.0
6251	9.7	153921.7	-5329.3	6341	8.4	154937.3	-5317.8	6431	10.3	155937.4	-5318.0	6521	10.8	160606.0	-5350.4
6252	11.0	153927.8	-5337.2	6342	10.5	154941.0	-5308.7	6432	10.3	155954.5	-5331.5	6522	11.0	160619.9	-5328.5
6253	10.8	153933.0	-5347.4	6343	9.7	154956.6	-5321.8	6433	9.6	160017.3	-5342.0	6523	11.0	160622.4	-5310.8
6254	9.9	153937.6	-5323.4	6344	6.5	155014.4	-5339.8	6434	10.5	160020.0	-5328.3	6524	11.5	160624.5	-5338.0
6255	10.8	153952.3	-5354.3	6345	10.5	155014.4	-5341.8	6435	10.5	160022.8	-5319.0	6525	11.8	160625.8	-5340.0
6256	10.8	153958.7	-5316.9	6346	9.3	155018.1	-5341.9	6436	10.3	160026.9	-5321.0	6526	9.8	160626.6	-5351.4
6257	9.7	154009.6	-5302.5	6347	9.5	155019.6	-5355.3	6437	10.0	160039.8	-5322.0	6527	10.5	160629.2	-5358.4
6258	10.5	154013.3	-5307.4	6348	8.5	155024.3	-5330.2	6438	8.4	160042.6	-5305.5	6528	11.3	160630.7	-5308.0
6259	10.3	154015.0	-5308.6	6349	10.0	155027.8	-5333.9	6439	10.0	160047.0	-5354.3	6529	9.9	160635.0	-5318.0
6260	11.0	154046.9	-5345.3	6350	10.3	155029.0	-5356.3	6440	9.7	160051.9	-5331.2	6530	10.0	160636.8	-5330.0

-53 6531 16h06m

-53 6890 16h36m

6531	9.3	160637.2	-5321.0	6621	10.8	161238.7	-5339.5	6711	10.5	161928.7	-5355.8	6801	11.5	162818.9	-5343.4
6532	8.0	160644.1	-5351.4	6622	10.3	161242.7	-5353.6	6712	10.8	161936.9	-5347.8	6802	9.7	162830.0	-5302.8
6533	6.3	160657.4	-5329.0	6623	10.5	161243.7	-5353.6	6713	9.6	161952.4	-5307.6	6803	11.0	162837.4	-5318.8
6534	10.0	160657.5	-5332.7	6624	8.3	161248.9	-5336.5	6714	11.3	161956.5	-5339.0	6804	11.3	162840.8	-5322.8
6535	9.8	160701.2	-5336.4	6625	10.5	161255.3	-5315.5	6715	9.6	162004.8	-5337.6	6805	11.0	162842.0	-5316.8
6536	8.7	160701.8	-5324.4	6626	11.0	161257.3	-5316.5	6716	11.0	162021.8	-5358.8	6806	11.5	162843.7	-5336.8
6537	7.3	160714.8	-5322.4	6627	11.5	161302.1	-5302.5	6717	10.8	162027.4	-5347.8	6807	10.5	162847.9	-5355.0
6538	11.3	160726.0	-5309.4	6628	11.3	161308.9	-5302.5	6718	11.0	162037.3	-5351.8	6808	10.8	162849.7	-5346.9
6539	10.5	160732.2	-5308.4	6629	8.5	161312.2	-5323.5	6719	10.0	162043.5	-5303.7	6809	11.3	162853.5	-5300.8
6540	8.7	160734.9	-5329.2	6630	11.0	161315.0	-5339.5	6720	10.5	162049.7	-5357.8	6810	11.0	162858.7	-5338.8
6541	10.8	160737.7	-5323.4	6631	9.7	161315.0	-5317.7	6721	9.2	162059.9	-5315.7	6811	11.0	162901.9	-5341.8
6542	11.5	160739.8	-5332.8	6632	10.3	161325.8	-5338.5	6722	9.9	162100.4	-5304.7	6812	10.3	162904.6	-5351.0
6543	11.5	160740.2	-5343.4	6633	10.3	161328.2	-5356.6	6723	10.8	162107.4	-5323.7	6813	9.7	162905.8	-5322.8
6544	11.0	160741.8	-5317.7	6634	10.5	161331.1	-5357.6	6724	10.5	162112.0	-5300.5	6814	11.8	162910.0	-5300.8
6545	10.5	160743.8	-5352.5	6635	10.5	161339.4	-5324.5	6725	11.0	162128.8	-5301.1	6815	11.8	162911.4	-5330.8
6546	9.5	160745.0	-5307.4	6636	11.0	161343.1	-5326.5	6726	11.0	162133.6	-5359.8	6816	10.8	162914.0	-5302.1
6547	11.0	160753.2	-5336.4	6637	11.0	161401.2	-5355.6	6727	10.0	162142.0	-5339.3	6817	8.6	162927.4	-5306.8
6548	10.8	160754.8	-5350.0	6638	10.5	161412.8	-5313.5	6728	10.5	162148.6	-5313.7	6818	11.0	162939.6	-5310.8
6549	10.8	160803.7	-5355.5	6639	10.3	161413.1	-5331.2	6729	10.8	162157.8	-5312.7	6819	8.5	162940.0	-5305.8
6550	8.1	160304.3	-5314.4	6640	9.5	161416.7	-5358.6	6730	11.0	162208.0	-5355.8	6820	10.3	162953.5	-5353.0
6551	11.0	160816.9	-5321.4	6641	10.8	161423.8	-5349.6	6731	10.3	162212.9	-5344.7	6821	11.3	162956.6	-5302.5
6552	11.0	160822.2	-5339.4	6642	9.8	161428.1	-5308.5	6732	10.5	162214.4	-5349.7	6822	10.0	163001.3	-5319.9
6553	11.3	160824.8	-5342.4	6643	10.5	161431.3	-5313.5	6733	10.0	162217.0	-5343.4	6823	9.4	163003.0	-5305.2
6554	11.0	160832.7	-5354.5	6644	11.0	161434.1	-5356.6	6734	11.0	162218.0	-5338.7	6824	9.0	163006.3	-5344.9
6555	11.5	160832.7	-5342.8	6645	10.3	161444.4	-5303.5	6735	11.0	162230.9	-5324.3	6825	9.8	163008.9	-5329.9
6556	10.5	160834.0	-5355.5	6646	11.3	161454.4	-5300.5	6736	10.8	162236.5	-5357.8	6826	10.5	163013.3	-5353.0
6557	10.5	160835.4	-5309.4	6647	9.0	161457.4	-5309.5	6737	10.5	162242.5	-5330.7	6827	8.4	163014.4	-5318.9
6558	11.5	160838.2	-5319.3	6648	8.0	161459.4	-5317.5	6738	10.8	162245.6	-5352.8	6828	10.5	163018.5	-5351.0
6559	11.5	160838.5	-5324.4	6649	10.5	161501.8	-5300.5	6739	10.5	162249.1	-5305.7	6829	7.8	163038.7	-5353.0
6560	10.8	160846.5	-5339.4	6650	11.0	161503.3	-5355.7	6740	10.8	162308.6	-5359.8	6830	10.0	163043.8	-5319.9
6561	9.2	160846.9	-5319.4	6651	9.2	161520.0	-5333.5	6741	10.8	162310.1	-5328.7	6831	10.3	163047.7	-5310.9
6562	11.8	160850.7	-5339.0	6652	10.5	161520.8	-5349.0	6742	10.0	162330.1	-5337.7	6832	9.0	163049.7	-5335.9
6563	10.5	160852.2	-5341.1	6653	10.3	161522.0	-5320.5	6743	10.0	162337.1	-5328.7	6833	10.3	163055.7	-5356.0
6564	9.5	160856.6	-5300.4	6654	10.3	161523.0	-5349.6	6744	9.3	162343.2	-5304.7	6834	8.9	163056.4	-5344.9
6565	10.3	160856.8	-5358.5	6655	9.7	161525.8	-5302.5	6745	11.3	162347.8	-5349.9	6835	10.8	163100.9	-5319.9
6566	10.5	160856.8	-5322.8	6656	10.0	161529.4	-5305.5	6746	11.5	162405.4	-5337.1	6836	11.3	163105.6	-5313.9
6567	11.0	160859.6	-5305.4	6657	10.5	161538.3	-5359.7	6747	9.7	162409.5	-5357.9	6837	11.3	163114.6	-5314.9
6568	9.0	160901.0	-5319.4	6658	10.5	161554.5	-5326.5	6748	10.8	162409.8	-5306.7	6838	11.0	163116.8	-5354.0
6569	8.4	160907.0	-5323.4	6659	10.3	161556.8	-5336.5	6749	11.3	162410.4	-5327.7	6839	11.5	163122.1	-5338.9
6570	11.3	160916.0	-5310.4	6660	11.0	161558.4	-5339.6	6750	11.0	162414.8	-5329.7	6840	9.3	163123.4	-5330.9
6571	8.6	160919.2	-5358.5	6661	10.8	161602.8	-5345.2	6751	10.3	162424.3	-5356.9	6841	11.0	163124.4	-5307.2
6572	10.8	160924.6	-5318.4	6662	10.8	161608.2	-5357.7	6752	9.5	162431.6	-5317.7	6842	10.8	163128.7	-5349.0
6573	11.5	160924.9	-5330.4	6663	10.5	161609.3	-5351.7	6753	9.9	162436.4	-5324.7	6843	10.8	163135.1	-5355.0
6574	9.7	160926.8	-5322.4	6664	10.5	161613.4	-5316.4	6754	11.5	162438.2	-5314.7	6844	9.0	163155.8	-5353.0
6575	10.8	160927.1	-5319.4	6665	10.8	161615.3	-5317.6	6755	10.5	162447.2	-5355.9	6845	10.5	163155.8	-5349.0
6576	11.5	160930.2	-5343.2	6666	8.5	161616.1	-5351.7	6756	11.5	162501.4	-5339.0	6846	11.5	163207.0	-5326.9
6577	11.5	160932.1	-5307.6	6667	10.5	161619.6	-5304.6	6757	11.5	162507.2	-5317.7	6847	11.3	163209.9	-5304.9
6578	11.5	160942.9	-5343.4	6668	9.6	161620.7	-5357.7	6758	11.3	162510.4	-5323.7	6848	10.8	163213.9	-5351.0
6579	11.3	160943.7	-5303.6	6669	9.8	161634.0	-5334.0	6759	11.0	162510.5	-5311.7	6849	10.5	163218.6	-5357.0
6580	10.5	160945.1	-5307.4	6670	8.1	161635.6	-5308.6	6760	11.0	162512.4	-5317.9	6850	7.6	163223.5	-5356.0
6581	9.3	160946.0	-5314.4	6671	10.3	161654.0	-5318.6	6761	11.0	162515.4	-5317.1	6851	9.4	163224.9	-5344.9
6582	11.3	160949.2	-5343.6	6672	10.3	161656.9	-5302.6	6762	11.3	162515.5	-5304.8	6852	10.8	163228.9	-5326.9
6583	9.1	160951.5	-5303.4	6673	9.5	161657.9	-5300.6	6763	10.5	162515.5	-5346.8	6853	11.3	163231.4	-5340.9
6584	8.3	160956.4	-5311.6	6674	10.8	161702.4	-5346.6	6764	7.3	162527.6	-5323.4	6854	9.7	163231.9	-5313.5
6585	10.8	160959.6	-5314.4	6675	11.5	161705.5	-5328.6	6765	10.8	162537.8	-5301.8	6855	10.8	163238.8	-5347.3
6586	9.5	161003.3	-5317.4	6676	10.5	161709.6	-5348.7	6766	10.8	162541.2	-5339.8	6856	11.0	163246.4	-5300.9
6587	11.3	161006.0	-5329.4	6677	9.4	161716.8	-5331.6	6767	10.5	162542.1	-5351.9	6857	10.8	163303.1	-5329.9
6588	11.3	161008.6	-5315.1	6678	9.9	161718.4	-5319.6	6768	11.3	162543.4	-5324.6	6858	8.5	163309.7	-5335.9
6589	10.0	161009.0	-5327.4	6679	10.3	161719.4	-5347.7	6769	10.3	162545.3	-5351.9	6859	11.5	163317.8	-5311.9
6590	11.3	161012.4	-5304.4	6680	10.5	161723.2	-5301.6	6770	11.3	162547.2	-5346.4	6860	10.8	163318.8	-5346.9
6591	9.8	161014.6	-5351.5	6681	10.0	161725.8	-5347.7	6771	10.5	162553.0	-5312.8	6861	11.5	163321.8	-5312.9
6592	11.0	161018.6	-5317.4	6682	10.5	161736.9	-5333.4	6772	8.9	162558.0	-5328.8	6862	11.5	163322.8	-5309.9
6593	9.8	161024.6	-5348.8	6683	9.2	161738.2	-5349.6	6773	8.1	162600.6	-5343.8	6863	11.0	163325.9	-5335.8
6594	11.5	161029.0	-5300.4	6684	9.9	161738.7	-5346.7	6774	11.0	162602.8	-5342.8	6864	11.3	163331.3	-5329.9
6595	10.0	161033.1	-5301.4	6685	9.9	161748.9	-5326.6	6775	11.0	162621.2	-5313.8	6865	11.5	163333.9	-5311.9
6596	10.8	161044.5	-5347.4	6686	10.5	161751.5	-5304.6	6776	10.8	162626.2	-5354.9	6866	9.7	163334.2	-5350.2
6597	9.7	161044.7	-5333.4	6687	10.0	161752.4	-5302.6	6777	8.4	162628.8	-5356.9	6867	10.8	163336.0	-5319.9
6598	11.5	161045.7	-5329.4	6688	9.9	161753.7	-5328.6	6778	10.8	162631.1	-5323.8	6868	10.8	163341.6	-5323.9
6599	11.0	161046.4	-5357.5	6689	9.5	161759.6	-5314.6	6779	11.3	162640.7	-5325.8	6869	11.0	163345.9	-5359.1
6600	10.0	161052.4	-5358.6	6690	10.0	161806.9	-5321.6	6780	11.3	162643.6	-5326.8	6870	10.8	163353.8	-5327.9
6601	10.3	161057.3	-5339.4	6691	9.4	161807.9	-5322.0	6781	8.0	162646.3	-5339.8	6871	8.2	163353.9	-5314.9
6602	9.8	161059.0	-5314.4	6692	9.1	161809.5	-5319.6	6782	10.0	162649.4	-5311.8	6872	9.3	163359.5	-5326.9
6603	11.5	161110.2	-5301.5	6693	10.3	161813.6	-5306.6	6783	10.8	162652.5	-5309.8	6873	10.5	163452.2	-5355.1
6604	11.3	161120.7	-5308.5	6694	11.0	161820.1	-5304.6	6784	10.0	162704.6	-5305.8	6874	11.5	163453.2	-5310.0
6605	11.0	161123.7	-5349.6	6695	10.5	161822.8	-5302.6	6785	11.3	162712.4	-5307.2	6875	11.0	163456.1	-5315.0
6606	9.4	161124.6	-5301.5	6696	11.0	161826.3	-5329.6	6786	11.3	162712.4	-5315.8	6876	10.0	163459.4	-5349.6
6607	10.8	161124.7	-5317.8	6697	9.0	161828.9	-5314.6	6787	9.8	162717.0	-5328.8	6877	10.5	163501.5	-5348.6
6608	10.5	161130.9	-5317.5	6698	10.5	161832.4	-5334.6	6788	10.5	162719.8	-5351.9	6878	9.3	163515.2	-5343.0
6609	11.0	161141.4	-5316.0	6699	10.0	161835.1	-5349.6	6789	10.0	162721.4	-5324.8	6879	11.5	163518.2	-5345.0
6610	9.3	161143.7	-5300.2	6700	9.9	161836.4	-5341.8	6790	11.0	162721.9	-5300.9	6880	11.5	163519.8	-5327.0
6611	10.5	161150.4	-5337.5	6701	9.8	161839.6	-5337.6	6791	11.3	162723.8	-5302.8	6881	10.8	163530.5	-5302.0
6612	10.8	161150.7	-5340.5	6702	9.1	161839.9	-5350.6	6792	8.0	162726.6	-5330.8	6882	9.5	163534.5	-5333.0
6613	11.0	161152.9	-5352.6	6703	9.1	161843.5	-5355.7	6793	10.8	162730.3	-5349.9	6883	9.8	163600.1	-5301.5
6614	10.8	161155.4	-5308.5	6704	10.0	161845.7	-5339.6	6794	9.6	162730.3	-5303.8	6884	10.5	163605.6	-5346.6
6615	9.5	161206.2	-5328.5	6705	10.0	161847.5	-5356.7	6795	11.0	162749.3	-5328.8	6885	11.0	163615.4	-5349.0
6616	11.0	161206.3	-5351.6	6706	9.7	161850.4	-5359.7	6796	10.8	162751.3	-5331.4	6886	11.0	163620.4	-5348.6
6617	10.3	161210.2	-5344.5	6707	10.0	161902.7	-5337.6	6797	11.3	162758.4	-5300.8	6887	10.5	163621.4	-5349.1
6618	9.5	161211.4	-5332.5	6708	9.1	161906.5	-5321.6	6798	11.5	162800.1	-5316.8	6888	11.0	163624.6	-5353.1
6619	11.0	161211.8	-5314.5	6709	10.8	161909.0	-5341.6	6799	11.5	162809.9	-5311.2	6889	11.0	163633.1	-5358.1
6620	9.2	161222.8	-5303.5	6710	10.0	161925.2	-5354.8	6800	10.8	162813.1	-5355.9	6890	11.0	163638.8	-5346.9

-53 6891 16h36m

-53 7250 17h15m

6891	9.0	163640.2	-5315.0	6981	10.0	164649.3	-5353.4	7071	9.6	165541.2	-5333.7
6892	11.5	163655.3	-5335.0	6982	9.6	164650.1	-5309.4	7072	10.5	165542.8	-5303.7
6893	10.8	163705.1	-5336.0	6983	10.0	164656.6	-5344.4	7073	10.3	165546.1	-5302.7
6894	11.0	163707.8	-5314.4	6984	10.0	164700.2	-5342.4	7074	9.9	165550.6	-5340.7
6895	11.0	163714.5	-5320.3	6985	10.0	164701.3	-5322.4	7075	10.3	165551.4	-5350.7
6896	11.0	163724.7	-5347.6	6986	9.6	164707.3	-5321.4	7076	10.5	165552.6	-5358.8
6897	10.3	163728.5	-5327.0	6987	9.6	164707.9	-5337.4	7077	10.5	165609.0	-5343.7
6898	10.3	163732.9	-5325.1	6988	10.5	164711.7	-5355.3	7078	10.3	165613.5	-5314.7
6899	10.8	163739.8	-5329.1	6989	10.3	164726.5	-5350.4	7079	9.7	165624.9	-5339.3
6900	8.3	163743.9	-5325.1	6990	10.3	164727.4	-5348.4	7080	9.7	165629.6	-5300.2
6901	10.0	163744.6	-5302.1	6991	9.8	164729.4	-5333.4	7081	9.0	165634.0	-5353.9
6902	10.0	163811.9	-5334.1	6992	8.5	164740.7	-5305.4	7082	10.3	165634.2	-5322.7
6903	10.8	163821.6	-5349.6	6993	8.2	164751.2	-5338.4	7083	9.7	165654.5	-5337.8
6904	10.5	163822.6	-5337.1	6994	10.0	164754.4	-5352.8	7084	10.5	165701.0	-5314.8
6905	10.5	163828.5	-5332.1	6995	8.2	164755.6	-5338.4	7085	9.6	165705.8	-5316.8
6906	10.5	163830.9	-5325.1	6996	10.0	164800.0	-5356.6	7086	10.5	165715.0	-5324.8
6907	10.3	163839.5	-5315.1	6997	10.0	164807.5	-5359.6	7087	10.5	165716.7	-5343.8
6908	10.5	163841.8	-5307.1	6998	8.4	164812.1	-5302.4	7088	8.0	165723.2	-5334.8
6909	9.5	163850.4	-5336.1	6999	10.0	164812.1	-5345.4	7089	9.4	165726.2	-5349.2
6910	10.3	163901.6	-5325.1	7000	8.3	164814.0	-5343.4	7090	10.5	165728.1	-5349.9
6911	10.5	163913.3	-5310.1	7001	10.5	164833.2	-5317.4	7091	10.3	165741.4	-5334.5
6912	11.0	163916.9	-5354.2	7002	10.0	164840.3	-5310.4	7092	9.7	165752.6	-5308.8
6913	10.8	163920.8	-5330.1	7003	9.2	164845.1	-5348.2	7093	10.5	165803.8	-5320.2
6914	10.0	163924.0	-5331.1	7004	10.3	164848.6	-5348.6	7094	10.8	165805.2	-5321.8
6915	10.5	163925.3	-5330.1	7005	9.6	164849.5	-5324.4	7095	10.5	165805.9	-5357.9
6916	11.0	163935.3	-5350.2	7006	10.3	164905.6	-5320.8	7096	10.8	165810.3	-5326.8
6917	10.0	163938.8	-5316.1	7007	10.3	164908.6	-5341.4	7097	9.6	165814.3	-5341.8
6918	10.3	163942.3	-5341.1	7008	9.9	164911.4	-5326.4	7098	10.5	165834.7	-5347.8
6919	10.5	163952.5	-5331.1	7009	10.3	164911.6	-5333.4	7099	10.0	165846.5	-5351.9
6920	10.5	164000.3	-5320.1	7010	9.8	164920.5	-5359.6	7100	10.5	165849.0	-5300.8
6921	10.5	164005.5	-5314.1	7011	10.5	164938.1	-5343.0	7101	9.2	165850.5	-5313.8
6922	9.6	164018.8	-5359.2	7012	9.8	164940.6	-5355.6	7102	10.8	165900.0	-5323.8
6923	10.8	164023.9	-5351.2	7013	9.8	164947.8	-5356.6	7103	10.0	165909.7	-5333.9
6924	9.5	164026.1	-5348.7	7014	10.5	164954.6	-5331.4	7104	10.5	165916.5	-5350.8
6925	9.9	164032.9	-5333.2	7015	10.5	164956.6	-5310.4	7105	8.3	165921.0	-5313.9
6926	10.5	164106.3	-5325.2	7016	9.7	164959.0	-5353.6	7106	10.5	165927.3	-5359.9
6927	10.8	164124.3	-5347.2	7017	10.3	164959.8	-5354.6	7107	9.8	165931.5	-5359.9
6928	10.5	164137.1	-5337.2	7018	10.5	165004.3	-5341.4	7108	9.8	165943.9	-5303.2
6929	9.3	164202.8	-5337.2	7019	10.3	165010.4	-5309.4	7109	10.0	165948.6	-5346.2
6930	10.5	164202.8	-5305.2	7020	9.8	165010.5	-5349.4	7110	10.3	165956.6	-5300.9
6931	9.6	164211.2	-5355.2	7021	10.0	165012.3	-5304.4	7111	9.5	170014.2	-5302.9
6932	9.2	164212.4	-5317.2	7022	10.0	165013.7	-5316.4	7112	10.5	170017.6	-5308.9
6933	9.8	164215.8	-5346.5	7023	10.5	165019.8	-5333.4	7113	10.5	170025.4	-5335.9
6934	10.0	164222.6	-5333.2	7024	9.6	165031.4	-5338.4	7114	9.2	170031.3	-5346.9
6935	10.0	164228.3	-5344.2	7025	10.3	165033.4	-5336.4	7115	10.0	170031.8	-5315.9
6936	9.2	164233.5	-5345.2	7026	10.5	165033.5	-5347.6	7116	10.0	170035.6	-5304.9
6937	9.1	164240.0	-5339.2	7027	10.0	165039.9	-5352.6	7117	10.5	170036.2	-5359.0
6938	10.3	164240.0	-5305.2	7028	9.3	165059.3	-5313.4	7118	9.8	170039.0	-5303.9
6939	10.0	164241.6	-5301.2	7029	9.8	165102.0	-5357.6	7119	9.8	170044.6	-5309.9
6940	9.2	164245.3	-5304.2	7030	8.2	165103.8	-5347.0	7120	10.0	170056.0	-5358.0
6941	9.3	164249.5	-5358.2	7031	10.8	165116.6	-5335.4	7121	10.5	170105.9	-5345.9
6942	8.0	164256.8	-5356.2	7032	10.5	165121.4	-5327.6	7122	10.0	170106.2	-5342.9
6943	10.5	164309.3	-5300.5	7033	9.4	165122.2	-5316.6	7123	9.9	170110.4	-5330.9
6944	10.5	164315.2	-5303.2	7034	9.5	165129.0	-5353.0	7124	8.1	170111.2	-5339.9
6945	9.9	164319.4	-5321.2	7035	10.5	165129.7	-5308.6	7125	10.8	170120.2	-5313.9
6946	10.5	164326.8	-5332.2	7036	10.5	165133.3	-5321.6	7126	10.5	170124.5	-5312.9
6947	10.0	164330.6	-5345.2	7037	9.9	165145.4	-5300.6	7127	10.3	170135.7	-5302.9
6948	10.0	164350.5	-5359.4	7038	10.3	165146.8	-5341.6	7128	10.0	170143.6	-5336.9
6949	8.4	164355.9	-5344.2	7039	10.5	165149.0	-5332.6	7129	10.3	170147.8	-5331.9
6950	9.9	164359.5	-5334.2	7040	8.7	165153.8	-5347.3	7130	10.0	170149.4	-5314.9
6951	10.3	164401.2	-5349.2	7041	10.5	165200.2	-5302.6	7131	10.0	170159.8	-5336.9
6952	9.6	164403.1	-5319.3	7042	8.0	165201.0	-5357.6	7132	10.0	170208.3	-5315.9
6953	9.6	164405.1	-5313.3	7043	10.5	165211.2	-5340.6	7133	7.9	170212.6	-5313.0
6954	10.3	164407.8	-5327.3	7044	10.8	165217.9	-5320.6	7134	9.9	170215.7	-5305.0
6955	9.7	164410.1	-5307.3	7045	10.3	165220.4	-5300.6	7135	9.8	170220.5	-5342.0
6956	10.5	164414.1	-5321.3	7046	10.0	165220.8	-5358.6	7136	10.3	170229.3	-5338.2
6957	10.0	164414.4	-5337.3	7047	10.0	165235.8	-5336.6	7137	9.7	170239.0	-5346.5
6958	10.3	164417.6	-5302.3	7048	10.5	165242.7	-5334.6	7138	10.5	170240.9	-5336.0
6959	8.3	164426.8	-5303.3	7049	10.3	165258.5	-5344.6	7139	10.0	170243.2	-5325.0
6960	11.5	164455.7	-5354.4	7050	6.0	165310.4	-5302.6	7140	10.5	170244.8	-5356.0
6961	10.0	164456.1	-5338.3	7051	9.4	165315.1	-5317.6	7141	10.5	170307.0	-5342.0
6962	9.7	164506.8	-5330.3	7052	10.0	165318.1	-5314.6	7142	9.1	170312.3	-5331.0
6963	9.7	164507.9	-5318.3	7053	9.7	165321.2	-5332.6	7143	10.5	170323.1	-5311.0
6964	10.5	164515.4	-5302.3	7054	9.6	165332.1	-5328.6	7144	10.0	170325.3	-5358.0
6965	10.0	164517.7	-5315.3	7055	10.5	165336.0	-5312.6	7145	8.3	170330.0	-5318.0
6966	10.8	164519.1	-5320.3	7056	9.6	165337.2	-5328.6	7146	9.0	170339.9	-5326.0
6967	10.5	164520.6	-5354.4	7057	9.5	165406.5	-5328.6	7147	10.5	170359.5	-5358.0
6968	11.0	164525.7	-5348.3	7058	10.5	165410.3	-5348.2	7148	10.5	170402.7	-5323.0
6969	9.5	164535.2	-5302.3	7059	10.3	165421.0	-5315.6	7149	10.0	170405.5	-5315.0
6970	10.8	164536.8	-5319.3	7060	10.5	165421.8	-5356.8	7150	10.0	170412.4	-5350.5
6971	10.3	164542.9	-5309.3	7061	9.6	165427.5	-5300.6	7151	10.3	170425.0	-5306.0
6972	10.0	164551.9	-5332.3	7062	8.6	165433.7	-5325.6	7152	10.5	170432.3	-5301.0
6973	9.9	164605.5	-5324.3	7063	10.5	165436.8	-5347.8	7153	8.9	170435.8	-5333.0
6974	9.8	164618.9	-5300.8	7064	9.3	165449.6	-5314.0	7154	9.4	170440.5	-5334.4
6975	10.0	164622.2	-5346.4	7065	9.6	165511.9	-5346.2	7155	10.8	170443.2	-5342.0
6976	10.5	164624.0	-5348.4	7066	10.5	165511.9	-5312.7	7156	10.5	170445.0	-5309.0
6977	10.3	164625.7	-5342.4	7067	10.5	165512.4	-5320.7	7157	10.5	170446.5	-5320.6
6978	10.0	164626.8	-5340.4	7068	10.5	165522.0	-5357.8	7158	9.9	170453.4	-5320.0
6979	10.3	164632.2	-5304.4	7069	8.9	165532.7	-5334.7	7159	10.5	170526.4	-5308.1
6980	10.3	164636.9	-5346.4	7070	10.5	165535.3	-5316.7	7160	10.5	170534.2	-5326.1
7161	10.3	170545.9	-5304.1								
7162	10.3	170548.0	-5355.2								
7163	8.0	170551.6	-5347.6								
7164	8.5	170552.1	-5314.1								
7165	10.3	170554.6	-5301.1								
7166	10.3	170556.1	-5343.1								
7167	10.0	170603.1	-5301.1								
7168	10.3	170605.2	-5358.2								
7169	10.0	170608.7	-5331.1								
7170	10.0	170610.8	-5336.1								
7171	10.0	170614.8	-5326.1								
7172	10.5	170621.4	-5303.1								
7173	10.3	170622.8	-5336.1								
7174	9.0	170630.4	-5343.7								
7175	9.8	170646.0	-5339.6								
7176	9.6	170649.3	-5342.1								
7177	10.0	170653.8	-5340.1								
7178	10.5	170659.0	-5319.1								
7179	9.6	170659.9	-5353.2								
7180	10.8	170713.4	-5357.2								
7181	10.3	170724.1	-5307.1								
7182	9.7	170724.1	-5300.2								
7183	9.3	170738.3	-5345.4								
7184	9.9	170739.0	-5316.2								
7185	10.3	170748.8	-5331.2								
7186	9.5	170753.3	-5339.2								
7187	9.8	170802.4	-5355.2								
7188	9.4	170804.3	-5346.2								
7189	10.5	170808.8	-5337.2								
7190	10.0	170812.8	-5348.2								
7191	11.0	170824.8	-5347.2								
7192	10.8	170848.2	-5326.2								
7193	9.7	170850.4	-5332.2								
7194	10.5	170907.8	-5325.2								
7195	10.0	170908.9	-5319.2								
7196	8.3	170916.1	-5314.2								
7197	8.6	170921.1	-5313.6								
7198	9.8	170923.3	-5315.2								
7199	10.5	170928.7	-5301.6								
7200	7.9	170930.9	-5340.2								
7201	10.5	170947.0	-5350.3								
7202	11.0	170952.7	-5359.3								
7203	10.8	170953.1	-5302.2								
7204	10.8	171001.7	-5357.3								
7205	9.6	171007.5	-5327.2								
7206	11.0	171011.3	-5346.3								
7207	9.7	171017.7	-5323.2								
7208	10.3	171019.2	-5330.6								
7209	9.5	171019.5	-5344.2								
7210	10.5	171020.1	-5342.2								
7211	10.5	171033.0	-5307.2								
7212	9.1	171049.5	-5326.2								
7213	10.3	171051.0	-5314.2								
7214	10.5	171052.2	-5329.2								
7215	9.5	171055.6	-5307.2								
7216	11.0	171058.2	-5351.4								
7217	10.8	171058.9	-5311.2								
7218	10.3	171135.4	-5327.7								
7219	11.0	171136.5	-5350.4								
7220	10.3	171152.1	-5353.4								
7221	10.5	171201.6	-5349.0								
7222	11.0	171223.0	-5350.5								
7223	8.6	171229.9	-5326.7								
7224	10.0	171233.9	-5327.7								
7225	11.0	171252.9	-5352.5								
7226	10.5	171253.7	-5319.7								
7227	10.5	171254.0	-5350.5								
7228	10.5	171257.7	-5319.2								
7229	9.1	171309.2	-5304.8								
7230	10.5	171318.5	-5357.5								
7231	10.0	171322.9	-5354.5								
7232	10.8	171334.3	-5305.8								
7233	10.5	171353.1	-5353.5								
7234	10.8	171355.0	-5350.5								
7235	10.5	171408.7	-5319.8								
7236	10.5	171411.0	-5346.2								
7237	9.5	171421.9	-5330.8								
7238	10.0	171425.1	-5351.5								
7239	9.8	171427.0	-5341.8								
7240	11.0	171434.5	-5350.5								
7241	10.0	171441.1	-5345.8								
7242	10.3	171441.5	-5357.5								
7243	8.3	171442.4	-5331.8								
7244	10.8	171449.8	-5359.5								
7245	9.8	171450.4	-5329.8								
7246	9.9	171500.3	-5309.8								
7247	10.0	171527.7	-5329.2								
7248	10.3	171531.5	-5319.8								
7249	10.5	171532.2	-5322.8								
7250	10.5	171539.4	-5340.6								

-55 7251 17h15m

-53 7610 18h03m

7251	10.3	171540.5	-5341.8	7341	9.8	173009.0	-5336.5	7431	7.2	174114.5	-5348.0
7252	10.5	171600.0	-5319.8	7342	9.8	173009.9	-5337.5	7432	9.7	174137.9	-5317.0
7253	10.3	171648.5	-5339.9	7343	10.5	173018.0	-5332.5	7433	10.0	174144.9	-5323.1
7254	10.5	171648.9	-5329.9	7344	9.2	173022.1	-5343.5	7434	8.6	174145.0	-5302.1
7255	9.4	171649.4	-5338.9	7345	10.5	173025.7	-5314.6	7435	9.8	174203.9	-5327.1
7256	10.8	171651.2	-5359.6	7346	10.0	173030.8	-5340.6	7436	10.5	174207.0	-5315.1
7257	10.0	171723.1	-5332.9	7347	20.0	173035.4	-5335.8	7437	10.5	174210.3	-5333.1
7258	9.6	171727.5	-5342.9	7348	10.5	173051.4	-5326.6	7438	8.8	174213.1	-5328.1
7259	6.9	171729.7	-5305.9	7349	8.8	173108.5	-5345.2	7439	10.8	174231.5	-5335.1
7260	10.0	171742.8	-5359.6	7350	10.0	173115.0	-5333.6	7440	11.0	174235.2	-5312.1
7261	7.1	171814.5	-5354.6	7351	9.3	173117.4	-5343.7	7441	10.0	174243.8	-5312.1
7262	7.6	171815.7	-5322.9	7352	7.5	173123.1	-5323.6	7442	10.8	174244.8	-5303.1
7263	9.9	171819.2	-5312.9	7353	11.0	173128.2	-5336.6	7443	9.0	174302.1	-5355.0
7264	9.3	171826.2	-5338.9	7354	9.3	173135.1	-5357.8	7444	11.0	174305.0	-5359.0
7265	8.8	171832.3	-5355.6	7355	10.8	173143.8	-5328.6	7445	11.0	174309.4	-5302.1
7266	10.3	171838.1	-5324.9	7356	10.5	173158.1	-5303.7	7446	10.0	174314.8	-5349.1
7267	10.5	171838.2	-5339.9	7357	10.5	173202.5	-5355.8	7447	10.3	174316.8	-5350.0
7268	11.3	171842.2	-5320.9	7358	9.6	173203.8	-5324.7	7448	11.3	174317.5	-5321.1
7269	9.1	171855.7	-5302.9	7359	11.0	173210.1	-5327.7	7449	9.9	174317.9	-5350.1
7270	10.3	171907.9	-5311.0	7360	10.3	173225.8	-5345.7	7450	7.9	174331.4	-5323.1
7271	10.8	171908.6	-5353.6	7361	9.2	173226.4	-5353.8	7451	10.0	174332.6	-5339.1
7272	10.3	171933.5	-5356.6	7362	11.0	173257.6	-5349.8	7452	10.8	174350.2	-5336.1
7273	10.8	171940.8	-5304.0	7363	9.9	173259.2	-5346.7	7453	11.0	174359.9	-5304.1
7274	8.3	171943.6	-5353.6	7364	11.0	173306.0	-5338.7	7454	10.8	174407.0	-5346.1
7275	11.0	171945.0	-5347.6	7365	10.0	173306.9	-5308.7	7455	9.3	174410.3	-5352.0
7276	10.8	171946.7	-5354.6	7366	9.9	173310.0	-5318.7	7456	10.5	174427.0	-5337.2
7277	10.5	172009.9	-5302.0	7367	9.2	173320.8	-5302.7	7457	10.8	174439.4	-5349.1
7278	9.6	172010.5	-5335.0	7368	11.0	173328.8	-5359.8	7458	11.3	174452.8	-5311.2
7279	9.5	172011.5	-5333.0	7369	9.8	173334.8	-5323.7	7459	10.5	174459.6	-5358.0
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7281	10.8	172037.4	-5311.0	7371	11.0	173354.6	-5309.7	7461	9.9	174512.5	-5308.2
7282	9.6	172037.5	-5309.0	7372	9.8	173357.1	-5302.7	7462	11.5	174529.1	-5335.2
7283	9.5	172056.6	-5327.0	7373	8.5	173419.9	-5339.7	7463	10.5	174550.5	-5356.1
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7325	10.0	172722.0	-5339.4	7415	10.8	173903.5	-5345.9	7505	10.5	175215.0	-5309.9
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7663 10.3 181157.9 -5353.5	7753 10.0 182314.6 -5301.5	7843 10.8 183347.5 -5317.8	7933 10.0 184556.4 -5340.9
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7700 10.5 181634.9 -5346.5	7790 11.0 182736.1 -5320.6	7880 10.0 183907.7 -5349.6	7970 10.0 185002.6 -5355.2

-53 7970 18h50m

-53 7971 18h50m

-53 8330 19h43m

7971	10.0	185023.6	-5322.4	8061	10.0	190352.8	-5332.2	8151	10.0	191725.7	-5336.9
7972	9.5	185026.0	-5347.3	8062	10.0	190409.3	-5314.4	8152	10.5	191726.0	-5348.1
7973	9.5	185027.7	-5340.4	8063	10.0	190418.2	-5353.7	8153	10.0	191733.1	-5300.9
7974	9.8	185031.2	-5359.2	8064	10.0	190421.8	-5304.6	8154	9.2	191750.2	-5301.0
7975	10.0	185038.1	-5321.3	8065	10.0	190437.8	-5342.1	8155	9.9	191824.1	-5326.9
7976	10.0	185048.2	-5308.3	8066	10.0	190442.2	-5317.2	8156	10.8	191835.4	-5353.1
7977	10.0	185102.8	-5324.8	8067	10.0	190443.4	-5306.0	8157	9.9	191847.1	-5332.3
7978	10.0	185126.6	-5343.6	8068	9.4	190500.8	-5331.3	8158	10.8	191911.8	-5346.5
7979	10.0	185131.6	-5300.6	8069	10.0	190501.6	-5357.8	8159	10.0	191917.9	-5301.9
7980	10.0	185133.3	-5341.5	8070	9.4	190507.5	-5345.2	8160	8.5	191918.6	-5320.3
7981	9.9	185138.6	-5306.3	8071	7.8	190513.9	-5334.4	8161	10.0	191925.1	-5332.9
7982	9.5	185157.0	-5341.3	8072	9.5	190519.6	-5353.0	8162	10.0	191932.1	-5337.9
7983	9.8	185206.9	-5312.7	8073	10.0	190526.0	-5351.0	8163	10.0	191954.0	-5329.2
7984	9.4	185207.6	-5308.3	8074	10.0	190608.3	-5304.5	8164	7.7	192005.2	-5352.2
7985	8.3	185217.9	-5341.0	8075	9.9	190608.9	-5341.2	8165	11.0	192026.4	-5347.1
7986	10.0	185220.4	-5350.6	8076	11.0	190624.8	-5355.1	8166	10.5	192106.2	-5350.3
7987	9.8	185231.8	-5337.8	8077	10.0	190644.6	-5316.5	8167	10.0	192109.3	-5310.0
7988	9.9	185236.7	-5310.3	8078	10.0	190647.5	-5322.5	8168	10.0	192113.4	-5319.0
7989	9.8	185240.8	-5305.3	8079	10.0	190655.9	-5330.9	8169	10.0	192122.4	-5315.0
7990	10.0	185257.0	-5355.3	8080	9.8	190658.3	-5339.2	8170	9.4	192137.6	-5314.0
7991	9.2	185303.9	-5312.0	8081	10.0	190659.0	-5342.5	8171	10.0	192139.0	-5304.0
7992	9.6	185306.1	-5345.0	8082	10.8	190711.2	-5358.1	8172	8.1	192142.9	-5331.0
7993	9.9	185318.6	-5324.3	8083	10.0	190712.3	-5303.5	8173	9.4	192149.5	-5324.0
7994	9.8	185320.2	-5325.6	8084	9.8	190719.3	-5323.5	8174	8.4	192158.4	-5337.0
7995	10.0	185321.0	-5334.0	8085	10.0	190737.8	-5330.3	8175	10.5	192205.1	-5351.1
7996	10.0	185327.7	-5338.2	8086	9.7	190747.4	-5333.9	8176	9.2	192205.4	-5309.0
7997	9.9	185328.6	-5320.5	8087	9.9	190757.5	-5327.8	8177	9.0	192220.7	-5318.0
7998	9.7	185329.4	-5355.6	8088	9.7	190802.5	-5324.7	8178	10.0	192250.3	-5319.1
7999	9.1	185332.6	-5310.3	8089	6.6	190810.8	-5336.3	8179	10.0	192251.5	-5343.7
8000	10.0	185335.4	-5330.4	8090	11.0	190826.8	-5350.1	8180	11.0	192258.4	-5350.1
8001	10.0	185413.1	-5353.3	8091	10.8	190828.1	-5352.1	8181	6.0	192301.4	-5326.9
8002	10.0	185422.2	-5332.6	8092	10.5	190836.2	-5359.1	8182	8.8	192301.6	-5357.8
8003	9.9	185437.6	-5327.2	8093	10.0	190842.9	-5325.3	8183	10.0	192318.9	-5305.1
8004	10.0	185453.4	-5318.3	8094	10.0	190906.0	-5324.6	8184	11.0	192321.6	-5350.1
8005	10.0	185501.2	-5351.3	8095	10.0	190915.6	-5320.6	8185	9.5	192323.2	-5311.2
8006	10.0	185501.6	-5306.3	8096	9.5	190927.4	-5344.3	8186	10.0	192323.2	-5310.1
8007	9.9	185507.8	-5335.3	8097	10.0	190928.8	-5307.6	8187	11.0	192323.8	-5354.1
8008	9.4	185509.4	-5349.6	8098	10.8	190931.6	-5359.4	8188	8.4	192331.1	-5345.1
8009	10.0	185515.3	-5349.3	8099	10.0	190938.8	-5323.8	8189	10.0	192332.2	-5331.1
8010	9.9	185517.6	-5314.0	8100	11.3	190947.2	-5356.1	8190	10.5	192350.8	-5353.0
8011	10.0	185520.6	-5345.8	8101	10.0	190953.1	-5312.6	8191	10.0	192424.6	-5320.1
8012	9.5	185528.5	-5358.3	8102	11.0	191013.6	-5359.1	8192	10.0	192426.3	-5310.1
8013	8.4	185532.2	-5328.5	8103	10.0	191039.8	-5305.4	8193	10.0	192431.9	-5310.1
8014	10.0	185533.2	-5318.3	8104	9.7	191053.3	-5326.5	8194	10.5	192452.0	-5335.1
8015	9.4	185543.5	-5357.3	8105	9.6	191058.6	-5300.9	8195	10.3	192458.0	-5348.4
8016	10.0	185557.2	-5349.4	8106	9.4	191059.8	-5327.5	8196	9.8	192503.0	-5320.8
8017	9.6	185601.0	-5347.0	8107	9.5	191100.6	-5317.7	8197	7.6	192511.5	-5347.2
8018	9.8	185604.6	-5306.2	8108	10.3	191126.6	-5348.5	8198	9.5	192522.2	-5311.5
8019	9.5	185606.2	-5325.1	8109	10.0	191129.6	-5338.3	8199	10.0	192528.0	-5339.3
8020	8.0	185607.3	-5343.3	8110	10.5	191130.8	-5348.1	8200	9.8	192534.6	-5314.2
8021	9.9	185609.8	-5350.6	8111	10.5	191131.9	-5354.1	8201	8.3	192540.2	-5323.2
8022	10.0	185614.3	-5305.2	8112	10.0	191149.4	-5314.7	8202	10.8	192546.7	-5350.1
8023	9.4	185624.6	-5304.3	8113	10.0	191156.9	-5314.7	8203	10.8	192600.6	-5352.0
8024	10.0	185648.4	-5352.6	8114	9.1	191207.0	-5342.4	8204	10.0	192600.7	-5335.2
8025	10.0	185655.3	-5325.3	8115	9.7	191210.4	-5338.0	8205	7.2	192607.8	-5316.5
8026	9.8	185724.8	-5308.5	8116	9.8	191217.1	-5346.6	8206	10.0	192611.2	-5302.0
8027	10.0	185725.0	-5332.3	8117	9.6	191217.7	-5333.6	8207	10.0	192615.7	-5306.4
8028	10.0	185726.3	-5358.4	8118	9.9	191222.8	-5329.7	8208	10.0	192621.4	-5320.2
8029	10.0	185752.5	-5349.4	8119	10.5	191241.8	-5359.1	8209	10.5	192639.4	-5352.0
8030	10.0	185757.4	-5304.3	8120	10.0	191259.9	-5336.7	8210	10.0	192642.9	-5312.2
8031	10.0	185825.2	-5343.3	8121	8.7	191305.2	-5353.1	8211	10.0	192655.9	-5312.2
8032	10.0	185827.7	-5359.5	8122	9.5	191305.3	-5307.7	8212	10.0	192742.2	-5336.7
8033	10.0	185832.2	-5317.3	8123	10.8	191310.7	-5346.1	8213	10.0	192747.2	-5328.8
8034	10.0	185837.7	-5308.3	8124	10.0	191322.4	-5318.5	8214	10.0	192821.8	-5314.0
8035	10.0	185842.1	-5314.3	8125	10.0	191332.3	-5321.4	8215	10.0	192823.2	-5309.3
8036	10.0	185911.0	-5345.3	8126	10.0	191332.3	-5315.8	8216	10.0	192832.3	-5322.9
8037	10.0	185917.2	-5331.3	8127	10.0	191346.3	-5309.8	8217	10.0	192834.7	-5346.2
8038	10.0	185929.2	-5340.1	8128	10.0	191350.8	-5322.3	8218	10.0	192838.7	-5320.3
8039	10.0	185931.9	-5350.5	8129	8.5	191405.6	-5333.6	8219	9.4	192845.6	-5338.3
8040	10.0	185939.0	-5355.7	8130	10.0	191427.7	-5341.3	8220	10.0	192853.6	-5317.3
8041	10.0	185949.1	-5358.8	8131	9.2	191432.4	-5300.0	8221	9.8	192904.0	-5306.3
8042	10.0	185953.3	-5322.3	8132	8.6	191442.5	-5336.8	8222	9.7	192916.6	-5330.3
8043	9.5	190011.8	-5303.3	8133	10.0	191459.8	-5327.8	8223	10.0	192931.8	-5300.3
8044	10.0	190030.9	-5319.1	8134	10.0	191501.9	-5312.1	8224	10.0	192932.3	-5310.6
8045	9.8	190035.0	-5342.3	8135	9.8	191511.6	-5303.8	8225	10.0	192940.6	-5315.1
8046	10.0	190053.1	-5334.3	8136	10.0	191519.0	-5323.8	8226	10.0	192940.8	-5307.8
8047	9.7	190056.8	-5356.8	8137	11.0	191527.9	-5351.1	8227	9.7	192942.3	-5325.1
8048	10.0	190105.1	-5332.3	8138	10.0	191529.5	-5341.0	8228	10.0	192945.9	-5327.6
8049	8.7	190145.2	-5331.3	8139	10.0	191532.8	-5304.8	8229	10.0	192951.2	-5321.4
8050	10.0	190152.5	-5352.8	8140	10.8	191542.0	-5359.7	8230	10.0	193000.3	-5319.4
8051	10.0	190200.2	-5357.6	8141	10.0	191544.3	-5346.8	8231	11.3	193002.2	-5348.2
8052	9.2	190201.6	-5305.3	8142	10.0	191601.5	-5333.2	8232	10.0	193002.3	-5317.3
8053	10.0	190209.2	-5303.6	8143	9.9	191602.5	-5314.6	8233	8.7	193002.8	-5335.6
8054	9.7	190225.2	-5325.1	8144	9.3	191616.9	-5306.1	8234	10.0	193015.8	-5310.4
8055	10.0	190244.3	-5352.6	8145	9.7	191620.8	-5336.5	8235	10.0	193023.4	-5356.2
8056	10.0	190247.2	-5347.0	8146	10.0	191624.7	-5304.9	8236	8.2	193038.8	-5300.8
8057	10.0	190310.8	-5322.2	8147	10.0	191629.4	-5319.9	8237	10.0	193042.6	-5303.8
8058	9.9	190337.9	-5342.0	8148	10.0	191635.9	-5301.9	8238	9.0	193105.0	-5333.8
8059	10.0	190343.5	-5340.4	8149	9.6	191658.2	-5322.2	8239	10.5	193105.2	-5357.0
8060	10.0	190345.2	-5320.4	8150	10.5	191715.2	-5357.1	8240	10.0	193111.8	-5303.4
8241	10.0	193152.2	-5305.8								
8242	8.3	193154.8	-5332.2								
8243	7.1	193229.2	-5314.2								
8244	10.0	193232.8	-5310.2								
8245	10.0	193236.8	-5318.2								
8246	10.0	193245.0	-5327.4								
8247	10.5	193246.4	-5354.2								
8248	10.0	193254.5	-5330.4								
8249	10.0	193257.6	-5329.0								
8250	10.0	193306.9	-5305.8								
8251	10.5	193316.0	-5355.0								
8252	10.0	193319.9	-5344.6								
8253	10.0	193329.2	-5306.6								
8254	10.0	193337.5	-5330.4								
8255	8.3	193337.8	-5359.3								
8256	9.3	193343.0	-5305.4								
8257	10.0	193345.2	-5329.4								
8258	10.0	193351.9	-5349.6								
8259	11.0	193401.9	-5349.3								
8260	11.5	193422.5	-5359.3								
8261	9.7	193437.7	-5333.4								
8262	9.9	193448.3	-5326.2								
8263	9.6	193449.6	-5352.4								
8264	9.2	193457.0	-5356.3								
8265	10.0	193509.6	-5333.6								
8266	10.0	193518.0	-5313.4								
8267	10.0	193519.2	-5325.4								
8268	9.5	193531.3	-5331.3								
8269	11.0	193537.9	-5356.3								
8270	10.0	193539.9	-5323.1								
8271	11.3	193544.8	-5358.3								
8272	9.8	193604.9	-5308.2								
8273	10.0	193613.1	-5317.4								
8274	11.3	193618.3	-5344.5								
8275	11.0	193618.8	-5342.1								
8276	11.5	193639.2	-5342.5								
8277	10.5	193639.9	-5323.5								
8278	11.3	193640.9	-5337.8								
8279	9.7	193645.1	-5355.5								
8280	8.4	193657.2	-5306.3								
8281	11.0	193658.0	-5345.3								
8282	10.8	193709.4	-5325.5								
8283	11.0	193715.5	-5334.5								
8284	9.6	193735.6	-5347.4								
8285	11.0	193751.6	-5320.5								
8286	9.0	193757.6	-5322.8								
8287	11.0	193813.1	-5318.8								
8288	11.5	193817.4	-5351.3								
8289	10.5	193829.7	-5324.5								
8290	11.0	193829.7	-5325.5								
8291	10.3	193830.0	-5339.5								
8292	9.5	193850.8	-5349.1								
8293	10.8	193854.0	-5339.0								
8294	6.5	193911.7	-5311.6								
8295	10.0	193913.5	-5340.4								
8296	10.8	193920.7	-5330.6								
8297	10.0	193925.2	-5342.6								
8298	9.1	193945.6	-5311.6								
8299	10.8	193948.8	-5335.6								
8300	9.8	193959.3	-5339.2								
8301	11.3	194000.1	-5345.6								
8302	11.0	194002.4	-5356.3								
8303	11.3	194006.6	-5345.6								
8304	10.8	194018.0	-5305.6								
8305	11.0	194022.0	-5347.8								
8306	10.5	194041.0	-5312.3								
8307	10.5	194043.0	-5303.6								
8308	8.5	194047.6	-5358.3								
8309	9.9	194058.8	-5341.3								
8310	10.8	194103.3	-5326.4								
8311	11.0	194109.9	-5327.6								
8312	10.5	194122.2	-5347.8								
8313	9.8	194134.9	-5303.8								
8314	9.3	194142.9	-5331.8								
8315	10.5	194149.9	-5310.6								
8316	10.8	194151.8	-5331.7								
8317	9.9	194205.4	-5349.2								
8318	10.5	194211.9	-5350.5								
8319	10.5	194214.9	-5328.4								
8320	10.8	194215.8	-5340.7								
8321	9.8	194222.1	-5350.6								
8322	9.6	194224.1	-5348.0								
8323	10.5	194244.2	-5315.7								
8324	10.3	194244.4	-5325.0								
8325	11.5	194253.4	-5356.4								
8326	11.3	194300.4	-5329.6								
8327	9.8	194311.3	-5355.4								
8328	11.3	194317.6	-5335.7								
8329	11.8	194321.1	-5348.4								
8330	7.2	194327.6	-5324.1								

8331	10.8	194335.9	-5344.6	8421	9.5	195924.2	-5346.2	8511	11.5	201659.1	-5307.9	8601	10.0	203120.8	-5339.7
8332	11.3	194349.8	-5340.2	8422	9.9	195929.1	-5358.6	8512	9.5	201719.8	-5335.9	8602	10.0	203126.8	-5320.5
8333	11.3	194359.2	-5321.7	8423	10.5	195956.6	-5306.3	8513	10.8	201721.7	-5311.9	8603	10.0	203127.6	-5301.5
8334	10.5	194401.4	-5309.7	8424	11.5	200005.4	-5322.3	8514	9.6	201734.3	-5336.9	8604	10.8	203138.3	-5355.9
8335	10.5	194419.6	-5312.7	8425	9.7	200049.5	-5356.6	8515	10.5	201749.2	-5339.9	8605	10.5	203140.7	-5354.9
8336	11.5	194429.6	-5355.4	8426	10.8	200051.5	-5343.8	8516	10.3	201751.6	-5346.2	8606	10.0	203146.4	-5316.5
8337	11.5	194450.3	-5311.7	8427	10.8	200053.2	-5358.8	8517	8.4	201752.6	-5348.9	8607	10.0	203206.8	-5324.5
8338	10.3	194526.0	-5311.5	8428	10.8	200055.4	-5355.6	8518	11.0	201808.0	-5322.9	8608	10.0	203207.8	-5325.5
8339	10.3	194531.3	-5309.7	8429	10.0	200108.0	-5318.3	8519	9.8	201821.4	-5304.7	8609	10.0	203219.0	-5317.5
8340	10.8	194601.2	-5310.8	8430	9.9	200112.1	-5343.3	8520	10.3	201829.9	-5307.9	8610	10.0	203220.5	-5316.5
8341	11.3	194603.8	-5312.8	8431	11.3	200117.1	-5303.3	8521	11.0	201844.9	-5320.8	8611	10.0	203227.7	-5333.5
8342	9.8	194622.5	-5307.8	8432	11.0	200122.1	-5357.6	8522	11.0	201848.3	-5310.9	8612	10.0	203231.0	-5346.5
8343	9.3	194629.3	-5327.8	8433	10.8	200129.6	-5311.3	8523	10.5	201916.4	-5324.9	8613	10.0	203249.0	-5313.6
8344	10.5	194630.6	-5325.8	8434	8.5	200134.7	-5342.3	8524	10.8	201918.9	-5322.9	8614	10.0	203249.8	-5321.6
8345	10.3	194633.3	-5317.8	8435	9.9	200137.6	-5340.3	8525	9.5	201947.6	-5341.9	8615	10.0	203258.6	-5350.6
8346	11.0	194642.9	-5357.4	8436	10.3	200156.7	-5308.5	8526	10.0	201949.3	-5304.9	8616	10.0	203258.6	-5345.6
8347	9.7	194652.9	-5348.5	8437	9.3	200158.3	-5337.1	8527	10.5	201949.6	-5302.9	8617	8.2	203302.8	-5306.6
8348	9.4	194655.6	-5302.0	8438	9.9	200203.2	-5328.9	8528	11.3	201957.6	-5357.6	8618	10.0	203306.1	-5357.9
8349	11.0	194657.3	-5305.0	8439	9.7	200207.6	-5322.3	8529	10.8	202002.3	-5354.6	8619	10.0	203309.5	-5301.4
8350	9.5	194714.9	-5339.4	8440	10.3	200207.8	-5320.3	8530	11.5	202008.5	-5348.0	8620	10.0	203344.6	-5309.6
8351	11.3	194727.7	-5329.8	8441	10.5	200217.0	-5313.0	8531	10.8	202022.3	-5347.8	8621	10.0	203347.0	-5308.6
8352	10.3	194729.5	-5315.8	8442	10.3	200221.0	-5322.3	8532	10.8	202033.8	-5305.0	8622	10.0	203347.0	-5305.6
8353	10.3	194732.0	-5315.6	8443	11.0	200231.5	-5334.3	8533	10.5	202047.8	-5321.8	8623	11.0	203349.1	-5352.0
8354	11.3	194741.2	-5350.4	8444	11.3	200231.5	-5326.3	8534	10.5	202051.3	-5328.2	8624	10.5	203412.9	-5356.0
8355	10.3	194745.6	-5335.0	8445	9.3	200241.0	-5325.3	8535	10.5	202100.8	-5312.0	8625	10.0	203414.2	-5321.6
8356	9.8	194751.0	-5334.8	8446	10.8	200249.2	-5346.3	8536	9.6	202101.4	-5354.6	8626	9.4	203441.5	-5322.8
8357	9.5	194822.8	-5312.8	8447	11.0	200250.7	-5345.3	8537	11.0	202110.2	-5345.3	8627	10.0	203448.3	-5319.1
8358	11.0	194829.8	-5314.9	8448	11.0	200302.8	-5357.6	8538	11.0	202111.4	-5334.0	8628	9.9	203511.8	-5343.6
8359	9.4	194837.7	-5337.5	8449	9.7	200303.6	-5337.6	8539	9.2	202113.9	-5358.6	8629	8.8	203531.7	-5306.6
8360	10.3	194844.8	-5313.9	8450	11.0	200318.0	-5343.0	8540	11.5	202118.0	-5304.0	8630	10.0	203532.0	-5324.6
8361	11.0	194849.5	-5353.5	8451	9.7	200319.8	-5351.8	8541	7.6	202126.2	-5313.0	8631	10.0	203555.6	-5312.7
8362	11.3	194918.9	-5343.8	8452	9.6	200326.3	-5316.2	8542	8.9	202127.1	-5317.2	8632	10.0	203556.5	-5311.7
8363	11.3	194924.5	-5312.9	8453	9.4	200328.3	-5303.7	8543	11.0	202136.2	-5338.0	8633	10.0	203621.8	-5305.7
8364	9.8	194925.8	-5324.2	8454	11.5	200332.8	-5332.4	8544	11.0	202137.6	-5324.0	8634	10.0	203622.5	-5342.7
8365	11.0	194927.8	-5330.9	8455	11.3	200343.0	-5352.7	8545	10.8	202153.9	-5311.0	8635	10.0	203628.3	-5359.0
8366	10.5	195002.4	-5337.7	8456	8.5	200350.0	-5358.7	8546	10.0	202205.9	-5308.2	8636	9.8	203630.2	-5332.7
8367	9.7	195012.5	-5301.9	8457	11.3	200358.6	-5328.4	8547	9.2	202211.8	-5359.7	8637	10.0	203641.9	-5341.7
8368	10.3	195014.8	-5326.6	8458	9.5	200405.4	-5348.6	8548	10.0	202213.9	-5303.6	8638	10.0	203719.1	-5345.7
8369	7.9	195039.4	-5301.1	8459	9.6	200405.7	-5355.7	8549	11.5	202242.8	-5350.7	8639	10.0	203721.9	-5311.7
8370	11.0	195057.5	-5342.6	8460	11.0	200453.8	-5354.7	8550	9.9	202313.1	-5306.4	8640	10.0	203732.8	-5328.7
8371	10.8	195058.8	-5316.0	8461	11.0	200504.0	-5336.4	8551	10.0	202320.8	-5316.3	8641	9.4	203819.9	-5312.7
8372	9.5	195110.1	-5324.0	8462	9.9	200519.6	-5330.2	8552	9.0	202323.3	-5347.9	8642	10.0	203823.1	-5341.7
8373	10.3	195117.0	-5345.6	8463	11.0	200530.4	-5340.4	8553	10.0	202324.4	-5300.4	8643	10.0	203825.5	-5336.7
8374	9.5	195119.9	-5357.5	8464	9.4	200534.6	-5347.2	8554	9.4	202332.2	-5324.4	8644	10.0	203826.9	-5317.7
8375	11.0	195128.0	-5316.0	8465	10.8	200541.2	-5334.4	8555	11.0	202335.8	-5349.7	8645	10.8	203836.1	-5355.1
8376	9.3	195131.7	-5324.2	8466	9.9	200541.4	-5350.7	8556	9.9	202338.0	-5306.6	8646	8.3	203857.3	-5300.8
8377	9.7	195141.8	-5357.5	8467	9.8	200552.3	-5331.2	8557	9.9	202339.7	-5353.7	8647	10.0	203916.4	-5346.4
8378	9.6	195147.4	-5333.8	8468	11.0	200643.8	-5302.4	8558	9.3	202347.9	-5303.6	8648	9.9	203945.7	-5314.8
8379	11.3	195151.1	-5358.5	8469	10.8	200648.3	-5304.4	8559	9.3	202349.0	-5341.6	8649	10.8	203948.0	-5355.4
8380	8.5	195152.8	-5319.4	8470	11.0	200701.3	-5312.4	8560	10.0	202407.8	-5322.3	8650	10.3	204000.2	-5349.0
8381	9.0	195202.9	-5310.0	8471	10.8	200731.5	-5351.4	8561	7.9	202413.3	-5354.9	8651	7.9	204002.9	-5309.3
8382	10.5	195203.9	-5305.0	8472	10.5	200801.9	-5336.7	8562	10.0	202417.6	-5304.3	8652	9.9	204009.0	-5350.6
8383	8.6	195205.5	-5338.0	8473	9.5	200813.5	-5315.0	8563	9.8	202420.9	-5343.5	8653	10.3	204033.2	-5347.0
8384	9.6	195213.8	-5350.9	8474	10.3	200820.0	-5327.2	8564	11.5	202429.2	-5349.7	8654	10.0	204053.4	-5346.8
8385	10.3	195217.3	-5330.8	8475	8.4	200829.8	-5307.2	8565	10.0	202429.5	-5356.7	8655	9.6	204056.0	-5335.8
8386	10.8	195220.6	-5347.8	8476	10.5	200839.3	-5317.0	8566	7.9	202435.3	-5315.4	8656	10.0	204109.3	-5336.8
8387	10.8	195246.3	-5329.1	8477	11.0	200857.8	-5356.7	8567	10.0	202500.0	-5331.3	8657	10.0	204129.2	-5327.8
8388	8.4	195250.2	-5313.8	8478	11.0	200918.7	-5300.5	8568	11.5	202500.6	-5359.7	8658	9.8	204141.2	-5304.8
8389	11.0	195256.9	-5308.5	8479	9.7	200928.0	-5308.3	8569	8.6	202515.5	-5327.3	8659	10.0	204143.1	-5307.3
8390	11.0	195302.7	-5357.5	8480	9.3	200938.2	-5343.3	8570	10.0	202519.4	-5310.5	8660	10.8	204153.0	-5353.1
8391	11.0	195308.4	-5335.0	8481	10.5	200949.0	-5354.7	8571	10.0	202522.7	-5337.3	8661	8.2	204205.8	-5305.0
8392	10.8	195331.3	-5319.0	8482	9.0	200950.0	-5322.5	8572	10.0	202534.1	-5304.3	8662	9.3	204221.4	-5326.9
8393	10.8	195336.4	-5330.2	8483	11.3	201022.4	-5349.5	8573	10.0	202630.7	-5307.8	8663	9.8	204244.9	-5336.9
8394	10.5	195429.8	-5333.4	8484	10.5	201044.8	-5356.5	8574	11.5	202636.6	-5353.8	8664	9.5	204247.6	-5347.6
8395	11.3	195444.2	-5337.3	8485	10.3	201052.9	-5326.3	8575	9.6	202638.8	-5355.8	8665	9.8	204252.3	-5315.9
8396	9.7	195447.4	-5311.8	8486	9.7	201102.6	-5321.6	8576	10.0	202644.0	-5327.4	8666	10.0	204302.5	-5334.9
8397	9.6	195517.4	-5350.2	8487	9.0	201125.7	-5310.6	8577	9.9	202654.3	-5335.4	8667	10.0	204305.7	-5333.9
8398	8.6	195534.6	-5302.5	8488	10.5	201146.0	-5336.6	8578	8.6	202656.3	-5306.4	8668	9.9	204306.9	-5338.9
8399	9.6	195546.5	-5358.5	8489	9.5	201205.0	-5336.2	8579	10.0	202659.5	-5326.4	8669	9.8	204308.8	-5345.9
8400	8.3	195555.8	-5302.3	8490	10.5	201321.3	-5336.6	8580	9.8	202711.6	-5353.8	8670	9.5	204326.0	-5329.9
8401	10.5	195600.5	-5320.6	8491	11.5	201327.2	-5339.6	8581	8.6	202712.1	-5310.4	8671	7.3	204329.6	-5344.6
8402	9.8	195618.9	-5343.1	8492	10.0	201335.6	-5300.6	8582	10.0	202724.2	-5342.4	8672	11.0	204332.0	-5348.2
8403	9.7	195624.4	-5322.8	8493	10.8	201410.7	-5354.7	8583	10.0	202726.0	-5349.4	8673	9.4	204335.1	-5313.9
8404	11.0	195658.0	-5317.9	8494	11.0	201413.6	-5347.7	8584	10.0	202728.3	-5327.4	8674	10.0	204343.2	-5301.9
8405	11.0	195659.2	-5301.6	8495	11.5	201424.3	-5331.6	8585	9.8	202754.3	-5353.8	8675	9.1	204350.0	-5320.2
8406	10.3	195718.7	-5303.8	8496	9.8	201433.3	-5315.6	8586	9.2	202800.4	-5329.4	8676	9.8	204400.0	-5312.9
8407	10.5	195721.0	-5333.6	8497	8.7	201436.2	-5328.7	8587	10.0	202800.4	-5344.4	8677	9.8	204420.8	-5317.9
8408	11.3	195722.8	-5311.2	8498	8.7	201447.9	-5325.8	8588	10.0	202802.1	-5317.4	8678	8.7	204445.1	-5353.2
8409	10.5	195730.8	-5351.3	8499	10.3	201450.4	-5302.8	8589	8.4	202835.8	-5310.4	8679	11.3	204451.7	-5353.2
8410	4.8	195748.4	-5314.2	8500	9.1	201505.2	-5342.8	8590	8.3	202840.2	-5314.4	8680	9.3	204519.0	-5316.9
8411	9.0	195801.2	-5338.2	8501	11.3	201510.0	-5302.7	8591	9.7	202844.3	-5356.8	8681	10.0	204521.6	-5305.9
8412	8.4	195806.2	-5328.2	8502	11.3	201514.0	-5326.7	8592	11.0	202905.0	-5357.8	8682	10.0	204524.7	-5326.9
8413	8.7	195807.9	-5350.3	8503	9.7	201515.8	-5322.8	8593	10.0	202923.0	-5303.4	8683	11.0	204622.0	-5352.3
8414	10.3	195817.9	-5335.2	8504	10.5	201518.9	-5326.8	8594	10.0	202932.4	-5320.4	8684	9.5	204630.6	-5346.3
8415	7.3	195836.3	-5354.6	8505	11.5	201540.6	-5331.8	8595	10.0	203004.6	-5306.5	8685	10.0	204631.2	-5332.0
8416	10.3	195840.6	-5346.2	8506	10.5	201544.7	-5342.8	8596	11.0	203008.0	-5347.2	8686	10.0	204656.3	-5322.0
8417	8.5	195904.3	-5352.7	8507	8.5	201611.6	-5330.6	8597	11.0	203017.5	-5354.9	8687	9.6	204707.3	-5354.4
8418	11.3	195908.4	-5301.2	8508	9.6	201628.8	-5331.6	8598	10.0	203024.6	-5313.5	8688	10.0	204709.4	-5347.0
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8420	10.3	195922.9	-5349.8	8510	10.3	201656.7	-5301.2	8600	10.0	203120.3	-5338.6	8690	10.0	204721.7	-5323.0

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8780 10.0 210621.9 -5316.6	8870 8.1 212139.2 -5316.7	8960 10.8 214034.8 -5354.6	9050 10.3 215926.2 -5327.8

-53 9051 21h59m

-53 9410 23h32m

9051	10.5	215926.7	-5327.2	9141	10.0	222018.8	-5309.5	9231	11.3	224229.2	-5349.5
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9056	11.0	220111.2	-5316.0	9146	10.0	222102.5	-5350.0	9236	10.5	224349.3	-5307.1
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9058	10.5	220203.8	-5345.0	9148	10.0	222118.0	-5312.5	9238	10.5	224457.0	-5305.2
9059	10.5	220221.8	-5325.0	9149	9.7	222205.3	-5351.2	9239	11.0	224520.2	-5302.6
9060	9.4	220229.3	-5326.6	9150	10.3	222235.6	-5351.0	9240	9.4	224541.2	-5345.0
9061	10.5	220236.3	-5334.2	9151	10.3	222239.2	-5333.5	9241	11.0	224546.6	-5328.2
9062	10.0	220244.2	-5308.8	9152	10.0	222241.9	-5324.5	9242	11.0	224551.4	-5344.2
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9065	10.8	220309.4	-5314.0	9155	10.0	222410.7	-5330.6	9245	9.6	224616.1	-5329.2
9066	10.5	220323.6	-5321.4	9156	9.6	222424.9	-5324.6	9246	10.5	224621.5	-5352.9
9067	9.8	220418.7	-5349.6	9157	10.5	222446.1	-5338.6	9247	9.5	224639.0	-5338.2
9068	10.5	220419.0	-5318.1	9158	11.0	222450.0	-5345.6	9248	9.6	224700.2	-5316.2
9069	11.5	220459.2	-5358.3	9159	10.8	222516.4	-5354.7	9249	10.3	224704.2	-5355.9
9070	10.5	220502.3	-5315.8	9160	10.8	222527.0	-5348.8	9250	9.4	224704.8	-5313.2
9071	9.7	220528.6	-5303.5	9161	11.0	222542.1	-5345.6	9251	10.3	224751.6	-5313.2
9072	10.8	220530.5	-5355.5	9162	11.0	222611.2	-5325.6	9252	10.5	224755.0	-5308.2
9073	11.0	220537.8	-5330.1	9163	11.0	222628.0	-5338.6	9253	11.0	224807.5	-5322.2
9074	9.3	220554.2	-5332.6	9164	11.0	222628.0	-5340.6	9254	10.0	224827.8	-5309.3
9075	9.6	220607.2	-5354.6	9165	11.0	222642.1	-5339.6	9255	10.5	224831.1	-5308.3
9076	11.0	220612.9	-5301.1	9166	10.0	222659.0	-5327.0	9256	10.0	224832.4	-5346.1
9077	10.5	220632.0	-5315.8	9167	9.2	222737.4	-5340.7	9257	10.5	224909.6	-5341.3
9078	9.6	220632.0	-5339.3	9168	11.0	222749.7	-5337.7	9258	10.0	224914.1	-5302.3
9079	11.0	220639.0	-5351.4	9169	10.8	222805.3	-5313.7	9259	10.0	224921.8	-5316.3
9080	7.9	220712.3	-5319.2	9170	10.0	222807.2	-5315.7	9260	10.3	224930.9	-5318.3
9081	9.8	220729.5	-5333.2	9171	10.5	222807.2	-5340.7	9261	9.5	225053.4	-5347.1
9082	9.2	220732.8	-5340.6	9172	11.3	222810.6	-5351.5	9262	9.4	225109.6	-5327.3
9083	9.8	220800.5	-5342.0	9173	9.6	222836.4	-5309.1	9263	9.8	225110.5	-5348.2
9084	10.5	220803.5	-5311.5	9174	10.0	222839.9	-5323.7	9264	10.5	225131.4	-5356.9
9085	10.3	220805.2	-5357.4	9175	10.5	222841.5	-5300.7	9265	10.3	225215.0	-5350.6
9086	10.5	220812.8	-5311.6	9176	9.8	222842.9	-5313.7	9266	11.0	225234.5	-5315.4
9087	9.7	220817.8	-5316.2	9177	8.4	222850.4	-5346.6	9267	10.5	225245.2	-5313.9
9088	9.3	220830.0	-5315.2	9178	10.3	222859.2	-5357.0	9268	9.2	225251.5	-5329.4
9089	11.0	220904.2	-5311.2	9179	10.0	222911.0	-5303.7	9269	9.9	225301.0	-5352.9
9090	8.9	220931.4	-5302.2	9180	11.0	222911.0	-5317.7	9270	9.8	225309.3	-5319.4
9091	10.5	220959.0	-5300.2	9181	10.0	222935.8	-5303.7	9271	9.5	225310.0	-5307.0
9092	11.3	221001.2	-5353.5	9182	11.0	222940.7	-5356.5	9272	10.3	225310.0	-5358.9
9093	10.5	221011.8	-5350.3	9183	9.5	222959.4	-5331.7	9273	4.0	225329.9	-5325.4
9094	10.5	221023.2	-5305.3	9184	10.3	223002.8	-5313.7	9274	10.8	225342.9	-5345.6
9095	10.8	221037.7	-5347.3	9185	7.8	223016.6	-5324.7	9275	11.0	225419.0	-5335.0
9096	8.7	221048.3	-5341.5	9186	10.5	223041.9	-5320.7	9276	10.5	225431.2	-5331.0
9097	10.5	221051.8	-5326.3	9187	11.0	223041.9	-5303.8	9277	10.5	225433.8	-5349.6
9098	10.5	221103.3	-5328.2	9188	10.0	223048.4	-5335.3	9278	10.0	225504.6	-5336.4
9099	10.8	221117.3	-5329.3	9189	10.0	223056.4	-5312.8	9279	7.0	225520.9	-5338.5
9100	9.6	221122.2	-5321.5	9190	11.3	223114.4	-5346.2	9280	10.0	225533.5	-5300.5
9101	10.5	221146.2	-5338.3	9191	7.2	223124.6	-5320.8	9281	9.0	225544.1	-5319.5
9102	11.3	221154.9	-5321.3	9192	10.5	223143.3	-5318.0	9282	11.0	225600.2	-5339.5
9103	8.4	221201.9	-5336.0	9193	10.5	223144.7	-5325.8	9283	9.5	225608.6	-5336.5
9104	10.8	221213.7	-5349.3	9194	10.0	223151.3	-5333.8	9284	9.5	225648.2	-5334.5
9105	11.0	221227.9	-5312.3	9195	10.0	223224.4	-5338.8	9285	10.5	225706.3	-5346.2
9106	10.5	221229.3	-5330.3	9196	10.5	223243.3	-5315.8	9286	10.5	225736.1	-5310.5
9107	10.5	221258.6	-5341.3	9197	10.0	223244.3	-5347.8	9287	11.0	225736.8	-5309.5
9108	9.1	221307.6	-5316.3	9198	10.3	223254.8	-5355.8	9288	9.0	225805.2	-5332.5
9109	9.3	221350.0	-5349.3	9199	9.4	223301.5	-5352.8	9289	9.8	225814.9	-5355.0
9110	11.3	221437.5	-5310.4	9200	11.0	223303.0	-5327.8	9290	10.8	225819.6	-5354.0
9111	9.2	221439.2	-5324.3	9201	11.0	223310.6	-5321.8	9291	10.5	225823.0	-5322.5
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9113	9.8	221528.7	-5323.2	9203	9.7	223357.4	-5345.8	9293	10.5	225839.8	-5350.0
9114	9.2	221532.6	-5314.6	9204	10.0	223402.6	-5349.9	9294	10.0	225846.3	-5317.6
9115	9.6	221536.2	-5338.7	9205	9.5	223435.7	-5341.9	9295	9.2	225908.4	-5351.0
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9117	10.8	221554.7	-5302.4	9207	9.5	223549.7	-5341.9	9297	7.8	225938.3	-5328.0
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9120	10.3	221633.4	-5300.4	9210	10.0	223720.6	-5318.9	9300	7.5	230001.7	-5316.6
9121	10.3	221645.6	-5358.4	9211	9.8	223724.1	-5332.9	9301	10.5	230036.2	-5330.8
9122	11.0	221654.6	-5359.4	9212	11.0	223736.9	-5302.9	9302	11.0	230104.3	-5303.8
9123	10.5	221710.2	-5309.4	9213	10.8	223745.8	-5348.8	9303	11.0	230122.3	-5301.8
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9125	10.8	221742.6	-5343.6	9215	11.0	223839.9	-5331.6	9305	11.0	230243.4	-5312.8
9126	9.8	221752.6	-5312.2	9216	8.3	223852.5	-5337.0	9306	11.0	230246.6	-5303.8
9127	11.0	221754.1	-5308.4	9217	10.5	223912.5	-5319.0	9307	10.0	230323.8	-5318.8
9128	9.6	221807.7	-5336.4	9218	9.8	223926.2	-5342.4	9308	10.5	230416.5	-5321.8
9129	10.5	221822.6	-5330.4	9219	10.0	223930.2	-5321.6	9309	11.0	230428.8	-5324.8
9130	9.2	221831.2	-5309.4	9220	9.8	223930.4	-5349.9	9310	10.5	230443.7	-5355.0
9131	9.1	221841.6	-5318.6	9221	11.0	223938.1	-5308.0	9311	10.8	230456.6	-5305.8
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9139	10.5	221952.2	-5321.4	9229	11.0	224202.8	-5301.1	9319	9.7	230616.3	-5311.8
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9333	11.0	231031.5	-5319.8								
9334	8.6	231034.8	-5331.8								
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9371	9.5	232021.5	-5321.8								
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9400	9.1	232854.4	-5354.5								
9401	10.3	232915.5	-5337.8								
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9403	9.4	232943.6	-5305.8								
9404	9.7	233000.7	-5343.8								
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9409	9.3	233132.0	-5337.8								
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9411	9.1	233242.3	-5323.8	7	11.5	00042.7	-5443.6	97	10.5	02045.2	-5444.6	187	11.0	04512.8	-5453.3
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9415	10.5	233519.4	-5353.2	11	11.3	00111.2	-5436.6	101	10.0	02113.5	-5433.9	191	10.0	04714.4	-5406.3
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9423	10.0	233828.7	-5307.8	19	10.8	00235.5	-5405.6	109	9.4	02300.8	-5459.0	199	10.0	05020.4	-5406.3
9424	10.0	233840.8	-5341.8	20	6.4	00243.1	-5441.8	110	10.0	02304.8	-5446.8	200	11.5	05023.4	-5441.0
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9431	10.0	234059.6	-5337.8	27	9.6	00340.6	-5439.3	117	10.8	02459.8	-5452.0	207	11.0	05201.6	-5456.0
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9437	11.5	234258.4	-5353.3	33	11.5	00522.4	-5451.4	123	9.5	02556.8	-5428.0	213	10.8	05254.5	-5459.3
9438	9.8	234326.1	-5306.8	34	9.6	00529.5	-5417.7	124	10.0	02604.5	-5425.6	214	9.3	05307.0	-5423.3
9439	10.8	234326.3	-5343.8	35	8.1	00535.3	-5454.0	125	9.7	02605.8	-5426.0	215	10.0	05311.6	-5425.3
9440	10.3	234352.4	-5328.8	36	10.3	00549.0	-5441.8	126	11.0	02619.0	-5432.0	216	10.0	05327.9	-5439.2
9441	9.4	234400.4	-5324.8	37	11.5	00552.2	-5445.7	127	10.8	02623.3	-5437.0	217	11.3	05347.0	-5446.0
9442	9.7	234419.2	-5326.8	38	11.5	00622.0	-5429.7	128	10.8	02647.3	-5453.0	218	9.7	05347.5	-5423.3
9443	9.8	234428.0	-5357.3	39	11.5	00628.1	-5440.7	129	10.0	02705.4	-5456.0	219	11.3	05347.6	-5459.0
9444	10.0	234446.5	-5327.8	40	11.0	00637.0	-5418.7	130	9.2	02715.9	-5451.0	220	11.8	05347.6	-5448.0
9445	7.5	234537.8	-5301.8	41	11.0	00713.1	-5427.7	131	10.0	02720.1	-5459.0	221	10.0	05400.6	-5427.3
9446	11.5	234551.2	-5350.3	42	11.0	00720.9	-5411.7	132	9.8	02720.9	-5424.0	222	9.0	05411.9	-5449.0
9447	10.5	234552.7	-5331.8	43	11.5	00751.4	-5457.0	133	10.5	02725.4	-5420.0	223	10.5	05451.5	-5455.0
9448	10.8	234619.4	-5329.8	44	11.8	00821.9	-5447.0	134	11.0	02728.7	-5441.0	224	10.3	05530.7	-5457.0
9449	9.4	234649.5	-5323.8	45	9.8	00829.2	-5458.0	135	11.0	02743.6	-5455.0	225	10.0	05542.6	-5433.3
9450	10.8	234735.4	-5313.8	46	11.3	00830.5	-5427.7	136	11.3	02834.8	-5415.1	226	10.0	05554.6	-5431.3
9451	9.5	234742.8	-5344.1	47	9.5	00854.0	-5408.7	137	9.3	02835.4	-5443.1	227	8.3	05559.9	-5415.3
9452	10.8	234825.0	-5312.8	48	11.0	00903.8	-5423.7	138	10.0	02844.5	-5432.1	228	9.9	05705.7	-5440.2
9453	10.5	234830.0	-5326.8	49	11.0	00931.7	-5412.7	139	11.5	02846.2	-5455.0	229	9.7	05714.6	-5421.3
9454	10.3	234840.2	-5333.8	50	11.3	01013.3	-5410.7	140	11.8	02912.6	-5446.0	230	9.7	05720.0	-5452.0
9455	10.8	234841.6	-5304.8	51	10.0	01029.0	-5414.8	141	8.0	02920.4	-5414.3	231	9.7	05722.1	-5425.3
9456	9.9	234926.1	-5301.8	52	10.8	01036.7	-5430.8	142	9.8	02924.4	-5418.3	232	8.9	05801.3	-5450.0
9457	7.5	234936.5	-5328.8	53	10.8	01045.2	-5430.8	143	10.5	02940.1	-5432.3	233	10.0	05847.9	-5421.3
9458	10.8	234946.9	-5340.8	54	11.0	01110.9	-5400.8	144	9.0	02950.8	-5443.7	234	9.7	05927.4	-5420.3
9459	9.2	234957.8	-5315.8	55	11.3	01130.1	-5432.8	145	10.5	03020.6	-5429.3	235	10.0	05928.9	-5419.7
9460	11.5	235038.2	-5356.4	56	10.8	01134.7	-5405.8	146	9.6	03125.5	-5448.0	236	11.0	05955.1	-5459.2
9461	10.8	235052.2	-5347.6	57	9.7	01140.6	-5421.8	147	7.7	03143.9	-5424.3	237	10.0	10001.5	-5401.3
9462	9.9	235121.2	-5345.8	58	11.0	01217.9	-5406.8	148	10.8	03149.1	-5432.3	238	10.0	10005.3	-5413.3
9463	10.5	235140.8	-5307.8	59	9.8	01246.5	-5425.3	149	10.3	03200.6	-5453.0	239	10.5	10055.1	-5443.2
9464	10.8	235152.4	-5305.8	60	10.8	01251.5	-5406.8	150	9.7	03243.7	-5401.3	240	9.3	10134.2	-5401.2
9465	5.1	235226.8	-5326.8	61	7.9	01314.5	-5432.8	151	9.1	03248.6	-5432.3	241	10.5	10200.3	-5442.3
9466	9.1	235237.9	-5311.8	62	8.3	01321.4	-5442.4	152	8.4	03250.1	-5418.3	242	10.0	10207.0	-5444.1
9467	8.0	235305.1	-5332.8	63	11.3	01336.5	-5420.8	153	10.0	03252.2	-5437.3	243	11.0	10209.2	-5439.2
9468	7.1	235406.8	-5347.7	64	9.8	01345.7	-5416.8	154	10.0	03254.2	-5442.2	244	8.9	10234.1	-5431.2
9469	8.7	235408.2	-5319.9	65	11.5	01346.2	-5439.8	155	9.5	03422.7	-5403.6	245	10.8	10242.3	-5414.2
9470	11.0	235408.8	-5356.5	66	10.3	01354.6	-5459.0	156	10.8	03445.4	-5445.3	246	11.0	10246.1	-5430.2
9471	11.0	235431.2	-5305.9	67	9.6	01411.8	-5425.8	157	10.5	03603.4	-5439.2	247	10.3	10308.4	-5444.1
9472	8.8	235440.8	-5310.9	68	11.5	01436.8	-5429.8	158	10.3	03627.7	-5430.3	248	10.3	10309.9	-5454.0
9473	9.0	235447.3	-5329.9	69	11.5	01506.6	-5421.8	159	8.4	03648.8	-5448.0	249	10.5	10311.3	-5414.2
9474	11.3	235453.0	-5349.2	70	11.5	01510.6	-5416.8	160	8.2	03651.4	-5448.0	250	8.2	10316.5	-5401.2
9475	11.0	235456.2	-5308.9	71	8.7	01529.5	-5457.0	161	9.4	03719.5	-5420.3	251	9.0	10330.0	-5436.2
9476	10.8	235530.8	-5331.9	72	11.5	01538.1	-5445.0	162	8.4	03734.2	-5438.8	252	11.0	10340.3	-5407.2
9477	9.6	235538.8	-5333.9	73	10.3	01540.3	-5405.8	163	11.3	03804.1	-5457.0	253	11.0	10341.1	-5426.2
9478	11.5	235544.0	-5324.9	74	9.5	01551.1	-5402.8	164	9.8	03839.4	-5411.3	254	11.5	10408.9	-5444.0
9479	10.5	235604.7	-5355.5	75	11.5	01553.8	-5411.8	165	9.0	03845.4	-5452.0	255	11.3	10452.6	-5447.0
9480	10.3	235608.3	-5352.5	76	9.8	01559.6	-5425.8	166	6.7	03914.5	-5424.3	256	11.0	10452.9	-5442.6
9481	11.3	235709.9	-5322.0	77	9.5	01650.0	-5440.4	167	11.5	03956.1	-5450.0	257	10.5	10500.3	-5405.2
9482	10.8	235723.2	-5302.0	78	9.5	01712.8	-5452.0	168	10.5	04007.9	-5411.7	258	10.8	10516.4	-5457.0
9483	10.8	235730.0	-5300.0	79	7.9	01723.7	-5431.9	169	10.8	04032.5	-5425.3	259	10.8	10549.4	-5452.0
9484	11.3	235739.8	-5331.0	80	10.0	01728.1	-5442.9	170	10.3	04043.4	-5411.3	260	8.8	10550.4	-5422.6
9485	11.3	235744.8	-5334.0	81	7.7	01729.7	-5444.9	171	9.8	04049.4	-5412.3	261	9.6	10606.9	-5429.2
9486	11.5	235802.7	-5309.0	82	9.8	01750.2	-5439.4	172	7.8	04058.2	-5447.0	262	11.3	10634.1	-5458.0
9487	10.3	235806.6	-5316.0	83	10.5	01816.8	-5410.9	173	10.5	04129.7	-5430.8	263	8.2	10654.9	-5446.1
9488	11.3	235811.7	-5304.0	84	10.8	01829.4	-5415.9	174	10.5	04159.5	-5415.3	264	9.2	10714.3	-5442.1
9489	11.3	235822.8	-5346.3	85	10.8	01835.5	-5440.9	175	10.3	04225.9	-5413.3	265	11.0	10815.9	-5439.2
9490	9.6	235834.8	-5329.6	86	9.8	01837.5	-5400.9	176	10.3	04229.0	-5453.0	266	9.6	10827.6	-5439.6
9491	10.5	235842.7	-5347.8	87	7.4	01837.6	-5440.8	177	8.3	04253.1	-5401.3	267	9.0	10848.7	-5422.2
9492	11.5	235914.7	-5309.4	88	9.6	01848.8	-5404.9	178	11.3	04323.5	-5451.0	268	11.0	10852.3	-5429.2
9493	10.5	235925.8	-5300.0	89	10.3	01849.5	-5433.9	179	7.8	04335.2	-5427.3	269	11.0	10920.4	-5437.2
9494	8.3	235927.8	-5331.0	90	11.0	01908.6	-5418.9	180	9.4	04343.5	-5421.3	270	10.0	10925.8	-5440.1
1	11.3	00002.8	-5441.8	91	9.7	01932.9	-5443.6	181	10.8	04357.4	-5409.5	271	10.0	10930.0	-5403.2
2	11.3	00003.8	-5428.6	92	11.5	01935.7	-5429.9	182	8.2	04358.0	-5451.0	272	9.1	10959.4	-5445.9
3	11.5	00009.6	-5458.9	93	9.8	01939.0	-5452.0	183	10.5	04416.7	-5426.3	273	11.5	11020.9	-5435.8
4	11.0	00030.9	-5433.6	94	11.5	01954.3	-5415.9	184	10.0	04453.9	-5412.3	274	11.3	11029.6	-5416.2
5	11.3	00032.7	-5445.6	95	10.8	02007.2	-5457.0	185	11.5	04507.4	-5459.0	275	8.3	11031.3	-5422.2
6	10.8	00038.7	-5407.6	96	11.0	02014.5	-5409.9	186	11.5	04510.1	-5455.3	276	10.5	11056.6	-5424.2

-54 277 1h11m

277	9.8	11113.2	-5449.0	367	10.5	13957.4	-5418.0	457	9.7	20345.1	-5411.3
278	11.0	11130.1	-5414.2	368	8.6	14025.8	-5437.8	458	8.3	20356.6	-5405.3
279	9.7	11150.0	-5440.1	369	9.8	14027.3	-5413.0	459	10.3	20411.1	-5404.3
280	11.0	11239.0	-5446.0	370	10.8	14028.4	-5455.7	460	9.8	20427.3	-5425.3
281	9.7	11247.1	-5423.2	371	10.3	14049.7	-5435.5	461	9.4	20439.6	-5444.3
282	9.5	11248.9	-5453.5	372	11.0	14103.9	-5419.5	462	8.7	20504.9	-5403.3
283	10.5	11314.3	-5426.2	373	10.5	14119.3	-5444.7	463	10.0	20510.7	-5425.3
284	11.5	11329.8	-5459.0	374	5.1	14120.3	-5409.5	464	9.9	20519.4	-5441.8
285	10.0	11340.7	-5450.0	375	9.3	14242.9	-5430.5	465	11.0	20519.8	-5425.3
286	8.4	11356.7	-5430.8	376	11.3	14244.8	-5442.5	466	11.0	20522.2	-5430.3
287	7.4	11410.7	-5418.2	377	10.5	14249.0	-5444.7	467	11.0	20604.8	-5419.3
288	9.9	11413.6	-5425.8	378	10.8	14258.1	-5455.7	468	9.2	20711.8	-5435.3
289	11.5	11417.1	-5444.0	379	10.8	14355.1	-5414.5	469	7.6	20728.4	-5438.3
290	10.3	11449.9	-5400.1	380	9.8	14412.6	-5408.5	470	9.9	20815.6	-5425.3
291	11.3	11457.8	-5454.0	381	9.8	14453.6	-5458.7	471	8.3	20824.4	-5420.3
292	10.8	11458.8	-5431.1	382	11.5	14514.2	-5410.5	472	9.0	20835.8	-5450.1
293	11.5	11521.7	-5445.0	383	10.0	14521.7	-5400.5	473	10.0	20857.2	-5454.1
294	11.8	11523.5	-5449.0	384	10.0	14529.9	-5420.5	474	10.0	20945.1	-5452.1
295	10.3	11536.5	-5405.1	385	11.0	14552.6	-5449.7	475	10.5	20947.0	-5435.3
296	10.3	11658.5	-5454.0	386	9.0	14555.8	-5437.6	476	9.2	20950.4	-5442.3
297	10.0	11722.1	-5435.1	387	10.0	14616.2	-5447.7	477	9.6	20954.5	-5447.1
298	8.6	11802.6	-5450.0	388	7.6	14622.1	-5453.7	478	11.0	20957.0	-5413.3
299	10.8	11806.0	-5456.0	389	9.7	14627.3	-5426.5	479	10.0	21008.0	-5416.3
300	9.8	11809.9	-5439.1	390	11.0	14643.5	-5438.7	480	10.0	21023.6	-5451.1
301	8.1	11828.2	-5437.1	391	10.3	14647.9	-5414.5	481	10.0	21051.6	-5455.1
302	10.8	11841.5	-5432.1	392	10.3	14658.1	-5453.6	482	9.5	21111.7	-5400.3
303	10.8	11900.1	-5430.1	393	10.5	14659.8	-5425.5	483	10.3	21157.5	-5436.3
304	9.0	11902.0	-5446.1	394	9.6	14711.1	-5412.5	484	10.5	21242.3	-5400.3
305	9.3	11938.8	-5437.1	395	9.6	14715.1	-5407.5	485	8.3	21247.5	-5424.3
306	8.9	12025.0	-5412.1	396	9.3	14722.4	-5446.6	486	10.5	21248.4	-5445.2
307	10.8	12121.0	-5430.1	397	8.4	14808.4	-5437.5	487	10.8	21312.1	-5435.3
308	10.8	12123.7	-5410.1	398	10.8	14810.5	-5433.5	488	10.3	21408.4	-5433.3
309	10.8	12202.8	-5433.1	399	10.8	14902.4	-5448.6	489	7.8	21444.7	-5431.0
310	10.8	12204.4	-5425.1	400	10.3	14914.6	-5454.6	490	11.0	21449.9	-5436.3
311	10.5	12217.1	-5421.1	401	9.2	14926.8	-5426.4	491	10.0	21451.5	-5441.1
312	10.3	12224.6	-5415.1	402	11.0	14950.7	-5420.4	492	9.8	21511.7	-5404.8
313	9.8	12226.1	-5418.1	403	10.5	14951.0	-5442.4	493	11.0	21556.7	-5425.3
314	11.5	12235.7	-5433.1	404	11.0	15053.4	-5450.5	494	11.0	21558.4	-5418.3
315	10.3	12329.1	-5424.1	405	10.8	15058.8	-5455.5	495	9.6	21611.9	-5405.2
316	9.1	12339.3	-5401.1	406	11.0	15149.3	-5436.4	496	10.8	21638.4	-5432.2
317	10.5	12340.1	-5422.1	407	8.6	15156.7	-5451.6	497	9.5	21646.3	-5426.4
318	9.9	12340.8	-5434.1	408	11.0	15159.0	-5413.4	498	9.8	21650.9	-5409.0
319	11.0	12342.5	-5435.1	409	9.5	15220.3	-5445.8	499	10.0	21717.9	-5450.1
320	10.3	12351.0	-5410.1	410	9.5	15222.6	-5417.4	500	11.0	21718.9	-5401.2
321	10.8	12424.4	-5438.1	411	10.5	15224.6	-5411.4	501	10.0	21728.3	-5408.0
322	8.4	12454.8	-5447.9	412	10.0	15241.4	-5457.8	502	10.5	21734.5	-5440.4
323	9.6	12513.3	-5431.1	413	10.5	15242.4	-5448.8	503	9.8	21743.9	-5444.2
324	11.0	12547.4	-5436.1	414	11.0	15336.2	-5405.4	504	9.8	21816.1	-5420.4
325	7.5	12635.9	-5401.1	415	9.1	15405.6	-5408.4	505	9.9	21838.8	-5443.0
326	11.0	12740.1	-5420.1	416	11.0	15412.4	-5429.4	506	8.2	21848.9	-5406.4
327	10.3	12830.3	-5426.1	417	9.6	15429.7	-5437.0	507	8.9	21944.1	-5411.4
328	11.0	12838.1	-5401.0	418	9.7	15435.1	-5458.7	508	7.9	21955.6	-5456.1
329	10.8	12842.8	-5430.0	419	9.1	15439.8	-5426.4	509	8.4	22006.0	-5437.4
330	11.0	12854.0	-5439.0	420	10.5	15445.1	-5405.4	510	8.5	22051.4	-5448.1
331	9.5	12857.6	-5421.0	421	10.5	15500.0	-5400.4	511	10.0	22055.0	-5433.7
332	10.3	12953.3	-5426.0	422	9.8	15503.0	-5457.7	512	10.0	22122.3	-5431.7
333	9.4	12954.1	-5437.0	423	9.0	15514.4	-5420.4	513	10.0	22159.2	-5408.6
334	10.5	13010.9	-5446.8	424	10.8	15516.9	-5445.7	514	10.0	22207.7	-5408.6
335	11.0	13021.7	-5417.0	425	10.3	15600.0	-5436.4	515	10.0	22300.2	-5438.8
336	10.5	13021.8	-5426.0	426	11.0	15600.6	-5430.4	516	10.0	22333.8	-5438.0
337	10.3	13026.1	-5414.0	427	10.8	15606.3	-5439.4	517	10.0	22433.8	-5414.6
338	10.8	13054.6	-5423.0	428	10.3	15622.3	-5431.4	518	10.0	22449.1	-5426.6
339	10.0	13216.4	-5438.4	429	9.7	15639.6	-5442.6	519	10.0	22455.3	-5423.6
340	10.8	13232.2	-5438.9	430	8.2	15639.9	-5436.8	520	10.0	22457.0	-5418.6
341	10.8	13302.0	-5421.0	431	10.8	15701.1	-5440.4	521	10.0	22502.4	-5431.6
342	11.0	13309.8	-5432.0	432	11.0	15701.1	-5420.4	522	10.0	22554.5	-5434.5
343	11.0	13327.6	-5439.0	433	10.8	15705.3	-5451.7	523	10.0	22631.2	-5406.5
344	10.3	13330.3	-5455.8	434	11.0	15725.5	-5401.4	524	9.5	22712.1	-5448.0
345	11.0	13333.5	-5411.0	435	11.0	15735.8	-5435.4	525	9.9	22753.7	-5452.0
346	7.5	13357.2	-5404.0	436	10.5	15833.3	-5458.6	526	10.0	22804.4	-5401.5
347	11.5	13405.0	-5450.8	437	11.0	15833.7	-5437.4	527	10.0	22838.1	-5400.5
348	9.6	13405.0	-5442.4	438	10.3	15836.8	-5453.6	528	10.0	22857.3	-5423.5
349	10.0	13420.3	-5458.8	439	11.0	15853.6	-5410.4	529	10.0	22900.6	-5418.5
350	9.0	13447.5	-5413.0	440	9.4	15859.9	-5417.4	530	10.0	22934.2	-5459.0
351	11.0	13547.7	-5439.0	441	9.7	15909.8	-5447.6	531	10.0	22949.5	-5414.5
352	10.5	13557.2	-5435.0	442	9.5	15924.7	-5437.4	532	10.0	23018.5	-5413.5
353	11.0	13638.4	-5404.0	443	8.4	15952.7	-5457.2	533	10.0	23109.5	-5426.4
354	10.3	13700.3	-5429.0	444	10.0	15958.5	-5459.2	534	10.0	23154.0	-5431.4
355	11.0	13712.9	-5435.0	445	8.5	20003.6	-5415.4	535	10.0	23219.0	-5433.4
356	5.5	13740.2	-5422.0	446	10.0	20024.9	-5430.4	536	9.9	23230.3	-5413.4
357	9.7	13742.6	-5431.0	447	10.5	20035.6	-5432.4	537	10.0	23232.3	-5412.4
358	10.8	13745.8	-5446.7	448	10.3	20052.5	-5435.4	538	10.0	23246.5	-5456.9
359	11.0	13807.1	-5429.0	449	9.4	20105.4	-5451.2	539	10.0	23254.7	-5451.9
360	9.5	13816.1	-5451.7	450	9.0	20109.6	-5443.3	540	10.0	23346.5	-5420.4
361	10.5	13835.3	-5412.0	451	10.8	20112.2	-5408.4	541	10.0	23450.3	-5458.9
362	10.5	13854.8	-5413.0	452	10.5	20143.0	-5428.4	542	10.0	23514.7	-5412.3
363	11.0	13908.8	-5412.0	453	10.5	20205.1	-5430.4	543	9.1	23544.0	-5457.0
364	9.3	13912.1	-5426.0	454	9.3	20240.6	-5406.4	544	10.0	23618.7	-5423.3
365	11.0	13930.1	-5432.0	455	8.7	20302.9	-5426.3	545	9.8	23645.4	-5436.3
366	10.0	13956.1	-5446.7	456	10.5	20329.8	-5430.3	546	10.0	23720.0	-5417.3

-54 636 3h10m

547	10.0	23743.7	-5426.3	637	10.0	30624.3	-5415.9				
548	9.9	23902.3	-5427.3	638	10.0	30632.7	-5427.9				
549	9.3	23919.1	-5438.5	639	10.0	30639.7	-5453.6				
550	10.0	23925.6	-5433.3	640	10.0	30730.2	-5451.6				
551	10.0	23927.6	-5458.8	641	10.0	30733.8	-5421.9				
552	10.0	23929.9	-5421.3	642	10.0	30859.7	-5432.9				
553	9.9	23956.3	-5424.2	643	9.9	30919.8	-5415.8				
554	10.0	24001.2	-5418.2	644	10.0	30921.5	-5411.8				
555	9.3	24023.3	-5449.8	645	10.0	31007.3	-5450.5				
556	9.7	24109.8	-5431.2	646	10.0	31033.2	-5443.0				
557	10.0	24117.0	-5455.8								
558	9.1	24259.9	-5402.1								
559	10.0	24320.8	-5438.4								
560	10.0	24335.1	-5433.1								
561	9.8	24349.2	-5429.1								
562	9.6	24436.7	-5454.8								
563	10.0	24501.8	-5442.8								
564	10.0	24529.9	-5436.1								
565	10.0	24533.6	-5449.8								
566	10.0	24614.8	-5415.1								
567	10.0	24635.1	-5418.1								
568	9.6	24640.6	-5411.1								
569	10.0	24650.0	-5452.7								
570	10.0	24705.9	-5428.1								
571	10.0	24714.1	-5434.1								
572	10.0	24716.9	-5428.1								
573	9.8	24719.5	-5451.7								
574	9.9	24725.4	-5446.7								
575	8.2	24728.3	-5457.7								
576	10.0	24759.2	-5447.7								
577	9.7	24814.7	-5439.8								
578	10.0	24817.4	-5418.0								
579	10.0	24825.6	-5415.0								
580	10.0	24932.1	-5410.0								
581	9.7	24956.9	-5430.0								
582	8.9	24959.5	-5415.0								
583	9.7	25044.9	-5402.9								
584	10.0	25120.1	-5410.9								
585	10.0	25148.4	-5447.7								
586	9.5	25248.7	-5422.9								
587	10.0	25301.9	-5446.7								
588	10.0	25402.5	-5413.3								
589	9.5	25444.8	-5458.7								
590	7.8	25513.2	-5411.3								
591	10.0	25541.5	-5427.3								
592	9.2	25545.3	-5445.4								
593	7.4	25552.2	-5424.2								
594	10.0	25617.5	-5412.2								
595	11.0	25620.7	-5455.7								
596	10.0	25621.6	-5429.2								
597	10.0	25631.6	-5433.2								
598	9.5	25708.2	-5446.0								
599	10.0	25730.1	-5457.7								
600	10.0	25749.7	-5431.2								
601	10.0	25825.0	-5405.2								
602	9.6	25854.0	-5448.6								
603	10.0	25855.6	-5408.2								
604	10.0	25914.5	-5405.2								
605	10.0	25915.7	-5425.2								
606	9.5	25930.1	-5401.1								
607	10.0	25933.1	-5439.6								
608	10.0	25950.5	-5408.1								
609	10.0	30005.5	-5438.1								
610	10.0	30031.5	-5440.1								
611	9.9	30059.1	-5403.1								
612	10.0	30104.1	-5441.7								
613	9.9	30110.3	-5419.1								
614	10.0	30123.5	-5405.8								
615	10.0	30125.0	-5412.4								
616	10.0	30131.1	-5442.7								
617	10.0	30212.4	-5407.1								
618	10.0	30222.4	-5456.6								
619	10.0	30306.4	-5406.0								
620	10.0	30319.6	-5440.3								
621	10.0	30325.5	-5459.6								
622	9.9	30339.7	-5451.6								
623	10.0	30359.3	-5445.7								
624	10.0	30409.5	-5424.0								
625	8.7	30506.2	-5423.2								
626	10.0	30616.9	-5427.9								

637	10.0	31039.6	-5444.6	727	10.5	34200.3	-5453.3	817	9.0	41313.4	-5419.4
638	9.4	31049.7	-5425.8	728	9.5	34200.6	-5406.9	818	11.0	41340.2	-5443.8
639	9.4	31058.2	-5457.2	729	10.0	34342.3	-5433.8	819	10.5	41345.4	-5417.3
640	10.0	31108.1	-5425.3	730	9.9	34401.6	-5405.8	820	10.8	41357.2	-5439.4
641	10.0	31135.0	-5433.8	731	10.0	34435.8	-5428.8	821	10.5	41358.7	-5405.3
642	10.0	31150.3	-5402.6	732	9.7	34441.9	-5416.8	822	9.9	41409.7	-5403.3
643	10.0	31235.2	-5439.4	733	10.5	34448.3	-5456.2	823	10.3	41410.3	-5435.3
644	10.0	31247.6	-5443.2	734	8.1	34450.8	-5407.8	824	11.0	41413.9	-5445.8
645	10.0	31257.9	-5404.7	735	7.0	34516.5	-5443.4	825	10.8	41416.1	-5451.8
646	10.0	31308.8	-5412.7	736	10.0	34610.4	-5408.8	826	10.5	41507.2	-5406.3
647	10.0	31317.5	-5424.7	737	9.7	34636.2	-5439.4	827	11.0	41518.2	-5452.7
648	9.6	31321.2	-5432.7	738	9.9	34656.8	-5425.7	828	9.3	41525.3	-5422.3
649	10.0	31322.0	-5421.7	739	10.0	34708.8	-5422.7	829	10.0	41526.3	-5442.6
650	11.0	31415.2	-5454.3	740	10.0	34724.2	-5414.7	830	10.3	41544.1	-5457.7
651	10.0	31425.7	-5429.7	741	10.0	34743.2	-5437.7	831	7.5	41553.5	-5426.3
652	10.8	31430.3	-5448.3	742	10.0	34823.7	-5404.7	832	11.0	41650.5	-5402.2
653	9.7	31448.8	-5419.7	743	10.0	34849.0	-5419.7	833	10.3	41654.3	-5440.0
654	11.0	31543.2	-5457.3	744	10.0	34910.3	-5403.7	834	9.7	41710.6	-5456.4
655	10.0	31544.6	-5438.5	745	9.6	34920.8	-5450.5	835	8.5	41719.6	-5459.5
656	10.0	31606.1	-5407.7	746	8.2	34954.2	-5428.4	836	9.8	41725.7	-5443.0
657	10.0	31610.8	-5422.7	747	10.3	35020.4	-5423.2	837	9.8	41727.5	-5438.2
658	10.0	31700.5	-5403.6	748	10.3	35024.8	-5453.2	838	10.3	41729.1	-5420.2
659	10.0	31703.8	-5410.6	749	10.3	35032.4	-5424.2	839	9.9	41754.7	-5437.2
660	11.0	31718.3	-5450.2	750	9.1	35122.4	-5454.2	840	10.3	41806.4	-5444.4
661	9.1	31742.3	-5450.2	751	10.5	35137.3	-5408.2	841	10.3	41810.9	-5431.1
662	8.5	31813.8	-5428.4	752	8.6	35149.1	-5448.2	842	9.2	41821.4	-5443.1
663	9.9	31814.4	-5412.4	753	10.8	35203.0	-5407.2	843	10.5	41824.3	-5416.1
664	10.0	31910.5	-5433.6	754	10.3	35257.3	-5426.1	844	9.7	41833.4	-5422.1
665	10.0	31917.0	-5428.6	755	10.3	35303.8	-5455.5	845	10.0	41836.8	-5424.1
666	9.1	31925.1	-5454.2	756	10.3	35340.8	-5400.1	846	9.8	41904.2	-5455.2
667	9.2	31938.8	-5427.5	757	10.0	35402.3	-5405.1	847	10.8	41958.8	-5411.0
668	9.9	31943.6	-5425.6	758	7.9	35431.8	-5443.1	848	11.0	41959.3	-5447.1
669	8.9	31959.6	-5436.5	759	10.3	35443.4	-5445.4	849	9.3	42045.1	-5408.7
670	10.0	32009.6	-5433.5	760	10.5	35508.2	-5427.1	850	10.3	42106.4	-5420.0
671	9.9	32030.1	-5454.1	761	10.5	35514.2	-5406.1	851	10.8	42123.9	-5425.0
672	10.0	32107.9	-5435.5	762	10.0	35607.0	-5436.1	852	9.9	42130.9	-5415.2
673	9.9	32109.6	-5430.5	763	10.5	35613.8	-5416.1	853	9.9	42144.5	-5454.1
674	9.9	32126.1	-5426.3	764	10.5	35628.7	-5430.1	854	10.0	42207.0	-5454.1
675	9.4	32141.9	-5412.3	765	10.5	35630.7	-5439.1	855	11.0	42222.8	-5401.0
676	10.0	32155.5	-5434.2	766	7.6	35650.8	-5431.1	856	9.9	42229.4	-5445.8
677	9.4	32414.8	-5415.2	767	11.0	35708.2	-5409.1	857	10.8	42242.2	-5412.0
678	10.0	32449.6	-5431.4	768	10.8	35727.4	-5410.0	858	10.5	42250.2	-5400.0
679	11.0	32521.8	-5451.0	769	9.9	35750.3	-5457.1	859	9.9	42252.1	-5416.2
680	11.0	32601.2	-5451.0	770	8.4	35750.7	-5440.0	860	10.5	42255.8	-5438.9
681	10.0	32701.2	-5408.3	771	7.4	35758.9	-5444.3	861	8.7	42332.3	-5431.9
682	10.0	32752.2	-5423.3	772	7.6	35803.2	-5445.4	862	10.3	42357.7	-5415.9
683	10.0	32818.3	-5427.3	773	9.6	35808.8	-5427.0	863	9.7	42401.1	-5417.9
684	10.0	32830.1	-5421.3	774	10.0	35819.6	-5403.0	864	11.0	42414.3	-5430.9
685	9.6	32840.6	-5401.3	775	10.8	35918.2	-5426.0	865	10.0	42417.9	-5446.0
686	10.0	33012.5	-5445.9	776	9.9	35930.8	-5417.0	866	9.9	42422.9	-5436.9
687	10.0	33018.8	-5443.9	777	10.3	40004.5	-5403.0	867	11.0	42455.6	-5409.9
688	9.4	33023.1	-5444.8	778	9.4	40129.6	-5435.0	868	8.5	42529.8	-5418.8
689	10.0	33044.8	-5446.9	779	11.0	40158.2	-5422.9	869	10.5	42544.1	-5418.9
690	9.9	33047.1	-5402.2	780	9.8	40218.9	-5400.5	870	9.6	42604.0	-5431.2
691	7.5	33054.8	-5455.9	781	10.3	40221.7	-5441.5	871	8.7	42624.9	-5440.8
692	6.8	33126.3	-5443.9	782	10.3	40230.4	-5417.9	872	10.3	42625.0	-5423.9
693	8.0	33126.9	-5409.2	783	9.5	40241.1	-5432.9	873	10.3	42630.2	-5432.8
694	9.7	33141.4	-5420.2	784	10.5	40245.9	-5451.0	874	10.0	42650.9	-5433.8
695	10.0	33141.4	-5416.2	785	10.3	40247.5	-5422.9	875	10.5	42653.1	-5440.8
696	10.0	33211.5	-5432.2	786	10.8	40248.9	-5407.9	876	7.9	42702.9	-5411.8
697	10.0	33239.3	-5424.2	787	9.7	40313.4	-5418.9	877	9.8	42705.7	-5449.9
698	9.6	33330.4	-5416.2	788	9.5	40352.8	-5419.9	878	10.5	42708.6	-5400.8
699	10.0	33349.6	-5413.2	789	9.5	40503.6	-5405.9	879	11.0	42729.9	-5419.8
700	10.0	33349.8	-5438.8	790	9.9	40510.8	-5428.9	880	10.5	42810.6	-5419.8
701	11.0	33351.2	-5451.8	791	10.0	40512.3	-5413.9	881	9.9	42831.1	-5422.8
702	10.0	33351.6	-5439.1	792	8.8	40545.0	-5457.9	882	10.0	42834.7	-5406.8
703	11.0	33354.0	-5453.8	793	10.5	40552.4	-5413.9	883	10.0	42842.2	-5440.3
704	10.0	33450.2	-5419.1	794	10.0	40607.7	-5455.9	884	10.3	42852.8	-5451.8
705	10.5	33505.9	-5445.8	795	10.8	40613.4	-5452.9	885	10.5	42919.7	-5455.8
706	9.9	33612.0	-5414.3	796	9.5	40641.9	-5417.8	886	10.3	42956.3	-5407.7
707	7.7	33722.2	-5408.1	797	9.7	40736.9	-5415.8	887	10.8	43020.9	-5403.7
708	10.0	33731.0	-5444.0	798	10.5	40803.7	-5411.8	888	10.5	43034.5	-5441.8
709	9.1	33741.6	-5426.0	799	8.2	40810.1	-5421.8	889	11.0	43044.5	-5445.8
710	9.7	33752.8	-5428.0	800	9.4	40836.0	-5433.5	890	10.5	43052.5	-5412.7
711	9.7	33900.6	-5405.0	801	10.3	40853.2	-5428.5	891	11.0	43104.2	-5422.7
712	10.0	33938.6	-5412.0	802	9.7	40901.2	-5451.9	892	8.5	43109.5	-5455.7
713	9.8	33950.6	-5404.0	803	9.9	40916.6	-5428.5	893	10.0	43115.3	-5432.7
714	8.4	33954.5	-5452.1	804	10.3	40922.0	-5430.5	894	10.5	43156.3	-5414.6
715	10.0	34002.6	-5428.0	805	11.0	40934.8	-5458.9	895	10.3	43205.8	-5443.6
716	10.5	34004.6	-5444.8	806	10.5	40946.3	-5415.5	896	9.6	43214.3	-5441.2
717	9.2	34011.0	-5441.0	807	9.6	41000.7	-5438.5	897	9.5	43215.6	-5412.6
718	10.0	34017.0	-5426.0	808	8.7	41002.1	-5420.5	898	10.8	43254.1	-5448.7
719	8.7	34038.8	-5428.0	809	11.0	41018.5	-5446.8	899	9.2	43311.0	-5426.6
720	10.0	34051.6	-5403.9	810	10.5	41224.9	-5418.4	900	9.8	43340.5	-5433.6
721	9.8	34106.3	-5446.1	811	9.7	41229.0	-5446.8	901	10.5	43345.8	-5403.6
722	7.3	34106.8	-5452.1	812	10.0	41248.2	-5404.4	902	8.6	43347.1	-5452.6
723	6.2	34123.0	-5440.2	813	9.9	41251.4	-5452.8	903	10.8	43416.6	-5425.5
724	10.5	34134.1	-5458.3	814	10.0	41253.9	-5404.4	904	9.6	43430.7	-5414.5
725	8.1	34134.5	-5432.9	815	10.3	41309.8	-5433.4	905	9.5	43445.3	-5454.6
726	10.0	34147.6	-5436.9	816	10.5	41313.0	-5414.4	906	11.0	43529.2	-5416.5
907	10.3	43553.6	-5402.5								
908	11.0	43556.4	-5443.5								
909	8.1	43627.2	-5424.9								
910	9.8	43653.9	-5407.3								
911	10.5	43716.4	-5419.4								
912	9.7	43741.9	-5409.4								
913	9.3	43742.9	-5412.1								
914	9.7	43751.9	-5406.0								
915	11.0	43758.1	-5435.4								
916	11.0	43801.5	-5458.5								
917	9.1	43812.5	-5406.4								
918	9.6	43815.6	-5428.6								
919	9.4	43824.0	-5455.5								
920	9.8	43833.0	-5401.4								
921	9.9	43848.9	-5412.4								
922	10.3	43856.2	-5413.4								
923	10.5	43857.2	-5419.4								
924	10.3	43908.4	-5409.2								
925	9.6	43918.6	-5432.4								
926	10.3	43932.3	-5435.4								
927	9.8	43942.0	-5431.4								
928	10.5	43957.0	-5427.4								
929	10.8	43959.4	-5413.3								
930	10.8	44005.4	-5405.3								
931	9.1	44023.0	-5457.4								
932	7.8	44032.0	-5449.4								
933	9.3	44038.2	-5419.3								
934	10.0	44042.0	-5455.4								
935	9.1	44045.4	-5409.3								
936	10.3	44118.4	-5407.3								
937	10.5	44133.5	-5449.4								
938	10.5	44134.2	-5424.3								
939	10.8	44136.3	-5455.4								
940	10.8	44146.0	-5424.3								
941	10.5	44151.7	-5452.4								
942	10.5	44204.2	-5440.6								
943	10.8	44211.5	-5442.4								
944	10.8	44222.2	-5412.3								
945	9.7	44229.8	-5459.4								
946	10.8	44233.0	-5404.3								
947	10.5	44244.6	-5426.3								
948	9.3	44248.8	-5427.3								
949	9.9	44254.4	-5411.3								
950	9.9	44258.4	-5414.2								
951	11.0	44311.0	-5427.2								
952	8.4	44320.9	-5436.6								
953	9.8	44324.8	-5438.7								
954	9.8	44346.4	-5454.3								
955	10.3	44352.9	-5414.5								
956	11.0	44353.0	-5410.2								
957	10.0	44527.8	-5438.7								
958	10.0	44540.9	-5401.7								
959	10.8	44553.4	-5454.3								
960	9.7	44607.6	-5441.3								
961	10.3	44613.5	-5448.3								
962	7.5	44649.5	-5406.0								
963	7.8	44708.5	-5440.3								
964	10.5	44720.8	-5421.7								
965	9.5	44725.6	-5424.7								
966	9.7	44743.6	-5421.7								
967	10.3	44828.1	-5404.6								
968	9.2	44828.3	-5442.3								
969	8.9	44835.4	-5410.8								
970	10.0	44844.4	-5406.6								
971	10.5	44846.5	-5440.2								
972	10.5	44854.6	-5420.6								
973	8.6	44954.4	-5431.6								
974	9.8	45000.8	-5436.6								
975	9.7	45003.7	-5415.2								
976	11.0	45052.9	-5456.1								
977	10.5	45116.8	-5442.1								
978	10.5	45117.8	-5440.1								
979	9.4	45142.4	-5441.1								
980	7.6	45230.8	-5437.9								
981	10.5	45300.1	-5459.0								
982	10.0	45311.8	-5418.5								
983	9.5	45318.6	-5428.4								
984	9.1	45324.3	-5403.4								
985	10.3	45330.1	-5419.1								
986	9.9	45402.0	-5459.9								
987	8.9	45403.6	-5447.9								
988	10.3	45418.1	-5437.7								
989	8.3	45456.9	-5421.4								
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991	10.0	45501.1	-5427.4								
992	8.5	45507.6	-5400.3								
993	9.9	45515.8	-5456.9								
994	10.5	45534.7	-5454.9								
995	10.0	45545.4	-5419.1								
996	9.7	45545.8	-5420.3								

997	7.7	45552.3 -5421.3	1087	7.3	51510.4 -5436.5	1177	9.6	53358.0 -5412.4	1267	11.0	55512.6 -5401.7
998	9.5	45624.0 -5452.9	1088	9.7	51516.7 -5414.5	1178	10.8	53412.2 -5402.6	1268	10.3	55514.6 -5422.7
999	10.5	45654.5 -5429.0	1089	11.0	51519.3 -5406.5	1179	9.5	53426.8 -5428.2	1269	10.8	55545.5 -5426.6
1000	9.3	45657.3 -5450.9	1090	10.0	51525.5 -5459.9	1180	9.5	53428.8 -5425.3	1270	10.8	55546.3 -5413.6
1001	10.3	45710.0 -5425.9	1091	8.6	51606.6 -5427.5	1181	10.0	53435.5 -5447.1	1271	10.8	55546.4 -5403.6
1002	10.5	45830.4 -5449.8	1092	10.3	51623.9 -5439.8	1182	10.8	53502.7 -5404.5	1272	10.0	55555.6 -5447.2
1003	8.1	45836.8 -5411.2	1093	10.5	51625.7 -5416.4	1183	9.9	53510.7 -5430.3	1273	10.3	55556.9 -5410.3
1004	9.1	45901.8 -5459.8	1094	10.3	51706.6 -5444.8	1184	8.0	53518.2 -5438.2	1274	9.9	55600.7 -5450.2
1005	9.9	45904.4 -5420.3	1095	10.3	51802.0 -5408.2	1185	8.3	53521.8 -5453.1	1275	9.3	55603.9 -5424.4
1006	9.7	45920.0 -5406.2	1096	9.9	51804.9 -5400.2	1186	11.0	53523.0 -5408.5	1276	10.3	55609.2 -5427.4
1007	10.3	45944.8 -5410.2	1097	10.5	51807.2 -5422.8	1187	10.8	53533.2 -5406.5	1277	10.3	55611.2 -5430.3
1008	10.3	45948.5 -5416.2	1098	9.3	51823.3 -5431.2	1188	9.6	53616.8 -5431.6	1278	10.3	55618.7 -5427.2
1009	9.9	50005.4 -5446.8	1099	10.5	51838.9 -5414.3	1189	10.0	53626.6 -5456.0	1279	9.6	55639.8 -5444.2
1010	10.5	50005.6 -5454.8	1100	10.0	51841.5 -5450.8	1190	10.0	53633.9 -5457.0	1280	9.9	55653.7 -5458.1
1011	9.8	50014.5 -5435.2	1101	9.5	51853.7 -5421.5	1191	10.8	53657.1 -5424.5	1281	9.6	55655.2 -5453.1
1012	9.3	50015.2 -5447.8	1102	9.7	51854.7 -5432.6	1192	9.6	53706.0 -5425.8	1282	8.8	55716.0 -5437.3
1013	9.1	50020.2 -5416.2	1103	9.4	51858.7 -5418.1	1193	10.3	53750.9 -5414.4	1283	11.0	55721.3 -5422.6
1014	10.0	50056.8 -5405.2	1104	7.3	51920.7 -5423.5	1194	10.0	53806.2 -5451.9	1284	10.3	55735.9 -5409.2
1015	10.8	50103.8 -5455.7	1105	8.8	51922.8 -5437.4	1195	11.0	53829.3 -5436.4	1285	10.5	55750.9 -5410.9
1016	9.7	50116.7 -5414.3	1106	9.8	51929.3 -5452.8	1196	8.0	53832.9 -5447.9	1286	8.9	55808.4 -5441.8
1017	10.3	50118.3 -5435.4	1107	11.0	51947.9 -5457.8	1197	9.5	53833.1 -5421.2	1287	9.9	55815.4 -5401.6
1018	10.5	50143.6 -5457.7	1108	10.3	51949.5 -5409.3	1198	8.0	53840.6 -5431.4	1288	10.0	55828.7 -5455.1
1019	10.3	50152.1 -5413.8	1109	10.5	52004.2 -5403.3	1199	9.7	53850.9 -5409.6	1289	10.0	55829.2 -5456.1
1020	9.7	50213.8 -5448.6	1110	9.8	52017.3 -5403.5	1200	9.8	54014.2 -5442.3	1290	7.6	55829.2 -5457.1
1021	9.8	50219.3 -5438.0	1111	9.5	52024.8 -5431.8	1201	10.8	54040.5 -5402.3	1291	11.0	55853.7 -5433.5
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1023	10.3	50233.4 -5404.2	1113	9.9	52102.2 -5417.7	1203	8.6	54052.1 -5452.8	1293	9.9	55858.1 -5420.5
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1036	10.3	50559.2 -5416.9	1126	10.0	52308.3 -5449.6	1216	10.8	54424.9 -5412.1	1306	11.0	60130.0 -5444.4
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1040	11.0	50621.9 -5435.8	1130	10.5	52416.8 -5432.0	1220	8.4	54450.3 -5401.1	1310	9.7	60152.8 -5402.2
1041	11.0	50626.9 -5433.8	1131	11.0	52427.2 -5449.6	1221	9.1	54450.5 -5452.6	1311	7.7	60153.9 -5422.2
1042	9.4	50628.8 -5443.2	1132	10.0	52433.4 -5440.6	1222	10.0	54500.9 -5414.1	1312	10.8	60219.4 -5409.2
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1044	10.0	50638.3 -5456.3	1134	10.5	52479.4 -5418.0	1224	10.0	54511.2 -5434.0	1314	10.3	60249.2 -5438.0
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1047	10.0	50716.7 -5436.8	1137	9.2	52518.2 -5416.0	1227	11.0	54550.4 -5437.0	1317	10.0	60311.1 -5422.4
1048	9.9	50718.3 -5459.3	1138	10.0	52513.2 -5455.6	1228	10.5	54556.1 -5445.2	1318	8.5	60317.2 -5430.0
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1051	8.7	50731.1 -5430.8	1141	10.0	52605.3 -5445.5	1231	10.3	54633.8 -5443.2	1321	10.3	60337.3 -5417.4
1052	9.4	50731.8 -5425.8	1142	10.0	52650.1 -5443.5	1232	9.5	54700.9 -5413.8	1322	10.3	60404.1 -5413.2
1053	10.0	50744.2 -5416.8	1143	10.5	52655.3 -5407.9	1233	9.3	54709.8 -5456.6	1323	10.5	60411.4 -5437.0
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1059	10.3	50906.5 -5413.7	1149	9.8	52754.4 -5411.9	1239	9.8	54825.1 -5416.9	1329	7.4	60526.6 -5425.3
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1064	10.0	50936.4 -5444.2	1154	9.6	52913.6 -5432.8	1244	11.0	55010.1 -5430.9	1334	10.8	60616.3 -5401.2
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1075	10.8	51216.6 -5426.6	1165	10.3	53129.3 -5400.6	1255	10.5	55241.1 -5420.7	1345	10.0	60801.6 -5409.1
1076	10.0	51226.3 -5456.0	1166	11.0	53130.1 -5427.6	1256	9.9	55241.8 -5458.4	1346	10.8	60814.3 -5417.1
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1080	10.0	51335.0 -5451.0	1170	11.0	53220.1 -5424.6	1260	10.0	55334.9 -5454.3	1350	10.3	60840.8 -5416.2
1081	9.8	51359.5 -5435.5	1171	8.7	53248.7 -5419.1	1261	10.0	55340.5 -5450.3	1351	10.5	60847.7 -5440.1
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1084	10.0	51443.2 -5415.5	1174	10.0	53325.8 -5452.2	1264	11.0	55404.7 -5455.3	1354	10.3	60902.4 -5436.8
1085	10.3	51456.0 -5412.5	1175	10.5	53337.2 -5403.6	1265	10.5	55420.9 -5405.7	1355	10.0	60910.2 -5441.4
1086	10.0	51500.8 -5455.0	1176	9.9	53356.0 -5414.2	1266	10.5	55425.6 -5415.9	1356	9.9	60916.2 -5455.6

-54 1357 6h09m

-54 1716 7h13m

1357	10.5	60928.6	-5436.1	1447	10.0	62621.7	-5446.0	1537	10.0	64208.6	-5439.8	1627	10.0	65652.0	-5413.5
1358	10.0	60938.8	-5459.6	1448	10.5	62637.1	-5415.4	1538	10.0	64221.6	-5451.3	1628	10.0	65652.0	-5412.3
1359	9.7	60941.1	-5446.6	1449	10.0	62650.4	-5422.6	1539	9.6	64245.2	-5436.8	1629	10.0	65703.1	-5426.3
1360	9.7	60941.3	-5401.2	1450	10.3	62651.9	-5424.4	1540	10.0	64247.7	-5438.8	1630	9.3	65718.7	-5446.6
1361	10.0	60952.3	-5449.6	1451	8.8	62657.9	-5419.4	1541	9.3	64248.4	-5401.0	1631	10.0	65719.8	-5433.3
1362	9.5	61010.4	-5404.1	1452	9.3	62706.7	-5435.0	1542	9.7	64310.0	-5449.3	1632	10.0	65730.4	-5404.3
1363	10.5	61031.0	-5429.1	1453	9.2	62720.6	-5418.6	1543	10.0	64319.6	-5427.8	1633	9.6	65744.4	-5442.4
1364	10.8	61051.2	-5422.0	1454	10.3	62726.2	-5444.1	1544	10.0	64323.1	-5458.3	1634	10.0	65803.6	-5421.3
1365	10.8	61105.5	-5421.0	1455	10.3	62810.0	-5442.8	1545	11.0	64323.1	-5445.3	1635	10.0	65812.1	-5400.3
1366	9.9	61106.2	-5434.6	1456	10.3	62819.2	-5440.9	1546	9.7	64325.5	-5447.3	1636	10.0	65824.4	-5404.3
1367	9.9	61110.2	-5451.5	1457	10.8	62829.3	-5436.3	1547	8.5	64327.2	-5454.3	1637	8.7	65824.8	-5430.3
1368	10.0	61128.2	-5448.5	1458	11.0	62914.2	-5435.3	1548	10.0	64348.8	-5430.7	1638	10.0	65830.9	-5425.3
1369	9.6	61135.6	-5420.0	1459	9.9	62931.1	-5458.0	1549	9.5	64350.2	-5436.4	1639	8.8	65846.6	-5456.6
1370	10.0	61145.1	-5420.0	1460	9.8	62940.2	-5407.4	1550	10.0	64355.4	-5404.7	1640	10.0	65852.7	-5446.5
1371	8.7	61153.4	-5410.2	1461	10.3	62943.4	-5410.2	1551	9.8	64401.2	-5412.0	1641	9.3	65857.4	-5425.0
1372	10.0	61200.7	-5444.5	1462	11.0	63017.3	-5437.2	1552	7.3	64409.2	-5432.7	1642	9.4	65906.5	-5408.3
1373	9.5	61207.9	-5412.0	1463	8.5	63020.7	-5409.8	1553	10.0	64433.2	-5417.7	1643	8.7	65950.5	-5458.5
1374	10.5	61216.2	-5440.4	1464	8.2	63020.9	-5459.0	1554	10.0	64440.1	-5403.8	1644	10.0	70002.9	-5438.0
1375	11.0	61247.1	-5438.0	1465	11.0	63024.4	-5407.2	1555	10.0	64444.1	-5401.7	1645	9.8	70027.9	-5456.5
1376	8.8	61248.5	-5430.8	1466	9.5	63027.3	-5452.0	1556	10.5	64503.0	-5435.9	1646	10.0	70040.2	-5443.2
1377	9.4	61256.2	-5404.0	1467	10.0	63032.0	-5402.0	1557	8.6	64507.0	-5436.7	1647	9.8	70048.3	-5454.5
1378	9.7	61316.1	-5419.9	1468	10.0	63048.6	-5454.0	1558	9.0	64511.1	-5424.7	1648	10.0	70050.4	-5442.4
1379	9.7	61325.4	-5411.3	1469	10.0	63055.8	-5433.2	1559	10.0	64519.6	-5444.2	1649	9.8	70106.4	-5445.4
1380	10.0	61326.1	-5420.9	1470	10.5	63059.0	-5414.2	1560	9.5	64529.6	-5402.9	1650	10.0	70114.0	-5419.2
1381	9.5	61337.2	-5427.9	1471	8.0	63103.8	-5401.1	1561	10.0	64531.9	-5420.7	1651	10.0	70122.0	-5409.2
1382	8.6	61337.2	-5438.3	1472	8.8	63106.4	-5429.6	1562	10.0	64539.9	-5443.2	1652	10.0	70148.2	-5446.5
1383	10.5	61342.2	-5430.9	1473	10.0	63137.7	-5412.1	1563	10.0	64541.9	-5445.2	1653	10.0	70151.8	-5437.2
1384	11.0	61346.6	-5404.9	1474	11.0	63139.4	-5425.9	1564	10.0	64559.7	-5458.2	1654	10.0	70151.8	-5428.2
1385	10.8	61355.2	-5406.9	1475	9.4	63146.3	-5450.0	1565	9.9	64600.0	-5451.2	1655	9.8	70205.3	-5428.6
1386	9.9	61407.6	-5439.5	1476	9.7	63149.7	-5454.0	1566	10.0	64610.8	-5458.2	1656	10.0	70219.4	-5401.4
1387	7.4	61419.2	-5434.4	1477	10.0	63210.2	-5449.0	1567	10.0	64634.9	-5401.7	1657	10.0	70225.0	-5444.4
1388	11.0	61424.9	-5424.9	1478	10.0	63219.0	-5435.1	1568	9.9	64642.7	-5459.1	1658	9.9	70225.0	-5439.5
1389	9.1	61449.4	-5403.1	1479	10.0	63219.9	-5412.1	1569	10.0	64651.6	-5433.6	1659	10.0	70228.0	-5437.5
1390	10.0	61520.3	-5402.5	1480	10.0	63238.2	-5447.0	1570	10.0	64651.6	-5435.6	1660	10.0	70310.0	-5435.2
1391	9.5	61521.9	-5456.4	1481	10.0	63245.4	-5454.0	1571	9.9	64652.9	-5421.0	1661	10.0	70313.4	-5421.2
1392	8.5	61550.8	-5420.9	1482	10.0	63302.3	-5411.1	1572	10.0	64718.9	-5418.6	1662	10.0	70336.4	-5444.4
1393	10.0	61559.2	-5449.3	1483	10.0	63327.7	-5458.0	1573	10.0	64729.5	-5430.6	1663	10.0	70344.2	-5411.1
1394	11.0	61608.0	-5432.8	1484	10.0	63333.3	-5409.1	1574	9.7	64734.2	-5447.1	1664	10.0	70344.2	-5430.1
1395	9.9	61612.2	-5456.3	1485	10.0	63340.1	-5456.0	1575	9.6	64735.6	-5451.1	1665	10.0	70345.2	-5448.4
1396	10.5	61615.4	-5409.6	1486	9.2	63342.7	-5449.0	1576	9.9	64741.0	-5446.1	1666	10.0	70359.7	-5410.2
1397	10.5	61620.9	-5408.8	1487	10.0	63345.5	-5442.1	1577	9.9	64741.5	-5451.1	1667	8.3	70409.6	-5448.4
1398	10.3	61631.8	-5414.8	1488	10.0	63349.2	-5448.0	1578	9.4	64744.9	-5456.1	1668	10.0	70418.2	-5409.0
1399	10.0	61636.1	-5456.3	1489	10.0	63401.2	-5412.0	1579	10.0	64745.2	-5404.6	1669	10.0	70432.5	-5428.1
1400	9.4	61652.7	-5448.3	1490	10.0	63401.6	-5420.0	1580	10.0	64750.5	-5432.5	1670	8.4	70436.8	-5423.1
1401	9.8	61731.6	-5413.8	1491	9.4	63427.8	-5451.0	1581	10.0	64817.5	-5425.6	1671	10.0	70439.4	-5421.1
1402	11.0	61736.6	-5434.8	1492	9.6	63451.2	-5443.0	1582	10.0	64820.2	-5409.6	1672	10.0	70455.2	-5411.1
1403	10.0	61743.2	-5428.7	1493	9.4	63453.1	-5452.1	1583	10.0	64832.5	-5428.6	1673	9.6	70533.4	-5425.4
1404	8.9	61754.2	-5427.7	1494	10.0	63453.9	-5400.0	1584	10.0	64851.1	-5403.6	1674	10.0	70542.0	-5411.1
1405	11.0	61802.8	-5406.7	1495	9.2	63456.3	-5422.3	1585	8.7	64907.3	-5413.6	1675	8.7	70544.3	-5417.1
1406	9.6	61812.4	-5422.9	1496	10.0	63544.5	-5440.0	1586	10.0	64919.4	-5445.9	1676	10.0	70547.0	-5428.1
1407	10.0	61821.4	-5415.2	1497	10.0	63554.0	-5446.9	1587	10.0	64922.5	-5426.6	1677	10.0	70634.0	-5454.3
1408	10.0	61824.1	-5453.5	1498	10.0	63555.6	-5432.0	1588	10.0	64934.9	-5443.6	1678	10.0	70648.9	-5459.3
1409	9.8	61826.5	-5428.2	1499	9.6	63604.9	-5417.0	1589	10.0	64950.2	-5411.6	1679	10.0	70659.6	-5424.1
1410	10.0	61828.1	-5455.3	1500	10.0	63615.7	-5428.0	1590	9.7	65018.2	-5433.4	1680	10.0	70706.7	-5445.2
1411	9.6	61830.4	-5429.5	1501	9.5	63641.6	-5403.0	1591	10.0	65019.0	-5430.6	1681	10.0	70709.9	-5439.1
1412	8.6	61834.8	-5452.2	1502	9.6	63652.1	-5401.5	1592	10.0	65020.4	-5416.6	1682	10.0	70715.1	-5427.1
1413	8.3	61850.5	-5417.7	1503	10.0	63703.7	-5412.0	1593	10.0	65043.5	-5427.5	1683	9.0	70728.9	-5451.4
1414	11.0	61912.0	-5439.7	1504	10.0	63709.6	-5423.0	1594	8.4	65056.0	-5418.5	1684	9.2	70740.7	-5457.3
1415	10.8	61917.7	-5419.7	1505	9.7	63720.2	-5444.0	1595	7.8	65059.3	-5443.7	1685	10.0	70833.9	-5422.0
1416	9.2	61946.7	-5416.4	1506	10.0	63721.0	-5441.6	1596	10.0	65101.9	-5446.8	1686	10.0	70847.5	-5431.2
1417	9.4	61951.0	-5430.5	1507	10.0	63723.1	-5449.9	1597	10.0	65110.9	-5417.5	1687	10.0	70854.6	-5437.0
1418	10.0	62017.6	-5455.2	1508	10.0	63750.9	-5414.9	1598	10.0	65112.9	-5416.5	1688	10.0	70854.9	-5420.8
1419	10.8	62045.6	-5429.6	1509	9.0	63751.9	-5420.9	1599	10.0	65113.3	-5402.2	1689	9.1	70904.6	-5404.0
1420	11.0	62047.2	-5427.6	1510	10.0	63804.8	-5455.9	1600	10.0	65115.7	-5408.3	1690	10.0	70904.9	-5415.0
1421	9.4	62114.2	-5442.0	1511	10.0	63806.8	-5457.9	1601	10.0	65116.2	-5413.5	1691	10.0	70907.8	-5415.0
1422	10.0	62131.0	-5433.5	1512	9.9	63824.1	-5448.9	1602	10.0	65124.5	-5455.8	1692	10.0	70934.4	-5436.0
1423	11.0	62204.8	-5408.5	1513	10.0	63843.6	-5440.8	1603	10.0	65207.7	-5418.5	1693	10.0	70938.5	-5433.2
1424	9.9	62214.4	-5433.5	1514	10.0	63904.3	-5426.9	1604	10.0	65209.2	-5415.5	1694	9.9	70941.0	-5429.0
1425	10.0	62229.7	-5448.2	1515	10.0	63907.0	-5412.9	1605	10.0	65217.0	-5412.5	1695	10.0	70950.4	-5416.0
1426	10.5	62231.6	-5432.5	1516	10.0	63910.4	-5449.9	1606	10.0	65231.3	-5400.5	1696	9.1	71001.8	-5422.0
1427	10.5	62252.6	-5425.5	1517	10.0	63924.5	-5420.9	1607	10.0	65256.7	-5449.8	1697	10.0	71005.0	-5423.7
1428	10.5	62254.1	-5435.5	1518	10.0	63934.9	-5423.9	1608	10.0	65301.9	-5415.5	1698	9.9	71030.7	-5414.0
1429	10.0	62304.4	-5459.2	1519	10.0	63940.4	-5418.9	1609	10.0	65316.3	-5426.3	1699	9.8	71032.3	-5421.0
1430	9.2	62306.5	-5441.3	1520	10.0	63952.8	-5458.9	1610	10.0	65318.6	-5408.5	1700	9.0	71103.0	-5441.0
1431	10.0	62316.4	-5459.2	1521	10.0	63956.2	-5449.9	1611	10.0	65334.0	-5428.5	1701	10.0	71108.7	-5419.8
1432	10.5	62328.2	-5427.5	1522	10.0	64003.0	-5418.9	1612	10.0	65349.3	-5431.4	1702	10.0	71124.5	-5400.0
1433	10.8	62337.9	-5432.5	1523	10.0	64010.8	-5445.9	1613	10.0	65403.1	-5431.4	1703	10.0	71126.8	-5426.0
1434	10.3	62345.4	-5437.5	1524	10.0	64020.6	-5449.9	1614	10.0	65408.2	-5427.4	1704	10.0	71127.8	-5447.1
1435	10.0	62356.7	-5448.2	1525	7.9	64024.8	-5459.6	1615	9.0	65413.4	-5428.2	1705	8.1	71132.3	-5435.0
1436	10.8	62358.3	-5435.5	1526	10.0	64025.0	-5413.7	1616	10.0	65413.8	-5441.8	1706	10.0	71137.0	-5411.9
1437	11.0	62403.7	-5409.5	1527	10.0	64039.7	-5403.8	1617	10.0	65413.9	-5436.4	1707	10.0	71144.4	-5435.9
1438	11.0	62404.9	-5415.5	1528	10.0	64046.0	-5423.1	1618	10.0	65414.8	-5450.7	1708	10.0	71208.6	-5404.9
1439	10.0	62415.9	-5446.2	1529	8.8	64114.1	-5402.4	1619	10.0	65429.0	-5412.4	1709	9.5	71221.5	-5442.1
1440	8.4	62432.0	-5457.2	1530	8.7	64119.0	-5426.4	1620	9.9	65430.2	-5421.4	1710	10.0	71229.4	-5445.0
1441	10.5	62502.4	-5436.4	1531	10.0	64123.1	-5426.8	1621	10.0	65432.8	-5452.7	1711	10.0	71232.7	-5401.3
1442	9.7	62513.7	-5455.2	1532	9.9	64133.0	-5414.8	1622	9.1	65447.8	-5407.4	1712	10.0	71233.4	-5451.1
1443	10.5	62516.1	-5400.4	1533	6.8	64137.7	-5436.6	1623	11.0	65508.5	-5452.7	1713	9.9	71308.8	-5438.9
1444	9.7	62540.6	-5454.0	1534	6.7	64140.5	-5433.8	1624	9.8	65604.0	-5407.4	1714	8.9	71308.8	-5415.9
1445	11.0	62556.0	-5427.4	1535	10.0	64157.3	-5412.8	1625	10.0	65618.6	-5410.4	1715	9.9	71311.7	-5449.1
1446	10.8	62618.9	-5404.4	1536	10.0	64203.1	-5430.8	1626	9.4	65649.8	-5455.6	1716	10.0	71313.9	-5412.9

-54 1717 7h13m

-54 2076 8h04m

1717	7.3	71320.1	-5444.1	1807	10.0	72723.5	-5427.2	1897	9.7	73942.8	-5454.2	1987	9.9	75210.1	-5444.7
1718	10.0	71328.6	-5420.9	1808	10.0	72729.2	-5419.5	1898	10.3	73947.4	-5405.9	1988	10.5	75214.9	-5401.5
1719	10.0	71328.7	-5400.9	1809	10.0	72730.4	-5417.5	1899	9.7	73949.6	-5431.9	1989	9.8	75219.9	-5444.6
1720	10.0	71330.6	-5402.9	1810	9.2	72739.9	-5413.6	1900	10.0	74001.7	-5418.9	1990	10.3	75224.9	-5444.8
1721	8.4	71330.7	-5400.0	1811	6.5	72741.5	-5408.3	1901	10.0	74008.7	-5417.9	1991	10.5	75239.1	-5434.0
1722	9.9	71354.0	-5459.0	1812	10.0	72748.3	-5449.6	1902	9.7	74021.0	-5400.9	1992	10.3	75242.1	-5430.4
1723	10.0	71400.1	-5455.0	1813	10.0	72802.3	-5452.6	1903	9.5	74024.5	-5406.9	1993	11.0	75246.6	-5429.0
1724	10.0	71415.4	-5426.9	1814	10.0	72833.5	-5431.3	1904	10.3	74027.8	-5409.9	1994	8.1	75309.8	-5443.0
1725	9.9	71421.9	-5422.9	1815	10.0	72838.0	-5441.5	1905	9.7	74051.6	-5444.3	1995	10.3	75310.1	-5420.8
1726	10.0	71423.3	-5436.9	1816	10.0	72838.6	-5443.5	1906	11.0	74053.7	-5428.9	1996	8.1	75313.9	-5401.6
1727	10.0	71425.0	-5437.9	1817	10.0	72845.2	-5406.3	1907	10.5	74057.1	-5406.9	1997	10.3	75353.6	-5431.2
1728	10.0	71425.0	-5419.9	1818	10.0	72848.4	-5437.5	1908	10.0	74118.1	-5457.1	1998	11.0	75354.6	-5429.4
1729	10.0	71427.9	-5423.9	1819	10.0	72851.0	-5459.5	1909	9.4	74118.4	-5442.2	1999	10.3	75400.4	-5413.2
1730	10.0	71438.5	-5407.9	1820	9.4	72853.7	-5414.5	1910	10.3	74140.0	-5438.2	2000	9.6	75409.2	-5406.2
1731	10.0	71441.5	-5429.9	1821	10.0	72907.5	-5454.5	1911	10.0	74143.5	-5448.1	2001	10.3	75420.4	-5437.8
1732	10.0	71443.5	-5401.9	1822	10.0	72909.1	-5405.5	1912	7.7	74147.8	-5420.6	2002	11.0	75423.6	-5436.9
1733	10.0	71448.7	-5456.0	1823	9.0	72919.8	-5443.8	1913	10.0	74157.0	-5443.1	2003	10.0	75432.9	-5452.6
1734	10.0	71448.8	-5404.9	1824	10.0	72934.1	-5439.4	1914	10.8	74225.6	-5435.8	2004	10.3	75451.3	-5405.4
1735	9.7	71451.2	-5441.1	1825	9.9	72951.2	-5433.4	1915	10.0	74229.2	-5416.3	2005	10.0	75507.8	-5400.3
1736	9.4	71459.4	-5416.0	1826	9.8	73006.4	-5421.4	1916	10.3	74229.7	-5422.2	2006	7.6	75529.8	-5413.3
1737	10.0	71519.6	-5449.0	1827	9.6	73007.8	-5453.5	1917	9.8	74229.7	-5432.8	2007	9.2	75551.8	-5441.8
1738	10.0	71533.2	-5409.8	1828	9.5	73014.0	-5441.4	1918	9.5	74230.9	-5452.1	2008	11.0	75559.1	-5401.3
1739	9.9	71534.2	-5451.0	1829	8.0	73015.2	-5453.5	1919	10.0	74251.4	-5447.0	2009	10.0	75602.1	-5418.0
1740	9.3	71541.6	-5417.5	1830	10.0	73015.7	-5403.4	1920	9.0	74252.3	-5434.8	2010	7.8	75604.1	-5412.3
1741	10.0	71550.9	-5402.8	1831	10.0	73023.9	-5422.4	1921	10.3	74320.3	-5410.8	2011	10.3	75610.6	-5436.1
1742	10.0	71556.4	-5404.8	1832	9.4	73041.8	-5429.4	1922	9.8	74324.0	-5415.1	2012	10.0	75610.9	-5453.6
1743	10.0	71602.5	-5440.0	1833	9.8	73044.6	-5427.4	1923	10.5	74354.9	-5436.8	2013	10.5	75615.6	-5421.3
1744	9.2	71611.2	-5449.0	1834	10.0	73047.2	-5412.4	1924	9.3	74400.6	-5448.0	2014	9.9	75622.6	-5423.2
1745	10.0	71612.8	-5436.8	1835	9.7	73056.0	-5435.4	1925	10.3	74419.6	-5434.5	2015	10.5	75644.7	-5444.3
1746	9.6	71616.0	-5425.8	1836	10.0	73058.0	-5441.4	1926	9.7	74436.6	-5423.7	2016	10.3	75650.6	-5434.0
1747	10.0	71630.7	-5456.9	1837	9.9	73150.2	-5408.4	1927	10.3	74440.0	-5432.7	2017	9.7	75651.5	-5426.6
1748	9.2	71659.9	-5435.6	1838	9.9	73150.2	-5405.4	1928	10.8	74441.0	-5430.7	2018	10.0	75655.6	-5438.6
1749	10.0	71704.5	-5454.9	1839	9.7	73203.1	-5400.4	1929	8.9	74508.5	-5406.7	2019	10.3	75657.8	-5404.6
1750	10.0	71716.3	-5422.8	1840	10.0	73211.5	-5401.4	1930	7.1	74520.6	-5423.9	2020	10.8	75712.9	-5425.3
1751	10.0	71720.2	-5438.8	1841	8.7	73214.1	-5448.4	1931	10.0	74524.9	-5449.9	2021	7.1	75716.3	-5452.6
1752	10.0	71729.8	-5431.8	1842	10.0	73215.2	-5454.4	1932	10.5	74528.4	-5426.7	2022	10.0	75720.3	-5445.5
1753	10.0	71749.8	-5436.8	1843	10.0	73220.4	-5418.3	1933	10.5	74549.8	-5411.3	2023	11.0	75727.7	-5440.3
1754	10.0	71752.2	-5422.8	1844	9.9	73229.8	-5445.4	1934	11.0	74550.8	-5405.9	2024	10.3	75733.6	-5441.8
1755	10.0	71758.2	-5424.5	1845	10.0	73231.4	-5417.3	1935	11.0	74602.0	-5413.7	2025	10.8	75736.6	-5431.8
1756	9.8	71804.6	-5446.9	1846	9.3	73241.9	-5400.3	1936	10.5	74607.0	-5418.7	2026	10.8	75818.1	-5433.2
1757	9.5	71832.6	-5421.7	1847	10.0	73244.8	-5438.5	1937	9.6	74615.6	-5420.7	2027	6.5	75820.9	-5410.0
1758	10.0	71839.3	-5412.7	1848	10.0	73300.2	-5417.3	1938	10.0	74622.8	-5444.9	2028	10.3	75821.7	-5437.8
1759	10.0	71841.1	-5458.9	1849	10.0	73302.7	-5416.3	1939	9.7	74632.4	-5402.3	2029	8.0	75822.4	-5410.8
1760	10.0	71854.0	-5449.9	1850	10.0	73307.2	-5419.3	1940	7.7	74633.4	-5429.7	2030	10.5	75824.7	-5432.8
1761	10.0	71859.4	-5414.7	1851	9.8	73307.8	-5451.2	1941	8.2	74633.7	-5426.5	2031	10.3	75830.8	-5412.8
1762	9.7	71900.6	-5419.7	1852	10.0	73311.0	-5413.3	1942	8.3	74635.5	-5435.4	2032	11.0	75837.0	-5440.8
1763	10.0	71922.7	-5429.7	1853	9.6	73321.7	-5420.3	1943	9.7	74642.1	-5422.6	2033	11.0	75852.6	-5406.8
1764	10.0	71922.7	-5413.7	1854	9.8	73325.3	-5452.4	1944	8.5	74644.7	-5424.2	2034	7.3	75858.6	-5418.8
1765	8.6	71924.2	-5411.0	1855	10.5	73332.7	-5420.3	1945	7.3	74646.5	-5445.8	2035	10.0	75907.0	-5456.6
1766	9.0	71939.1	-5446.8	1856	10.0	73350.5	-5445.4	1946	9.2	74656.9	-5429.6	2036	9.6	75910.5	-5437.6
1767	9.3	71941.2	-5456.0	1857	9.9	73357.4	-5459.3	1947	9.9	74719.0	-5443.1	2037	10.3	75927.0	-5436.8
1768	10.0	71946.9	-5413.7	1858	9.6	73401.2	-5418.3	1948	9.7	74720.5	-5444.2	2038	9.6	75928.0	-5405.6
1769	10.0	72012.5	-5441.7	1859	9.7	73401.7	-5415.2	1949	10.0	74722.1	-5444.9	2039	11.0	75928.4	-5428.8
1770	10.0	72021.6	-5441.7	1860	10.0	73409.0	-5407.3	1950	9.7	74730.4	-5453.9	2040	10.0	75928.4	-5400.8
1771	9.8	72033.7	-5426.7	1861	10.0	73417.2	-5417.3	1951	11.0	74739.4	-5437.4	2041	8.3	75929.6	-5441.5
1772	10.0	72037.2	-5414.7	1862	10.0	73423.8	-5440.6	1952	10.0	74742.9	-5448.9	2042	9.8	75929.8	-5449.7
1773	9.5	72107.7	-5453.8	1863	9.7	73424.2	-5448.3	1953	10.5	74746.6	-5438.2	2043	8.9	75939.9	-5453.9
1774	10.0	72121.2	-5419.7	1864	10.0	73436.6	-5419.3	1954	9.4	74746.9	-5456.9	2044	10.3	75945.8	-5411.8
1775	10.0	72125.8	-5429.7	1865	10.0	73442.8	-5427.3	1955	9.5	74804.9	-5403.2	2045	10.5	75950.5	-5414.8
1776	10.0	72129.7	-5426.9	1866	10.0	73506.9	-5426.3	1956	10.0	74810.9	-5456.9	2046	10.5	80003.4	-5427.8
1777	10.0	72130.1	-5414.8	1867	9.8	73514.8	-5454.3	1957	10.0	74811.6	-5450.1	2047	11.0	80008.4	-5445.8
1778	9.4	72138.0	-5445.8	1868	10.0	73524.0	-5411.5	1958	9.8	74816.4	-5442.0	2048	9.6	80010.4	-5456.9
1779	9.6	72228.3	-5429.6	1869	10.0	73532.6	-5444.3	1959	10.0	74832.9	-5448.8	2049	10.5	80015.0	-5441.8
1780	10.0	72229.3	-5409.6	1870	8.2	73544.3	-5421.5	1960	10.0	74848.7	-5454.8	2050	10.5	80015.0	-5430.0
1781	8.6	72305.2	-5446.7	1871	10.0	73558.6	-5455.9	1961	8.8	74849.3	-5429.7	2051	10.3	80029.0	-5418.2
1782	9.8	72309.4	-5410.8	1872	9.8	73559.8	-5456.3	1962	9.7	74900.6	-5423.6	2052	9.7	80050.9	-5439.4
1783	9.8	72311.1	-5413.6	1873	10.0	73601.2	-5438.5	1963	9.3	74911.4	-5442.7	2053	9.1	80059.0	-5420.7
1784	10.0	72325.2	-5433.4	1874	10.0	73609.8	-5408.2	1964	11.0	74914.3	-5428.6	2054	8.8	80101.3	-5426.3
1785	9.4	72326.6	-5419.6	1875	10.0	73614.9	-5436.5	1965	9.8	74920.9	-5403.6	2055	7.9	80110.4	-5406.9
1786	9.8	72329.4	-5411.6	1876	9.6	73617.7	-5445.3	1966	6.5	74930.9	-5402.6	2056	8.0	80123.0	-5438.6
1787	9.5	72332.2	-5424.6	1877	9.0	73621.3	-5447.3	1967	9.6	74940.4	-5412.2	2057	10.8	80125.7	-5410.7
1788	10.0	72336.6	-5434.8	1878	8.6	73628.5	-5400.3	1968	9.7	74942.9	-5400.0	2058	7.6	80150.8	-5437.9
1789	9.9	72337.4	-5411.8	1879	10.0	73634.8	-5457.3	1969	11.0	74947.9	-5428.5	2059	10.3	80155.6	-5431.7
1790	8.3	72402.8	-5459.7	1880	9.8	73635.6	-5450.3	1970	10.8	74953.6	-5436.2	2060	10.0	80207.0	-5437.6
1791	10.0	72408.6	-5422.6	1881	10.0	73632.9	-5448.3	1971	10.3	74955.1	-5416.8	2061	10.0	80211.5	-5457.8
1792	10.0	72436.5	-5444.7	1882	10.0	73657.5	-5456.2	1972	9.9	75003.8	-5410.3	2062	10.5	80215.9	-5400.7
1793	10.0	72436.6	-5457.7	1883	10.0	73713.3	-5455.2	1973	9.8	75006.8	-5444.8	2063	10.8	80219.6	-5422.7
1794	9.5	72439.3	-5401.8	1884	9.4	73724.3	-5403.2	1974	9.6	75007.8	-5405.3	2064	10.5	80222.5	-5434.7
1795	9.9	72445.2	-5442.6	1885	10.5	73754.7	-5412.0	1975	11.0	75009.8	-5429.5	2065	10.0	80233.9	-5457.0
1796	10.0	72449.7	-5427.4	1886	9.5	73758.4	-5429.0	1976	10.3	75021.1	-5417.5	2066	10.0	80248.6	-5447.8
1797	10.0	72518.0	-5449.7	1887	7.3	73801.5	-5425.0	1977	10.3	75025.8	-5428.5	2067	10.8	80300.9	-5402.9
1798	10.0	72529.3	-5459.6	1888	9.8	73822.7	-5438.4	1978	10.0	75026.4	-5429.5	2068	10.5	80308.6	-5414.7
1799	10.0	72532.5	-5419.6	1889	9.9	73842.8	-5403.3	1979	10.0	75041.5	-5456.8	2069	11.0	80315.1	-5418.7
1800	9.5	72558.6	-5426.5	1890	9.9	73849.7	-5441.1	1980	10.5	75044.9	-5438.5	2070	10.3	80323.9	-5403.7
1801	9.7	72600.4	-5447.6	1891	10.5	73855.4	-5425.5	1981	10.0	75110.3	-5446.8	2071	9.2	80326.8	-5426.7
1802	9.6	72613.4	-5413.5	1892	9.8	73857.4	-5429.2	1982	10.8	75116.6	-5431.8	2072	10.0	80329.0	-5434.9
1803	9.9	72628.4	-5401.8	1893	9.8	73857.9	-5440.0	1983	10.0	75148.4	-5456.7	2073	9.9	80333.0	-5455.7
1804	9.9	72629.4	-5420.6	1894	8.3	73903.6	-5407.1	1984	9.3	75149.0	-5430.3	2074	10.0	80339.0	-5446.0
1805	8.9	72653.1	-5438.5	1895	6.9	73923.5	-5453.2	1985	11.0	75150.8	-5438.5	2075	11.0	80403.3	-5418.7
1806	9.8	72705.8	-5456.6	1896	10.5	73930.4	-5412.9	1986	8.0	75205.8	-5418.5	2076	9.1	80410.8	-5433.9

-54 2077 8h04m

-54 2436 8h49m

2077	10.3	80431.8	-5410.9	2167	10.8	81634.9	-5427.4	2257	8.0	82914.6	-5458.8
2078	9.1	80434.5	-5457.7	2168	10.8	81657.5	-5443.4	2258	11.3	82918.9	-5447.2
2079	8.4	80435.3	-5442.0	2169	10.5	81706.0	-5409.3	2259	7.2	82919.6	-5442.2
2080	9.3	80438.2	-5403.6	2170	8.5	81714.9	-5428.3	2260	10.5	82935.6	-5438.2
2081	8.1	80438.4	-5427.7	2171	10.3	81714.9	-5413.3	2261	11.0	83016.4	-5416.0
2082	10.0	80500.4	-5450.7	2172	10.3	81715.6	-5433.3	2262	10.0	83020.8	-5432.0
2083	10.5	80500.5	-5440.8	2173	10.5	81722.2	-5428.0	2263	10.8	83021.1	-5421.3
2084	10.0	80504.4	-5456.6	2174	10.8	81733.1	-5433.3	2264	10.5	83021.7	-5441.5
2085	10.0	80505.6	-5452.7	2175	9.1	81739.9	-5448.3	2265	10.3	83030.2	-5411.0
2086	11.0	80508.9	-5410.6	2176	10.5	81801.0	-5411.6	2266	10.3	83045.8	-5430.0
2087	10.5	80508.9	-5426.6	2177	10.0	81801.2	-5415.3	2267	10.3	83057.8	-5424.6
2088	9.5	80522.3	-5413.6	2178	9.4	81805.2	-5438.3	2268	11.0	83103.1	-5409.7
2089	10.5	80525.1	-5426.6	2179	10.3	81810.2	-5436.8	2269	8.1	83104.1	-5414.0
2090	9.7	80529.6	-5415.3	2180	10.0	81812.8	-5408.3	2270	10.8	83120.4	-5415.0
2091	9.8	80531.6	-5433.6	2181	10.3	81815.2	-5444.5	2271	11.0	83125.3	-5454.9
2092	10.0	80535.6	-5453.7	2182	10.3	81815.7	-5419.3	2272	11.0	83144.3	-5447.4
2093	9.6	80539.3	-5457.7	2183	10.5	81816.2	-5417.3	2273	10.5	83146.2	-5404.2
2094	10.3	80552.8	-5420.6	2184	10.3	81816.8	-5424.3	2274	10.3	83201.8	-5426.0
2095	10.5	80554.9	-5404.6	2185	10.3	81821.5	-5406.3	2275	11.3	83208.9	-5414.0
2096	9.7	80605.9	-5400.0	2186	10.8	81822.6	-5445.4	2276	8.0	83211.9	-5440.4
2097	9.9	80610.4	-5400.0	2187	10.5	81851.2	-5416.3	2277	9.4	83232.8	-5426.0
2098	10.0	80624.2	-5458.7	2188	10.5	81856.5	-5410.3	2278	10.8	83235.1	-5438.4
2099	10.5	80636.9	-5426.6	2189	10.0	81859.2	-5431.3	2279	11.0	83242.4	-5440.9
2100	9.6	80642.0	-5435.3	2190	9.6	81900.2	-5437.3	2280	11.0	83244.4	-5442.4
2101	10.3	80654.2	-5405.8	2191	9.0	81913.7	-5449.2	2281	9.5	83338.2	-5410.9
2102	10.0	80656.9	-5449.8	2192	10.5	81922.2	-5414.3	2282	11.0	83343.2	-5451.0
2103	10.0	80701.5	-5459.7	2193	9.7	81926.2	-5415.3	2283	9.8	83351.2	-5449.0
2104	10.5	80719.3	-5402.6	2194	9.5	81935.1	-5448.8	2284	9.7	83351.7	-5440.0
2105	10.5	80732.8	-5427.9	2195	8.2	81936.7	-5404.5	2285	11.0	83353.5	-5428.2
2106	10.3	80742.7	-5401.6	2196	10.5	82003.3	-5456.8	2286	9.7	83414.2	-5457.8
2107	9.9	80751.4	-5447.4	2197	11.0	82009.5	-5446.1	2287	11.0	83415.0	-5413.6
2108	10.3	80753.7	-5407.6	2198	11.0	82021.0	-5414.3	2288	7.6	83422.6	-5433.2
2109	10.3	80755.2	-5409.6	2199	10.0	82021.6	-5452.0	2289	9.5	83435.3	-5443.1
2110	8.9	80801.6	-5432.8	2200	10.8	82030.6	-5426.3	2290	11.3	83441.3	-5404.9
2111	10.0	80802.1	-5458.6	2201	10.5	82032.2	-5407.3	2291	10.3	83449.7	-5451.0
2112	10.3	80819.7	-5408.6	2202	7.3	82033.2	-5455.0	2292	9.5	83455.5	-5418.2
2113	10.0	80837.9	-5435.0	2203	9.7	82047.1	-5404.0	2293	9.7	83457.8	-5457.1
2114	11.0	80840.2	-5413.4	2204	11.0	82058.0	-5413.0	2294	11.3	83510.7	-5422.9
2115	10.8	80842.1	-5429.5	2205	11.3	82112.7	-5452.1	2295	11.3	83512.9	-5420.9
2116	9.9	80842.4	-5439.5	2206	11.0	82121.6	-5458.6	2296	10.8	83520.2	-5430.4
2117	10.5	80849.3	-5434.5	2207	6.9	82131.6	-5457.3	2297	10.8	83533.2	-5432.7
2118	10.3	80855.0	-5402.5	2208	10.3	82131.6	-5402.2	2298	11.0	83534.6	-5433.9
2119	10.3	80900.0	-5405.5	2209	9.8	82132.5	-5405.2	2299	10.0	83534.6	-5452.8
2120	8.0	80918.8	-5458.5	2210	9.9	82147.7	-5421.2	2300	10.5	83539.9	-5451.5
2121	10.5	80923.7	-5410.5	2211	10.0	82155.0	-5402.2	2301	9.6	83600.6	-5455.2
2122	9.3	80926.0	-5425.7	2212	9.8	82207.5	-5420.4	2302	9.8	83605.0	-5412.2
2123	10.5	80930.0	-5432.5	2213	10.3	82215.3	-5408.4	2303	10.0	83607.1	-5451.2
2124	10.5	80944.3	-5400.8	2214	10.3	82219.3	-5436.2	2304	9.9	83612.2	-5455.0
2125	10.5	80956.7	-5421.5	2215	10.0	82227.5	-5440.5	2305	11.0	83631.6	-5430.6
2126	10.0	81010.2	-5400.1	2216	9.9	82233.7	-5419.8	2306	9.5	83643.7	-5435.6
2127	10.0	81031.4	-5420.5	2217	10.3	82238.3	-5411.6	2307	10.3	83655.6	-5443.8
2128	10.5	81056.4	-5417.6	2218	8.8	82241.0	-5423.2	2308	9.7	83709.9	-5439.8
2129	9.9	81100.7	-5404.6	2219	10.3	82251.3	-5409.2	2309	11.0	83711.0	-5403.5
2130	10.3	81101.5	-5420.5	2220	9.4	82259.8	-5443.9	2310	10.5	83712.0	-5408.8
2131	9.2	81110.4	-5421.5	2221	9.2	82305.9	-5439.2	2311	11.0	83712.0	-5458.7
2132	11.0	81127.2	-5409.5	2222	10.3	82324.5	-5417.8	2312	11.5	83720.2	-5423.2
2133	10.0	81150.4	-5432.5	2223	10.5	82330.3	-5405.4	2313	11.5	83722.2	-5446.7
2134	10.3	81153.8	-5414.5	2224	7.6	82336.7	-5456.8	2314	8.8	83724.8	-5405.8
2135	10.3	81158.6	-5417.5	2225	10.3	82341.0	-5414.2	2315	10.8	83734.6	-5442.8
2136	10.3	81211.7	-5413.5	2226	7.8	82347.4	-5455.1	2316	10.5	83736.4	-5404.4
2137	9.9	81221.5	-5454.2	2227	10.5	82349.1	-5440.2	2317	11.0	83738.3	-5427.8
2138	10.0	81239.0	-5428.7	2228	10.5	82408.9	-5426.0	2318	10.8	83740.3	-5437.8
2139	10.5	81247.2	-5409.6	2229	7.0	82414.0	-5436.0	2319	10.8	83754.4	-5456.9
2140	10.3	81257.2	-5403.6	2230	9.7	82426.0	-5419.5	2320	11.3	83754.6	-5411.8
2141	10.5	81304.8	-5442.7	2231	10.3	82431.9	-5429.5	2321	9.8	83757.9	-5426.8
2142	9.9	81307.2	-5408.4	2232	9.6	82440.9	-5457.8	2322	9.7	83807.3	-5431.8
2143	9.5	81318.8	-5444.4	2233	10.5	82441.1	-5422.4	2323	11.5	83808.8	-5450.8
2144	10.5	81326.2	-5408.4	2234	10.5	82442.2	-5456.8	2324	11.3	83815.3	-5451.7
2145	10.5	81331.4	-5420.4	2235	9.9	82452.0	-5437.1	2325	10.5	83820.3	-5430.4
2146	10.5	81331.5	-5415.2	2236	10.0	82452.4	-5455.2	2326	10.8	83820.5	-5405.8
2147	9.5	81334.0	-5425.6	2237	10.3	82453.9	-5454.0	2327	10.8	83820.5	-5430.4
2148	10.5	81354.0	-5418.6	2238	10.0	82455.9	-5452.0	2328	9.1	83822.5	-5419.6
2149	9.6	81359.0	-5422.4	2239	9.7	82506.6	-5403.4	2329	9.6	83825.9	-5430.8
2150	10.0	81400.5	-5454.4	2240	10.0	82509.8	-5401.4	2330	10.8	83831.3	-5402.2
2151	10.5	81403.6	-5419.4	2241	9.7	82513.6	-5406.4	2331	11.3	83832.6	-5406.4
2152	9.5	81408.5	-5443.9	2242	8.1	82523.8	-5405.0	2332	11.5	83907.5	-5437.2
2153	9.1	81409.2	-5431.4	2243	10.5	82558.9	-5427.2	2333	11.5	83909.3	-5433.8
2154	10.0	81410.6	-5405.2	2244	10.3	82610.6	-5427.5	2334	9.4	83921.8	-5446.7
2155	9.0	81415.8	-5405.8	2245	6.4	82622.6	-5446.2	2335	10.5	83930.4	-5424.8
2156	10.8	81417.5	5426.6	2246	7.6	82623.2	-5459.6	2336	11.3	83931.3	-5434.6
2157	10.3	81429.0	-5429.4	2247	11.5	82626.8	-5412.8	2337	11.0	83935.3	-5414.8
2158	10.5	81435.2	-5402.4	2248	10.5	82639.6	-5430.1	2338	11.0	83948.8	-5421.8
2159	11.3	81442.1	-5454.3	2249	8.5	82643.9	-5424.7	2339	10.0	83950.3	-5453.1
2160	10.5	81532.7	-5455.3	2250	9.9	82727.3	-5455.6	2340	10.8	83951.6	-5413.5
2161	10.5	81532.8	-5413.6	2251	11.0	82737.9	-5434.1	2341	9.9	83959.9	-5427.2
2162	8.3	81558.1	-5408.6	2252	11.0	82742.1	-5419.1	2342	10.0	84000.3	-5449.9
2163	10.3	81604.1	-5406.4	2253	10.0	82753.5	-5418.1	2343	11.0	84015.3	-5429.2
2164	10.5	81605.8	-5450.3	2254	10.8	82839.9	-5419.8	2344	11.8	84017.3	-5433.3
2165	10.5	81619.3	-5415.4	2255	11.0	82859.9	-5433.8	2345	10.5	84036.3	-5424.7
2166	10.3	81632.9	-5429.4	2256	11.3	82912.9	-5451.8	2346	10.8	84036.5	-5411.0
2347	10.8	84039.2	-5425.7								
2348	10.8	84054.9	-5441.8								
2349	10.8	84101.3	-5435.2								
2350	11.0	84103.2	-5428.6								
2351	2.0	84114.9	-5415.4								
2352	10.8	84121.6	-5406.9								
2353	10.8	84131.1	-5423.5								
2354	10.5	84143.6	-5421.9								
2355	10.8	84152.9	-5459.5								
2356	9.7	84200.9	-5450.2								
2357	10.5	84207.9	-5435.3								
2358	10.3	84208.8	-5442.9								
2359	10.8	84212.1	-5421.9								
2360	8.3	84214.8	-5445.9								
2361	10.5	84220.3	-5424.5								
2362	9.6	84230.6	-5446.0								
2363	7.5	84232.3	-5430.4								
2364	11.0	84238.6	-5424.2								
2365	10.5	84245.3	-5402.2								
2366	11.5	84254.4	-5418.7								
2367	11.3	84310.6	-5402.9								
2368	9.1	84319.0	-5421.7								
2369	10.8	84320.9	-5437.9								
2370	9.0	84341.1	-5419.7								
2371	9.5	84344.8	-5452.2								
2372	11.3	84351.3	-5432.4								
2373	10.3	84351.6	-5405.0								
2374	11.5	84410.7	-5411.4								
2375	10.0	84411.4	-5456.6								
2376	10.3	84429.8	-5441.6								
2377	11.0	84432.0	-5439.2								
2378	10.8	84434.3	-5419.2								
2379	11.5	84440.9	-5405.7								
2380	10.8	84442.4	-5409.3								
2381	10.8	84445.6	-5419.6								
2382	9.5	84453.5	-5450.6								
2383	10.5	84457.7	-5414.6								
2384	10.8	84459.5	-5403.4								
2385	7.6	84503.8	-5458.8								
2386	10.8	84521.3	-5425.4								
2387	10.0	84528.6	-5451.4								
2388	10.0	84531.6	-5450.4								
2389	11.0	84533.0	-5438.7								
2390	9.1	84547.2	-5447.8								
2391	10.8	84547.5	-5426.0								
2392	9.8	84547.6	-5416.6								
2393	11.0	84550.9	-5412.8								
2394	10.8	84554.6	-5453.6								
2395	9.4	84603.0	-5423.6								
2396	10.0	84606.3	-5456.6								
2397	10.8	84607.7	-5458.4								
2398	9.0	84615.4	-5444.0								
2399	11.0	84631.3	-5431.8								
2400	10.8	84632.3	-5408.1								
2401	8.0	84633.7	-5436.9								
2402	11.0	84634.0	-5428.6								
2403	10.5	84638.5	-5410.2								
2404	10.3	84645.5	-5408.1								
2405	10.3	84647.0	-5400.4								
2406	9.6	84657.3	-5446.6								
2407	10.5	84659.0	-5407.6								
2408	10.8	84701.9	-5427.6								
2409	10.0	84710.3	-5458.6								
2410	11.0	84711.3	-5431.6								
2411	10.3	84718.2	-5424.4								
2412	10.5	84729.3	-5419.3								
2413	9.9	84731.8	-5457.9								
2414	11.0	84734.0	-5427.5								
2415	10.8	84734.3	-5407.6								
2416	10.5	84747.3	-5409.8								
2417	11.0	84800.3	-5432.6								
2418	9.1	84803.4	-5412.8								
2419	10.5	84810.6	-5438.4								
2420	11.5	84811.2	-5434.6								
2421	10.8	84813.3	-5452.8								
2422	9.7	84815.9	-5451.6								
2423	9.5	84822.3	-5428.6								
2424	11.0	84827.0	-5419.6								
2425	8.8	84827.1	-5420.6								
2426	9.5	84830.8	-5458.0								
2427	11.3	84832.5	-5407.0								
2428	11.0	84837.8	-5432.3								
2429	10.5	84841.5	-5403.7								
2430	11.5	84846.9	-5404.0								
2431	6.9	84856.5	-5452.4								
2432	11.0	84857.2	-5422.6								
2433	11.3	84908.5	-5408.2								
2434	10.0	84917.2	-5448.9								
2435	9.4	84918.3	-5413.5								
2436	10.3	84920.8	-5442.0								

-54 2437 8h49m

-54 2796 9h21m

2437	11.0	84926.1 -5435.8	2527	10.3	85846.8 -5420.4	2617	10.8	90700.0 -5428.1	2707	10.0	91439.2 -5415.9
2438	10.8	84930.2 -5437.5	2528	7.8	85847.9 -5432.3	2618	10.8	90703.2 -5422.7	2708	10.0	91444.5 -5446.8
2439	10.5	84931.8 -5425.6	2529	9.9	85849.3 -5455.6	2619	10.3	90716.6 -5403.1	2709	10.8	91447.0 -5416.0
2440	10.5	84934.7 -5414.3	2530	10.8	85900.2 -5403.4	2620	11.0	90719.5 -5433.7	2710	10.3	91447.3 -5404.7
2441	10.5	84938.2 -5431.3	2531	10.3	85902.8 -5440.5	2621	10.8	90725.0 -5426.3	2711	10.5	91450.4 -5405.2
2442	10.3	84941.8 -5432.7	2532	8.9	85915.3 -5456.4	2622	9.4	90726.7 -5431.1	2712	10.8	91456.5 -5409.4
2443	9.6	84950.2 -5452.9	2533	10.8	85915.5 -5425.8	2623	10.3	90729.0 -5400.9	2713	10.8	91458.5 -5405.4
2444	10.5	84959.9 -5413.7	2534	10.8	85921.3 -5438.4	2624	10.0	90732.6 -5446.7	2714	10.3	91501.0 -5421.0
2445	10.8	85000.6 -5441.5	2535	10.8	85927.9 -5422.3	2625	10.5	90734.2 -5430.0	2715	9.3	91513.4 -5436.6
2446	11.0	85002.4 -5416.9	2536	10.0	85929.3 -5455.4	2626	9.5	90747.1 -5440.4	2716	9.4	91513.4 -5439.3
2447	8.8	85006.6 -5437.7	2537	10.0	85930.8 -5452.4	2627	10.8	90756.7 -5400.1	2717	9.6	91513.4 -5443.5
2448	10.8	85020.2 -5419.5	2538	10.8	85936.7 -5411.5	2628	10.0	90759.1 -5447.3	2718	9.8	91521.5 -5442.4
2449	10.0	85021.2 -5458.4	2539	10.8	85942.4 -5426.2	2629	10.0	90809.1 -5430.8	2719	9.7	91524.2 -5437.2
2450	10.3	85031.2 -5444.3	2540	9.0	85947.0 -5439.3	2630	9.7	90814.7 -5452.3	2720	10.0	91528.6 -5451.2
2451	10.8	85037.4 -5435.9	2541	10.8	90009.6 -5413.1	2631	10.0	90820.1 -5409.1	2721	9.5	91532.3 -5435.2
2452	11.0	85038.8 -5428.8	2542	10.8	90012.9 -5419.3	2632	9.0	90822.5 -5438.9	2722	10.3	91540.2 -5425.5
2453	10.8	85041.4 -5403.5	2543	10.5	90016.1 -5402.9	2633	10.3	90828.3 -5413.1	2723	10.3	91541.4 -5425.1
2454	10.8	85041.7 -5433.8	2544	10.3	90016.9 -5438.4	2634	9.3	90836.2 -5424.2	2724	7.0	91542.6 -5440.0
2455	10.0	85113.6 -5444.7	2545	10.3	90026.3 -5402.8	2635	9.9	90839.6 -5448.3	2725	10.3	91550.4 -5421.2
2456	10.3	85116.0 -5413.5	2546	10.0	90028.6 -5400.2	2636	11.0	90841.5 -5415.9	2726	8.8	91553.6 -5412.9
2457	11.0	85117.4 -5421.9	2547	10.5	90031.4 -5419.2	2637	10.8	90844.5 -5418.5	2727	10.0	91600.4 -5456.2
2458	10.8	85118.8 -5432.3	2548	10.5	90034.4 -5414.2	2638	10.0	90859.1 -5448.3	2728	9.8	91605.8 -5421.8
2459	10.5	85127.0 -5406.1	2549	9.6	90038.2 -5407.2	2639	9.2	90859.6 -5413.0	2729	10.0	91606.4 -5428.9
2460	7.0	85127.0 -5413.5	2550	8.8	90041.2 -5426.0	2640	9.3	90903.3 -5424.4	2730	11.0	91611.9 -5401.1
2461	10.5	85138.2 -5440.1	2551	10.5	90042.1 -5431.8	2641	9.0	90926.7 -5434.3	2731	8.6	91616.7 -5443.3
2462	6.3	85138.9 -5429.3	2552	9.4	90100.3 -5420.2	2642	10.8	90928.5 -5424.6	2732	9.6	91627.6 -5429.4
2463	10.0	85140.9 -5452.3	2553	10.0	90100.3 -5402.2	2643	9.7	90928.6 -5412.0	2733	9.5	91627.9 -5442.2
2464	9.4	85145.0 -5400.3	2554	9.6	90107.4 -5442.7	2644	10.0	90934.2 -5457.7	2734	10.5	91629.0 -5407.3
2465	9.3	85152.7 -5422.9	2555	9.8	90109.4 -5413.2	2645	11.0	90935.5 -5400.8	2735	11.5	91630.4 -5432.1
2466	9.0	85201.0 -5421.7	2556	10.0	90123.8 -5454.4	2646	10.0	90935.5 -5459.8	2736	11.3	91632.8 -5422.2
2467	10.0	85205.2 -5457.1	2557	8.6	90132.2 -5444.4	2647	10.3	90948.1 -5433.0	2737	9.7	91652.2 -5450.2
2468	10.5	85207.9 -5424.7	2558	10.5	90133.3 -5425.2	2648	8.2	90951.9 -5441.2	2738	12.0	91701.9 -5420.0
2469	11.0	85221.4 -5443.4	2559	10.5	90139.8 -5425.2	2649	9.7	90953.5 -5443.8	2739	12.0	91706.4 -5421.9
2470	11.0	85225.4 -5434.0	2560	8.8	90152.8 -5458.4	2650	9.1	91002.6 -5413.0	2740	8.1	91713.6 -5406.6
2471	9.6	85229.0 -5440.7	2561	10.0	90153.6 -5451.4	2651	9.6	91018.7 -5432.0	2741	9.6	91717.0 -5401.8
2472	10.8	85231.1 -5429.5	2562	8.2	90214.9 -5432.0	2652	9.5	91030.6 -5404.6	2742	9.9	91720.6 -5431.0
2473	10.5	85235.4 -5439.0	2563	8.6	90225.9 -5424.2	2653	9.0	91031.5 -5408.2	2743	9.5	91722.7 -5410.2
2474	11.0	85246.7 -5406.4	2564	9.4	90228.9 -5413.6	2654	9.5	91038.2 -5428.2	2744	10.0	91726.4 -5434.7
2475	10.3	85302.8 -5441.6	2565	9.7	90229.3 -5456.4	2655	10.5	91039.5 -5438.9	2745	9.3	91727.2 -5426.2
2476	10.5	85326.7 -5412.2	2566	9.8	90231.4 -5432.6	2656	10.5	91056.3 -5411.0	2746	9.6	91731.5 -5442.2
2477	10.0	85331.2 -5443.5	2567	10.5	90245.4 -5418.2	2657	9.4	91056.3 -5416.4	2747	8.2	91735.8 -5452.2
2478	11.0	85349.5 -5403.5	2568	10.0	90253.7 -5446.4	2658	10.5	91104.8 -5401.1	2748	9.1	91739.6 -5410.0
2479	11.0	85356.3 -5416.2	2569	10.8	90255.6 -5439.0	2659	10.3	91109.8 -5422.0	2749	10.8	91749.4 -5405.4
2480	10.5	85359.7 -5422.6	2570	10.5	90300.2 -5411.2	2660	10.0	91117.2 -5459.3	2750	10.8	91749.9 -5413.0
2481	9.0	85401.5 -5438.2	2571	10.5	90315.1 -5427.2	2661	10.0	91121.7 -5456.3	2751	5.7	91801.5 -5458.6
2482	8.6	85406.2 -5426.2	2572	10.5	90318.6 -5406.5	2662	9.7	91122.3 -5436.0	2752	10.5	91803.1 -5434.6
2483	9.8	85416.7 -5433.4	2573	10.5	90328.4 -5422.2	2663	10.3	91123.0 -5418.8	2753	11.0	91804.3 -5452.2
2484	9.0	85417.0 -5401.4	2574	10.5	90329.9 -5435.2	2664	10.5	91129.5 -5440.7	2754	10.8	91806.8 -5444.3
2485	10.8	85419.7 -5415.0	2575	10.0	90330.9 -5419.0	2665	10.5	91138.6 -5406.0	2755	10.0	91807.1 -5424.5
2486	11.0	85427.7 -5416.2	2576	10.0	90338.8 -5402.4	2666	9.7	91140.5 -5414.0	2756	8.5	91807.4 -5400.6
2487	10.0	85447.8 -5444.5	2577	10.5	90339.4 -5422.2	2667	9.9	91144.3 -5436.4	2757	2.2	91815.4 -5428.4
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2489	11.0	85457.5 -5433.4	2579	9.0	90343.0 -5407.2	2669	10.8	91146.5 -5413.2	2759	10.5	91821.1 -5404.2
2490	11.5	85505.2 -5402.4	2580	9.8	90343.2 -5442.0	2670	9.3	91147.3 -5427.3	2760	11.3	91833.7 -5446.2
2491	9.9	85507.6 -5456.8	2581	10.3	90346.4 -5413.2	2671	10.0	91149.6 -5449.3	2761	11.3	91833.7 -5448.2
2492	10.0	85508.2 -5442.5	2582	10.3	90400.1 -5436.2	2672	10.0	91154.4 -5402.3	2762	11.3	91852.1 -5434.4
2493	11.0	85511.0 -5412.5	2583	8.6	90402.7 -5404.2	2673	8.9	91158.3 -5400.0	2763	10.8	91852.6 -5436.9
2494	10.5	85511.1 -5405.0	2584	11.0	90407.6 -5436.0	2674	9.1	91200.7 -5446.3	2764	11.5	91900.1 -5408.5
2495	8.1	85519.1 -5409.2	2585	8.1	90414.4 -5448.9	2675	9.6	91201.8 -5421.8	2765	11.0	91903.3 -5407.1
2496	10.0	85539.8 -5444.5	2586	9.5	90420.8 -5442.2	2676	10.3	91225.5 -5403.8	2766	11.0	91911.9 -5456.2
2497	10.3	85542.9 -5436.4	2587	10.0	90421.3 -5425.2	2677	10.0	91230.5 -5403.0	2767	11.0	91915.6 -5420.0
2498	10.3	85549.6 -5409.4	2588	9.7	90422.7 -5440.3	2678	10.5	91230.5 -5411.6	2768	10.0	91917.0 -5401.0
2499	10.0	85552.0 -5417.6	2589	9.9	90428.0 -5452.4	2679	9.9	91232.7 -5418.3	2769	8.8	91917.9 -5432.0
2500	10.5	85553.9 -5435.4	2590	10.0	90428.0 -5453.4	2680	10.5	91238.0 -5417.7	2770	9.5	91918.8 -5435.6
2501	10.3	85554.1 -5411.2	2591	8.4	90428.9 -5436.0	2681	8.2	91239.5 -5411.2	2771	11.0	91920.1 -5412.2
2502	10.3	85554.1 -5413.3	2592	10.8	90439.1 -5434.6	2682	10.5	91239.5 -5405.7	2772	9.5	91925.0 -5430.4
2503	8.9	85555.2 -5431.4	2593	11.0	90445.8 -5401.0	2683	11.0	91242.3 -5424.8	2773	10.8	91930.5 -5413.1
2504	10.3	85620.1 -5401.3	2594	10.5	90456.6 -5440.0	2684	10.5	91243.8 -5430.0	2774	10.8	91933.4 -5438.1
2505	9.7	85627.3 -5417.2	2595	10.8	90457.6 -5412.2	2685	10.0	91249.0 -5434.2	2775	11.0	91935.9 -5444.0
2506	10.5	85630.3 -5447.5	2596	9.6	90457.7 -5414.0	2686	9.5	91249.7 -5452.2	2776	9.4	91940.6 -5421.0
2507	10.8	85630.5 -5408.0	2597	10.5	90501.6 -5408.0	2687	8.4	91250.4 -5408.2	2777	10.8	91941.4 -5404.3
2508	10.5	85648.8 -5418.3	2598	8.6	90502.1 -5405.0	2688	10.3	91251.5 -5416.0	2778	10.8	91945.6 -5434.7
2509	10.5	85655.8 -5419.3	2599	10.3	90513.4 -5441.3	2689	10.5	91253.5 -5429.2	2779	11.0	91945.7 -5410.5
2510	10.8	85659.5 -5408.5	2600	10.3	90520.8 -5425.1	2690	9.5	91256.2 -5442.7	2780	11.0	91950.6 -5444.5
2511	10.8	85710.3 -5413.8	2601	10.0	90520.9 -5415.8	2691	10.5	91301.0 -5411.8	2781	9.8	91959.8 -5453.1
2512	10.3	85726.9 -5425.3	2602	9.7	90531.2 -5446.3	2692	10.5	91306.5 -5411.8	2782	8.7	92001.2 -5418.0
2513	9.7	85738.0 -5445.8	2603	9.6	90547.8 -5434.8	2693	10.5	91314.5 -5433.9	2783	11.0	92003.9 -5424.3
2514	10.8	85747.3 -5428.4	2604	10.3	90549.6 -5408.2	2694	9.9	91315.0 -5422.6	2784	9.7	92024.4 -5441.1
2515	9.6	85751.3 -5448.4	2605	10.0	90550.7 -5441.3	2695	10.5	91324.0 -5415.2	2785	9.9	92029.0 -5434.9
2516	10.0	85759.4 -5456.4	2606	10.3	90558.6 -5401.2	2696	10.3	91330.5 -5418.8	2786	10.3	92032.9 -5427.2
2517	10.8	85759.5 -5434.4	2607	10.0	90601.4 -5441.4	2697	9.9	91330.7 -5407.8	2787	10.0	92041.6 -5424.1
2518	10.5	85800.1 -5400.3	2608	10.5	90604.6 -5402.5	2698	10.0	91338.2 -5451.6	2788	10.0	92050.2 -5420.3
2519	10.0	85808.2 -5447.2	2609	10.0	90605.7 -5424.8	2699	10.3	91346.5 -5426.3	2789	10.8	92051.7 -5423.6
2520	11.0	85812.0 -5406.2	2610	10.0	90608.3 -5456.8	2700	10.5	91400.0 -5442.8	2790	9.5	92059.0 -5434.6
2521	11.8	85813.0 -5416.2	2611	10.0	90609.7 -5411.2	2701	10.5	91403.3 -5443.0	2791	9.9	92100.1 -5431.8
2522	10.5	85814.1 -5409.3	2612	10.5	90611.6 -5401.1	2702	10.5	91411.5 -5414.2	2792	10.3	92102.0 -5435.8
2523	10.8	85816.2 -5402.5	2613	9.1	90617.2 -5411.1	2703	10.0	91431.7 -5442.2	2793	9.7	92110.0 -5456.6
2524	10.8	85822.3 -5415.3	2614	10.5	90617.7 -5425.3	2704	9.2	91431.7 -5418.4	2794	9.7	92111.4 -5411.2
2525	11.0	85832.3 -5416.3	2615	10.3	90633.0 -5423.1	2705	9.5	91431.9 -5452.7	2795	9.7	92112.6 -5431.4
2526	10.3	85839.4 -5441.9	2616	10.0	90646.2 -5450.3	2706	11.0	91436.5 -5430.5	2796	10.8	92115.3 -5420.0

-54 2797 9h21m

-54 3156 9h53m

2797	11.0	92119.3	-5426.9	2887	10.8	92915.6	-5434.0	2977	9.7	93803.8	-5402.9
2798	11.0	92123.8	-5441.3	2888	10.8	92916.0	-5441.6	2978	10.0	93818.3	-5449.0
2799	11.0	92127.0	-5410.3	2889	10.8	92920.9	-5443.0	2979	9.3	93818.5	-5444.7
2800	9.8	92127.1	-5447.6	2890	9.8	92935.4	-5448.0	2980	10.3	93824.3	-5446.6
2801	8.5	92132.1	-5424.4	2891	9.8	92942.0	-5454.0	2981	10.5	93824.3	-5441.2
2802	8.0	92140.0	-5428.0	2892	9.5	92951.0	-5437.0	2982	10.3	93830.2	-5443.6
2803	10.0	92151.6	-5410.8	2893	9.3	93000.5	-5402.0	2983	9.8	93831.7	-5404.1
2804	10.0	92151.6	-5438.4	2894	10.8	93011.2	-5406.0	2984	10.0	93837.4	-5418.0
2805	9.2	92151.6	-5445.0	2895	10.8	93022.6	-5417.0	2985	9.8	93843.5	-5400.3
2806	10.0	92213.2	-5419.0	2896	9.3	93022.6	-5410.0	2986	8.5	93846.3	-5411.7
2807	9.9	92220.0	-5457.1	2897	10.3	93023.0	-5427.0	2987	9.6	93846.8	-5428.4
2808	10.3	92224.1	-5428.2	2898	7.8	93027.7	-5448.4	2988	10.3	93856.2	-5425.8
2809	7.5	92231.6	-5419.6	2899	10.5	93030.6	-5429.6	2989	10.5	93901.3	-5424.4
2810	10.3	92240.4	-5439.0	2900	9.5	93034.9	-5440.3	2990	11.0	93912.3	-5449.6
2811	10.5	92243.6	-5432.2	2901	10.8	93040.5	-5439.2	2991	9.0	93913.7	-5426.8
2812	8.5	92253.4	-5415.6	2902	10.0	93051.6	-5436.4	2992	10.0	93928.0	-5403.9
2813	10.5	92259.6	-5408.0	2903	10.0	93052.5	-5416.2	2993	10.3	93928.2	-5452.6
2814	10.5	92300.3	-5418.7	2904	9.1	93100.4	-5402.8	2994	10.3	93929.0	-5420.8
2815	10.5	92303.8	-5417.3	2905	10.0	93101.3	-5433.0	2995	9.8	93931.1	-5421.5
2816	10.5	92308.6	-5440.0	2906	10.5	93111.0	-5456.0	2996	9.3	93944.8	-5428.8
2817	8.6	92311.0	-5449.1	2907	11.0	93122.0	-5438.0	2997	9.5	93950.2	-5413.9
2818	10.3	92324.1	-5431.0	2908	9.5	93131.6	-5423.0	2998	9.5	93957.8	-5421.8
2819	9.1	92328.6	-5443.0	2909	10.5	93142.6	-5409.0	2999	10.0	94001.7	-5455.6
2820	11.0	92337.3	-5421.6	2910	9.9	93145.5	-5407.2	3000	9.8	94001.8	-5440.4
2821	11.3	92350.0	-5414.0	2911	11.0	93147.4	-5402.4	3001	10.3	94002.2	-5417.0
2822	10.8	92352.0	-5434.0	2912	10.3	93159.0	-5410.0	3002	9.7	94004.4	-5406.8
2823	10.0	92400.0	-5433.6	2913	10.3	93202.6	-5458.0	3003	10.3	94008.7	-5402.9
2824	7.8	92401.9	-5447.1	2914	10.3	93211.4	-5402.0	3004	9.2	94041.8	-5430.8
2825	8.6	92402.0	-5401.6	2915	10.5	93219.9	-5433.6	3005	11.3	94042.1	-5452.6
2826	10.0	92408.9	-5430.0	2916	9.7	93226.4	-5455.0	3006	9.3	94048.2	-5443.6
2827	9.5	92418.1	-5436.0	2917	10.5	93230.9	-5425.0	3007	10.0	94051.0	-5415.8
2828	10.5	92421.5	-5425.0	2918	10.3	93237.7	-5439.8	3008	10.3	94051.0	-5414.2
2829	9.8	92437.6	-5440.0	2919	10.5	93238.6	-5402.0	3009	9.6	94102.0	-5433.1
2830	9.0	92447.0	-5419.0	2920	10.3	93244.4	-5408.0	3010	10.0	94104.3	-5458.6
2831	9.6	92447.5	-5440.0	2921	10.8	93256.0	-5401.4	3011	10.5	94105.2	-5454.6
2832	10.3	92452.8	-5429.4	2922	10.0	93257.9	-5456.0	3012	8.8	94109.8	-5410.5
2833	9.8	92456.0	-5451.1	2923	9.8	93301.3	-5457.0	3013	10.3	94117.5	-5417.2
2834	9.6	92502.6	-5414.0	2924	10.5	93313.0	-5404.3	3014	9.9	94121.8	-5401.9
2835	9.6	92513.5	-5435.6	2925	9.2	93315.4	-5416.0	3015	11.0	94132.5	-5436.9
2836	7.9	92519.0	-5415.0	2926	10.5	93317.4	-5414.4	3016	10.5	94133.7	-5415.9
2837	10.3	92526.0	-5436.6	2927	10.8	93318.3	-5432.8	3017	9.1	94140.3	-5409.9
2838	9.9	92529.1	-5421.4	2928	10.8	93321.0	-5430.0	3018	10.5	94150.2	-5417.9
2839	10.5	92536.1	-5426.1	2929	10.5	93328.7	-5401.0	3019	9.8	94152.8	-5443.4
2840	8.2	92538.8	-5410.6	2930	9.6	93331.5	-5422.8	3020	10.0	94155.2	-54.5.2
2841	10.5	92538.8	-5425.0	2931	10.0	93333.4	-5450.0	3021	9.8	94201.0	-5408.9
2842	11.5	92550.0	-5459.1	2932	9.7	93347.5	-5421.3	3022	11.0	94202.3	-5402.4
2843	10.3	92554.6	-5434.6	2933	9.6	93347.5	-5420.0	3023	10.8	94208.2	-5406.9
2844	11.0	92554.9	-5445.1	2934	9.8	93348.1	-5456.0	3024	10.3	94215.3	-5409.9
2845	11.3	92556.3	-5442.1	2935	9.7	93351.0	-5422.0	3025	10.3	94216.8	-5447.0
2846	9.9	92601.6	-5419.6	2936	9.5	93352.5	-5409.0	3026	9.8	94225.2	-5406.0
2847	10.8	92612.5	-5408.0	2937	9.7	93355.9	-5427.6	3027	8.6	94231.7	-5445.5
2848	8.4	92613.1	-5423.2	2938	10.5	93402.5	-5446.0	3028	9.4	94239.8	-5450.5
2849	7.6	92629.7	-5441.2	2939	9.2	93407.5	-5431.6	3029	9.9	94242.7	-5424.4
2850	10.5	92630.6	-5430.0	2940	11.0	93422.4	-5440.0	3030	10.3	94247.4	-5458.1
2851	9.3	92637.1	-5402.6	2941	9.9	93438.6	-5454.9	3031	9.9	94253.7	-5415.7
2852	10.5	92638.1	-5419.8	2942	10.0	93445.8	-5402.3	3032	9.5	94255.7	-5416.4
2853	9.6	92642.7	-5456.4	2943	10.5	93446.0	-5421.6	3033	10.3	94301.3	-5445.8
2854	9.8	92644.1	-5422.4	2944	10.5	93448.5	-5432.2	3034	10.3	94302.8	-5430.9
2855	10.5	92656.0	-5451.1	2945	10.3	93452.9	-5451.9	3035	11.0	94319.2	-5417.9
2856	10.8	92701.9	-5447.1	2946	10.5	93453.0	-5425.0	3036	11.0	94321.1	-5422.9
2857	10.3	92704.0	-5414.0	2947	10.5	93454.6	-5419.0	3037	11.0	94325.3	-5400.9
2858	10.8	92705.3	-5422.0	2948	9.1	93458.3	-5455.0	3038	11.0	94329.8	-5440.9
2859	10.5	92711.5	-5457.0	2949	9.5	93512.1	-5449.6	3039	10.3	94331.7	-5425.4
2860	9.7	92728.4	-5453.0	2950	10.5	93514.7	-5442.6	3040	10.5	94339.7	-5415.9
2861	10.0	92729.0	-5456.0	2951	10.3	93517.6	-5458.6	3041	9.8	94341.2	-5427.4
2862	11.0	92730.6	-5432.0	2952	7.2	93520.0	-5411.0	3042	10.8	94343.1	-5446.5
2863	11.5	92731.7	-5434.0	2953	9.6	93537.5	-5403.3	3043	9.9	94350.0	-5439.9
2864	10.8	92741.0	-5409.0	2954	9.3	93543.8	-5445.6	3044	9.9	94350.0	-5400.4
2865	10.3	92751.6	-5413.0	2955	10.3	93545.7	-5436.9	3045	10.0	94351.5	-5442.5
2866	10.8	92801.9	-5438.6	2956	10.5	93547.8	-5431.6	3046	10.8	94357.7	-5459.5
2867	10.3	92801.9	-5448.0	2957	9.2	93550.5	-5412.9	3047	9.1	94400.3	-5442.6
2868	10.5	92808.6	-5434.0	2958	9.8	93554.0	-5410.2	3048	9.8	94412.0	-5420.9
2869	10.3	92810.8	-5451.0	2959	10.0	93558.3	-5438.9	3049	11.0	94417.9	-5450.7
2870	9.9	92814.1	-5412.8	2960	10.3	93615.8	-5445.2	3050	9.2	94419.3	-5458.5
2871	10.5	92817.0	-5405.5	2961	11.0	93624.8	-5401.9	3051	10.0	94420.3	-5457.2
2872	9.7	92818.0	-5452.0	2962	10.5	93641.0	-5410.7	3052	7.5	94427.6	-5454.4
2873	10.5	92819.0	-5410.6	2963	10.5	93643.5	-5410.1	3053	9.7	94429.5	-5422.2
2874	10.5	92819.9	-5432.0	2964	10.5	93647.3	-5413.3	3054	11.0	94439.3	-5448.5
2875	9.8	92822.6	-5419.6	2965	7.5	93648.7	-5425.4	3055	10.0	94440.7	-5430.9
2876	9.6	92824.1	-5424.5	2966	10.8	93656.5	-5444.6	3056	9.5	94445.9	-5426.9
2877	9.9	92852.6	-5412.2	2967	9.5	93657.3	-5421.1	3057	10.0	94447.8	-5432.5
2878	7.5	92840.5	-5416.8	2968	10.5	93700.8	-5433.6	3058	11.0	94502.1	-5428.9
2879	9.8	92843.2	-5439.0	2969	11.0	93704.0	-5435.9	3059	9.6	94507.3	-5444.4
2880	10.5	92844.4	-5448.0	2970	9.5	93725.9	-5442.6	3060	11.0	94512.3	-5401.9
2881	10.0	92846.7	-5406.0	2971	10.8	93727.8	-5449.6	3061	10.5	94514.5	-5437.9
2882	8.1	92850.0	-5402.4	2972	6.6	93740.8	-5438.9	3062	10.3	94519.3	-5446.5
2883	9.6	92857.8	-5417.4	2973	10.5	93742.5	-5402.9	3063	9.9	94521.7	-5423.9
2884	9.8	92903.5	-5450.0	2974	9.8	93743.2	-5454.3	3064	10.5	94521.8	-5435.9
2885	9.8	92909.9	-5449.0	2975	9.6	93746.5	-5457.6	3065	10.0	94521.9	-5439.9
2886	9.5	92912.6	-5442.8	2976	10.8	93748.2	-5439.4	3066	10.0	94530.8	-5402.6
3067	10.0	94532.4	-5424.9
3068	10.5	94549.4	-5454.5
3069	10.3	94558.5	-5412.2
3070	9.5	94600.4	-5457.5
3071	10.5	94602.5	-5432.9
3072	8.5	94602.8	-5441.6
3073	10.8	94607.8	-5449.5
3074	9.3	94619.4	-5405.4
3075	9.8	94634.0	-5441.2
3076	11.0	94640.5	-5433.4
3077	11.0	94643.5	-5400.9
3078	9.6	94701.2	-5444.6
3079	10.5	94709.3	-5447.5
3080	9.6	94711.7	-5454.5
3081	10.0	94719.2	-5404.9
3082	10.5	94719.3	-5446.5
3083	8.2	94721.4	-5447.7
3084	10.5	94721.5	-5422.4
3085	7.5	94723.8	-5403.9
3086	9.8	94724.5	-5419.9
3087	10.8	94730.6	-5424.9
3088	10.5	94735.7	-5425.9
3089	9.1	94756.0	-5400.9
3090	10.8	94801.9	-5449.5
3091	10.5	94802.7	-5442.5
3092	9.9	94807.0	-5451.0
3093	10.0	94807.0	-5418.6
3094	10.3	94807.9	-5416.4
3095	8.2	94823.9	-5452.5
3096	10.8	94828.4	-5407.6
3097	9.5	94832.0	-5449.5
3098	9.7	94842.0	-5406.1
3099	9.7	94842.0	-5410.2
3100	6.7	94843.5	-5447.5
3101	9.5	94845.4	-5456.5
3102	10.0	94846.3	-5452.4
3103	9.0	94849.1	-5425.9
3104	10.0	94857.8	-5427.9
3105	9.6	94858.0	-5435.6
3106	9.8	94906.5	-5407.1
3107	9.7	94907.2	-5422.9
3108	11.3	94908.9	-5448.5
3109	10.3	94911.5	-5428.8
3110	9.8	94918.9	-5440.7
3111	9.8	94928.6	-5429.7
3112	10.5	94931.6	-5420.7
3113	9.1	94936.6	-5412.6
3114	7.9	94939.0	-5415.6
3115	10.3	94942.0	-5406.6
3116	9.8	94950.8	-5436.7
3117	9.7	94950.9	-5430.9
3118	11.0	94956.9	-5442.6
3119	9.6	95002.0	-5437.1
3120	9.6	95021.6	-5410.9
3121	9.1	95024.9	-5445.6
3122	8.6	95027.5	-5433.5
3123	11.5	95042.4	-5449.4
3124	10.0	95050.0	-5401.5
3125	10.8	95056.6	-5408.9
3126	9.5	95057.6	-5455.4
3127	9.4	95104.0	-5432.9
3128	9.9	95112.0	-5414.7
3129	10.0	95113.5	-5429.9
3130	11.0	95125.4	-5401.9
3131	10.0	95129.3	-5413.1
3132	9.9	95136.0	-5452.0
3133	9.8	95142.6	-5411.4
3134	9.7	95152.3	-5406.9
3135	9.2	95157.4	-5433.6
3136	10.5	95158.6	-5430.9
3137	10.3	95202.6	-5453.4
3138	9.5	95206.8	-5444.2
3139	10.3	95213.6	-5451.4
3140	9.5	95218.9	-5413.2
3141	8.0	95223.2	-5429.6
3142	11.0	95223.4	-5450.4
3143	9.5	95223.6	-5425.9
3144	9.5	95240.7	-5435.8
3145	11.0	95254.6	-5456.4
3146	9.5	95305.2	-5420.8
3147	10.5	95311.3	-5456.4
3148	8.7	95314.6	-5404.4
3149	9.4	95320.2	-5440.6
3150	9.5	95325.2	-5420.0
3151	11.0	95326.2	-5415.6
3152	10.5	95342.2	-5428.8
3153	9.6	95344.2	-5418.8
3154	9.8	95348.4	-5442.3
3155	9.7	95350.6	-5441.5
3156	11.0	95354.1	-5452.4

3157	10.3	95354.6	-5433.8	3247	10.3	100144.3	-5457.9	3337	8.0	100957.8	-5440.5
3158	9.1	95355.9	-5422.8	3248	10.5	100147.7	-5446.0	3338	6.7	101032.5	-5455.4
3159	9.6	95402.1	-5418.8	3249	9.8	100153.2	-5409.6	3339	11.0	101034.3	-5420.5
3160	9.5	95403.8	-5439.8	3250	10.8	100153.9	-5417.0	3340	9.2	101036.2	-5408.2
3161	9.6	95412.2	-5423.8	3251	10.5	100153.9	-5445.2	3341	6.5	101038.6	-5420.8
3162	10.0	95413.0	-5453.4	3252	10.8	100153.9	-5456.4	3342	9.9	101044.2	-5423.3
3163	10.5	95418.5	-5400.8	3253	10.3	100157.9	-5435.6	3343	9.3	101045.5	-5427.5
3164	10.0	95420.4	-5411.8	3254	9.4	100205.6	-5410.3	3344	11.0	101047.5	-5410.5
3165	9.4	95431.6	-5443.5	3255	10.5	100227.9	-5423.6	3345	10.0	101048.4	-5437.5
3166	8.6	95432.3	-5401.2	3256	9.3	100228.5	-5409.6	3346	10.0	101052.2	-5417.3
3167	10.5	95435.5	-5429.8	3257	10.8	100238.6	-5425.6	3347	9.6	101053.0	-5443.4
3168	9.4	95439.3	-5423.1	3258	8.7	100241.5	-5438.0	3348	9.5	101055.8	-5408.0
3169	10.8	95458.5	-5433.8	3259	10.5	100242.8	-5450.3	3349	10.5	101057.0	-5403.5
3170	11.5	95501.9	-5405.8	3260	10.0	100258.8	-5454.3	3350	10.8	101104.3	-5406.7
3171	10.5	95502.0	-5459.0	3261	11.0	100303.9	-5446.3	3351	9.6	101104.5	-5438.0
3172	10.5	95502.2	-5440.4	3262	11.3	100306.2	-5413.2	3352	10.5	101107.8	-5442.2
3173	9.9	95515.6	-5424.0	3263	8.4	100307.1	-5420.6	3353	10.5	101108.3	-5413.5
3174	8.9	95519.9	-5446.0	3264	11.0	100311.2	-5458.6	3354	9.9	101109.6	-5426.0
3175	10.0	95520.1	-5418.8	3265	9.5	100323.9	-5435.4	3355	10.0	101112.5	-5400.2
3176	10.0	95522.4	-5405.2	3266	9.9	100325.7	-5407.6	3356	9.6	101114.1	-5436.5
3177	10.0	95525.5	-5431.8	3267	9.0	100345.3	-5409.6	3357	10.5	101115.5	-5432.5
3178	10.3	95533.9	-5436.4	3268	9.8	100401.9	-5420.6	3358	10.5	101118.5	-5402.5
3179	10.3	95538.5	-5431.8	3269	11.0	100405.3	-5450.9	3359	10.3	101119.0	-5453.1
3180	10.5	95541.7	-5457.4	3270	10.5	100407.2	-5413.8	3360	7.0	101120.4	-5454.1
3181	10.5	95543.0	-5450.2	3271	10.8	100414.4	-5429.0	3361	10.3	101138.6	-5437.5
3182	9.9	95544.9	-5438.8	3272	10.5	100419.2	-5408.6	3362	10.0	101142.5	-5430.6
3183	10.5	95548.9	-5446.4	3273	10.5	100420.4	-5438.6	3363	9.1	101143.8	-5458.3
3184	10.8	95556.6	-5444.4	3274	10.8	100423.8	-5441.0	3364	10.5	101144.5	-5400.5
3185	11.0	95603.3	-5433.1	3275	10.0	100425.3	-5430.0	3365	10.5	101150.4	-5405.5
3186	11.0	95605.0	-5443.8	3276	10.8	100433.8	-5442.8	3366	10.5	101150.6	-5434.5
3187	10.0	95605.2	-5454.2	3277	10.5	100438.9	-5419.6	3367	10.5	101152.2	-5415.5
3188	10.0	95605.6	-5449.2	3278	9.7	100446.7	-5416.8	3368	11.0	101207.1	-5458.1
3189	9.5	95608.0	-5432.8	3279	10.3	100456.8	-5432.2	3369	10.0	101212.1	-5402.5
3190	10.8	95608.5	-5443.6	3280	10.5	100508.2	-5407.6	3370	10.5	101213.9	-5458.1
3191	9.2	95618.8	-5427.0	3281	10.5	100511.8	-5442.2	3371	10.3	101214.7	-5405.5
3192	9.4	95627.8	-5413.8	3282	9.5	100512.4	-5417.2	3372	11.0	101215.9	-5422.8
3193	11.0	95630.7	-5457.4	3283	10.3	100514.8	-5432.2	3373	10.5	101219.8	-5452.1
3194	10.8	95646.8	-5442.2	3284	9.3	100516.5	-5435.4	3374	10.5	101222.9	-5416.5
3195	9.4	95649.6	-5458.6	3285	8.7	100522.3	-5409.9	3375	10.0	101231.3	-5425.7
3196	8.6	95649.9	-5407.4	3286	10.5	100523.1	-5443.7	3376	10.3	101238.2	-5411.5
3197	9.6	95703.8	-5413.0	3287	10.0	100527.8	-5427.1	3377	10.5	101238.7	-5435.5
3198	9.5	95706.1	-5409.7	3288	10.5	100531.8	-5432.2	3378	9.8	101241.9	-5416.5
3199	10.5	95707.1	-5421.7	3289	9.7	100549.9	-5440.6	3379	10.5	101249.5	-5432.4
3200	10.5	95707.9	-5438.7	3290	10.5	100551.3	-5444.5	3380	9.7	101304.4	-5447.1
3201	10.8	95708.2	-5456.4	3291	10.3	100555.4	-5442.5	3381	10.0	101312.2	-5412.2
3202	10.0	95713.1	-5433.7	3292	10.8	100555.4	-5426.0	3382	10.5	101313.2	-5439.4
3203	9.9	95713.6	-5424.2	3293	10.5	100603.8	-5440.6	3383	10.8	101320.7	-5442.2
3204	9.5	95713.6	-5434.5	3294	9.6	100605.3	-5451.0	3384	9.5	101322.8	-5452.1
3205	8.8	95715.6	-5453.2	3295	11.0	100626.9	-5436.0	3385	9.6	101324.8	-5406.2
3206	9.6	95723.2	-5442.1	3296	9.0	100637.3	-5417.5	3386	10.5	101325.7	-5444.1
3207	9.3	95727.2	-5427.4	3297	10.5	100653.8	-5401.1	3387	10.5	101332.3	-5431.4
3208	8.2	95730.3	-5423.9	3298	9.4	100659.1	-5420.5	3388	10.8	101334.7	-5457.1
3209	10.8	95736.0	-5402.3	3299	10.3	100700.2	-5458.8	3389	9.4	101338.9	-5432.6
3210	8.4	95738.7	-5421.7	3300	10.5	100706.6	-5428.9	3390	10.5	101342.8	-5415.4
3211	9.3	95752.3	-5412.9	3301	9.8	100716.2	-5425.8	3391	10.5	101347.2	-5436.2
3212	10.3	95804.9	-5447.4	3302	9.6	100720.0	-5439.5	3392	10.5	101351.1	-5413.4
3213	9.8	95809.9	-5431.9	3303	7.9	100723.4	-5422.5	3393	10.8	101351.7	-5445.1
3214	11.3	95820.1	-5457.3	3304	11.0	100724.9	-5458.8	3394	10.0	101353.7	-5452.0
3215	10.0	95828.4	-5411.9	3305	9.6	100727.2	-5438.5	3395	10.5	101354.2	-5440.2
3216	9.6	95833.8	-5401.7	3306	9.4	100732.4	-5430.5	3396	9.2	101357.6	-5413.4
3217	10.5	95852.0	-5442.1	3307	9.6	100735.5	-5441.0	3397	10.3	101402.2	-5440.2
3218	10.3	95855.0	-5425.7	3308	11.0	100740.5	-5421.8	3398	10.5	101402.9	-5423.2
3219	8.9	95857.5	-5419.7	3309	10.0	100741.4	-5451.3	3399	11.0	101405.0	-5448.0
3220	10.3	95858.0	-5456.2	3310	11.5	100747.5	-5449.3	3400	10.5	101411.0	-5417.6
3221	10.5	95902.1	-5454.0	3311	10.8	100753.4	-5455.3	3401	10.3	101416.8	-5435.2
3222	10.8	95908.5	-5456.3	3312	10.5	100759.4	-5432.5	3402	8.5	101419.0	-5442.4
3223	11.0	95913.0	-5427.0	3313	10.3	100803.5	-5446.8	3403	10.5	101419.3	-5417.4
3224	9.9	95929.7	-5419.7	3314	10.3	100806.5	-5419.1	3404	11.0	101419.8	-5425.4
3225	10.0	95933.8	-5435.8	3315	9.6	100828.6	-5425.3	3405	10.0	101421.8	-5420.4
3226	10.0	95953.4	-5434.3	3316	11.0	100830.8	-5452.8	3406	10.5	101425.7	-5400.4
3227	9.9	95954.0	-5426.0	3317	9.9	100834.7	-5406.5	3407	11.0	101425.7	-5453.1
3228	10.5	95954.0	-5458.6	3318	10.0	100835.3	-5403.8	3408	9.5	101426.8	-5440.2
3229	11.0	95956.6	-5447.0	3319	11.0	100842.7	-5448.2	3409	10.5	101441.8	-5427.4
3230	10.0	100005.5	-5457.6	3320	9.6	100844.8	-5428.3	3410	9.6	101442.2	-5446.1
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3232	8.0	100017.4	-5420.7	3322	9.5	100849.9	-5426.5	3412	10.5	101447.0	-5419.4
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3234	11.0	100030.6	-5434.2	3324	10.8	100853.9	-5439.7	3414	10.3	101449.6	-5440.7
3235	9.5	100059.1	-5404.7	3325	9.9	100854.9	-5417.0	3415	4.5	101455.0	-5424.4
3236	10.5	100103.3	-5403.2	3326	10.5	100906.2	-5452.3	3416	9.4	101508.6	-5440.2
3237	10.8	100105.8	-5448.3	3327	10.5	100908.9	-5445.8	3417	10.8	101510.6	-5450.6
3238	9.4	100107.4	-5418.2	3328	9.5	100922.3	-5418.0	3418	9.6	101521.6	-5450.1
3239	10.8	100118.0	-5444.2	3329	10.0	100928.9	-5415.5	3419	10.0	101525.6	-5402.4
3240	10.5	100118.8	-5440.7	3330	7.9	100929.4	-5422.5	3420	10.5	101532.7	-5422.4
3241	9.7	100121.3	-5428.4	3331	10.3	100938.0	-5410.3	3421	10.3	101539.1	-5403.4
3242	10.8	100123.9	-5423.7	3332	11.0	100939.6	-5453.6	3422	9.4	101541.2	-5419.4
3243	9.4	100127.4	-5438.1	3333	8.4	100943.2	-5431.5	3423	10.5	101544.0	-5409.6
3244	10.5	100141.0	-5447.3	3334	10.3	100949.0	-5408.5	3424	9.6	101547.6	-5454.1
3245	10.0	100142.0	-5457.7	3335	11.0	100949.7	-5444.8	3425	10.5	101551.5	-5401.4
3246	10.8	100142.7	-5405.9	3336	9.5	100955.0	-5411.5	3426	11.0	101552.5	-5442.0
3427	10.5	101554.1	-5403.6								
3428	11.0	101558.3	-5416.4								
3429	7.9	101559.1	-5441.4								
3430	10.3	101600.6	-5452.0								
3431	11.0	101602.2	-5437.2								
3432	11.0	101606.4	-5449.6								
3433	11.0	101610.7	-5427.4								
3434	10.8	101614.2	-5428.2								
3435	10.3	101616.7	-5447.3								
3436	10.8	101623.4	-5414.4								
3437	10.8	101628.9	-5425.0								
3438	10.0	101631.1	-5404.6								
3439	10.3	101639.6	-5425.6								
3440	11.0	101641.4	-5446.1								
3441	11.0	101653.9	-5456.1								
3442	10.3	101655.6	-5458.3								
3443	9.7	101702.7	-5408.4								
3444	9.7	101708.8	-5407.6								
3445	10.5	101711.0	-5407.4								
3446	10.8	101728.8	-5442.0								
3447	11.0	101730.3	-5418.4								
3448	10.3	101731.9	-5406.0								
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3451	11.0	101740.6	-5444.1								
3452	10.3	101746.9	-5445.0								
3453	10.0	101748.0	-5426.2								
3454	9.9	101749.0	-5438.9								
3455	9.6	101749.9	-5441.7								
3456	10.5	101750.9	-5403.4								
3457	10.8	101757.6	-5427.0								
3458	11.0	101758.5	-5426.4								
3459	9.4	101805.5	-5451.0								
3460	10.0	101812.6	-5425.4								
3461	10.5	101818.9	-5428.4								
3462	8.8	101821.6	-5450.0								
3463	10.0	101822.9	-5414.3								
3464	9.9	101836.0	-5427.3								
3465	11.0	101837.3	-5426.6								
3466	11.0	101855.2	-5413.3								
3467	9.6	101859.4	-5442.5								
3468	10.3	101903.8	-5443.1								
3469	11.0	101904.4	-5414.6								
3470	9.7	101920.9	-5450.4								
3471	10.3	101924.8	-5455.2								
3472	8.8	101930.1	-5404.2								
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3475	10.3	101953.7	-5426.3								
3476	10.0	102001.3	-5430.0								
3477	10.3	102010.0	-5417.3								
3478	11.0	102012.2	-5402.3								
3479	11.5	102015.5	-5425.3								
3480	11.3	102016.1	-5411.3								
3481	10.5	102048.8	-5446.0								
3482	11.0	102050.8	-5420.2								
3483	11.5	102054.7	-5433.3								
3484	11.0	102056.0	-5403.3								
3485	10.8	102059.0	-5440.3								
3486	7.2	102059.2	-5421.3								
3487	10.5	102105.0	-5441.0								
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3495	11.0	102154.2	-5456.0								
3496	5.5	102200.0	-5414.3								
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3501	11.3	102219.6	-5428.3								
3502	11.5	102220.0	-5413.0								
3503	10.3	102228.0	-5450.0								
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3505	10.5	102233.5	-5403.3								
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3510	9.9	102257.6	-5445.7								
3511	10.5	102301.2	-5419.3								
3512	10.8	102302.0	-5426.1								
3513	9.7	102319.2	-5419.1								
3514	10.8	102319.9	-5447.0								
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3516	11.0	102324.6	-5455.8								

3517	11.0	102335.5	-5426.2	3607	11.0	103019.3	-5443.4	3697	10.5	103642.1	-5425.0
3518	11.5	102335.6	-5420.0	3608	9.5	103027.5	-5403.0	3698	10.5	103647.6	-5433.1
3519	10.5	102342.2	-5454.2	3609	10.5	103029.1	-5417.2	3699	10.3	103652.1	-5430.4
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3521	10.5	102345.4	-5450.8	3611	10.0	103043.3	-5459.9	3701	10.3	103707.1	-5435.2
3522	10.5	102347.5	-5436.2	3612	10.8	103045.7	-5436.0	3702	10.3	103712.0	-5456.1
3523	10.0	102351.5	-5406.6	3613	11.3	103049.9	-5427.1	3703	9.5	103717.1	-5416.7
3524	10.5	102351.8	-5436.6	3614	9.5	103053.8	-5409.1	3704	10.5	103727.1	-5448.6
3525	11.0	102356.2	-5430.5	3615	10.3	103055.5	-5421.1	3705	8.6	103734.0	-5445.9
3526	9.3	102359.8	-5405.0	3616	10.3	103103.9	-5425.1	3706	11.0	103740.4	-5410.0
3527	10.3	102410.9	-5456.3	3617	9.8	103106.9	-5446.8	3707	8.7	103759.1	-5420.4
3528	9.1	102411.5	-5402.2	3618	11.0	103110.4	-5441.9	3708	9.7	103807.0	-5426.4
3529	9.6	102412.2	-5437.0	3619	11.5	103112.5	-5441.0	3709	9.3	103822.3	-5401.2
3530	10.8	102416.7	-5428.2	3620	11.3	103116.2	-5400.6	3710	10.5	103822.3	-5418.0
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3532	10.5	102417.4	-5423.3	3622	8.9	103128.9	-5443.3	3712	10.8	103832.9	-5411.0
3533	10.5	102423.0	-5420.0	3623	10.0	103129.9	-5454.8	3713	10.0	103833.2	-5422.8
3534	10.5	102423.0	-5443.6	3624	9.8	103132.9	-5428.0	3714	10.8	103836.4	-5410.0
3535	11.5	102423.8	-5405.6	3625	10.3	103135.8	-5406.6	3715	10.3	103841.9	-5443.7
3536	10.0	102426.4	-5458.9	3626	10.0	103135.9	-5432.4	3716	10.3	103848.0	-5447.8
3537	11.0	102430.0	-5417.2	3627	10.5	103137.9	-5455.8	3717	10.5	103851.4	-5444.6
3538	10.0	102433.8	-5412.2	3628	10.5	103139.2	-5441.8	3718	10.8	103853.6	-5420.5
3539	11.0	102439.8	-5445.6	3629	8.4	103146.3	-5434.0	3719	9.7	103859.6	-5457.7
3540	11.0	102444.2	-5429.7	3630	10.5	103148.9	-5453.8	3720	10.0	103900.1	-5429.0
3541	10.8	102448.7	-5415.7	3631	8.5	103150.8	-5440.7	3721	9.0	103900.9	-5415.1
3542	10.8	102452.1	-5414.7	3632	11.0	103152.3	-5410.1	3722	9.3	103902.9	-5406.0
3543	11.5	102454.7	-5429.4	3633	10.5	103200.2	-5447.8	3723	8.4	103913.5	-5453.7
3544	8.0	102503.6	-5420.2	3634	9.6	103200.5	-5418.1	3724	10.0	103917.1	-5437.5
3545	11.3	102509.9	-5424.2	3635	10.8	103205.8	-5410.1	3725	11.0	103921.5	-5440.0
3546	9.3	102511.8	-5445.3	3636	10.5	103209.0	-5448.8	3726	9.3	103924.6	-5435.9
3547	9.4	102513.7	-5413.2	3637	8.2	103210.4	-5432.6	3727	10.0	103934.6	-5433.3
3548	10.3	102520.0	-5436.2	3638	10.0	103217.5	-5416.1	3728	9.8	103942.6	-5413.9
3549	10.0	102526.9	-5433.6	3639	9.4	103219.5	-5418.4	3729	10.0	103944.0	-5402.6
3550	9.9	102530.0	-5442.0	3640	10.3	103219.7	-5422.1	3730	10.0	103945.5	-5427.6
3551	10.0	102530.2	-5417.8	3641	10.8	103221.0	-5410.9	3731	10.3	103955.6	-5439.3
3552	10.3	102534.4	-5455.9	3642	10.5	103221.0	-5441.1	3732	9.0	104002.5	-5423.2
3553	10.8	102535.4	-5449.9	3643	10.8	103224.7	-5439.8	3733	9.8	104010.0	-5450.7
3554	11.0	102544.4	-5432.9	3644	10.8	103236.0	-5423.1	3734	10.0	104010.5	-5455.7
3555	8.4	102544.9	-5447.3	3645	10.3	103244.2	-5455.8	3735	9.0	104011.8	-5421.6
3556	10.3	102553.0	-5446.9	3646	9.4	103251.7	-5402.3	3736	10.3	104016.0	-5453.5
3557	11.0	102554.5	-5423.0	3647	9.3	103256.5	-5459.0	3737	10.3	104016.1	-5435.9
3558	10.3	102555.0	-5443.7	3648	9.5	103258.4	-5451.8	3738	11.0	104019.1	-5422.9
3559	10.0	102606.8	-5412.2	3649	10.3	103259.4	-5453.8	3739	11.0	104021.0	-5452.7
3560	10.3	102621.9	-5453.9	3650	9.4	103300.8	-5453.5	3740	9.3	104026.2	-5436.9
3561	10.8	102624.2	-5421.2	3651	10.5	103307.8	-5447.8	3741	11.3	104040.6	-5414.9
3562	11.0	102633.8	-5410.2	3652	10.5	103309.9	-5453.5	3742	9.4	104044.4	-5403.9
3563	11.3	102634.7	-5430.6	3653	10.0	103310.3	-5446.8	3743	10.8	104050.1	-5429.9
3564	9.5	102639.4	-5435.3	3654	11.0	103310.5	-5412.6	3744	9.4	104058.6	-5431.9
3565	10.5	102640.6	-5427.2	3655	9.3	103315.0	-5400.8	3745	9.1	104108.5	-5433.9
3566	10.8	102643.4	-5424.3	3656	10.5	103327.9	-5429.1	3746	10.5	104122.8	-5438.9
3567	10.5	102651.4	-5445.0	3657	9.3	103327.9	-5430.4	3747	10.5	104134.0	-5457.7
3568	9.8	102653.9	-5449.9	3658	10.8	103332.0	-5410.1	3748	10.5	104139.7	-5457.7
3569	11.3	102657.9	-5414.5	3659	11.0	103334.7	-5420.6	3749	10.5	104146.6	-5425.4
3570	11.0	102701.9	-5422.8	3660	8.7	103334.8	-5448.3	3750	10.8	104149.9	-5410.9
3571	9.7	102706.3	-5407.6	3661	8.8	103337.7	-5450.5	3751	10.5	104151.3	-5402.4
3572	10.5	102708.4	-5425.0	3662	10.8	103338.0	-5400.1	3752	9.0	104151.6	-5410.4
3573	9.1	102708.6	-5419.4	3663	10.3	103343.0	-5414.4	3753	11.0	104200.1	-5441.0
3574	11.0	102717.5	-5448.9	3664	11.0	103343.8	-5447.8	3754	10.8	104202.0	-5443.2
3575	10.8	102718.8	-5440.0	3665	10.5	103343.9	-5426.1	3755	10.5	104203.6	-5437.0
3576	11.0	102719.5	-5446.1	3666	10.5	103347.9	-5411.1	3756	10.5	104208.0	-5450.7
3577	11.5	102721.7	-5412.0	3667	9.0	103349.6	-5459.8	3757	9.6	104208.1	-5414.0
3578	10.8	102725.5	-5441.9	3668	7.5	103401.2	-5428.0	3758	10.5	104215.4	-5413.0
3579	10.3	102729.6	-5458.9	3669	10.8	103401.5	-5455.8	3759	10.5	104221.3	-5422.4
3580	10.3	102741.4	-5427.2	3670	10.3	103406.8	-5409.1	3760	10.8	104224.0	-5402.9
3581	10.5	102745.9	-5403.8	3671	7.8	103409.8	-5412.4	3761	8.4	104224.5	-5401.6
3582	9.2	102746.2	-5405.2	3672	11.0	103417.9	-5426.1	3762	10.8	104233.0	-5454.7
3583	11.3	102754.3	-5407.2	3673	9.6	103418.9	-5409.0	3763	9.5	104238.4	-5437.0
3584	9.0	102757.3	-5430.0	3674	4.4	103419.9	-5457.3	3764	10.0	104243.8	-5407.0
3585	10.8	102759.4	-5452.9	3675	6.2	103425.7	-5457.8	3765	10.5	104244.6	-5434.0
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3587	10.3	102811.8	-5444.7	3677	11.5	103433.2	-5429.7	3767	10.5	104300.1	-5430.0
3588	10.3	102812.9	-5453.9	3678	9.8	103440.1	-5407.0	3768	10.5	104305.1	-5423.2
3589	10.5	102812.9	-5432.8	3679	10.8	103442.4	-5428.5	3769	10.3	104308.1	-5425.9
3590	9.0	102821.3	-5458.9	3680	9.5	103444.7	-5410.0	3770	10.5	104310.6	-5459.7
3591	6.5	102821.6	-5444.8	3681	10.5	103502.9	-5451.0	3771	9.3	104316.2	-5429.4
3592	7.8	102823.1	-5444.0	3682	10.0	103504.8	-5442.7	3772	10.3	104318.6	-5438.4
3593	10.8	102838.2	-5412.2	3683	8.9	103511.3	-5444.9	3773	9.8	104318.8	-5438.6
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3595	10.5	102845.9	-5451.9	3685	10.5	103542.0	-5435.4	3775	10.5	104339.0	-5449.7
3596	10.8	102909.9	-5453.9	3686	9.8	103550.1	-5414.0	3776	7.7	104341.6	-5441.8
3597	10.5	102911.3	-5411.8	3687	9.8	103605.3	-5407.0	3777	9.7	104342.4	-5413.4
3598	10.3	102922.4	-5444.4	3688	10.3	103609.4	-5440.8	3778	10.0	104343.1	-5414.4
3599	10.5	102925.9	-5453.9	3689	10.3	103610.3	-5402.2	3779	10.5	104351.9	-5443.7
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3603	9.5	102951.5	-5400.0	3693	10.0	103629.0	-5454.8	3783	10.3	104405.6	-5445.7
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3787	9.5	104437.0	-5430.4								
3788	9.6	104439.4	-5446.7								
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3790	10.3	104443.7	-5435.4								
3791	10.3	104444.4	-5410.4								
3792	10.5	104451.0	-5430.4								
3793	10.8	104453.8	-5440.7								
3794	10.5	104500.9	-5430.3								
3795	9.2	104510.0	-5432.3								
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3800	10.3	104527.1	-5419.3								
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3802	10.5	104532.1	-5414.3								
3803	10.3	104548.3	-5442.0								
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3836	10.3	104914.0	-5428.2								
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3847	10.3	105012.4	-5413.2								
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3857	9.4	105054.0	-5400.2								
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3866	10.5	105146.2	-5459.6								
3867	10.3	105148.8	-5440.2								
3868	9.0	105153.4	-5447.5								
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3870	10.3	105206.9	-5448.5								
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3872	10.8	105213.9	-5403.2								
3873	10.3	105221.4	-5447.5								
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3875	10.5	105245.2	-5457.5								
3876	9.7	105250.0	-5426.1								

3877	10.3	105252.2	-5427.1	3967	10.0	110108.4	-5458.9	4057	7.5	111121.8	-5406.0
3878	10.3	105256.6	-5416.1	3968	10.0	110125.9	-5444.9	4058	10.0	111124.0	-5434.0
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3880	8.9	105307.0	-5403.1	3970	9.9	110129.5	-5401.9	4060	9.4	111127.0	-5429.0
3881	10.8	105312.8	-5442.5	3971	10.0	110130.8	-5443.9	4061	9.7	111138.4	-5448.1
3882	9.0	105322.1	-5417.1	3972	9.0	110134.1	-5422.9	4062	9.8	111141.9	-5409.0
3883	10.3	105325.1	-5423.1	3973	10.5	110139.8	-5445.9	4063	9.7	111143.1	-5423.0
3884	9.3	105327.2	-5451.5	3974	10.5	110144.3	-5401.9	4064	9.6	111155.3	-5405.0
3885	10.3	105331.9	-5449.5	3975	8.9	110150.5	-5427.9	4065	9.8	111157.1	-5415.0
3886	10.5	105333.4	-5438.1	3976	8.7	110156.1	-5437.9	4066	10.0	111201.9	-5453.5
3887	9.8	105335.9	-5413.1	3977	9.9	110158.3	-5407.9	4067	9.7	111211.8	-5426.1
3888	10.0	105339.7	-5429.1	3978	10.0	110207.1	-5445.9	4068	9.7	111216.4	-5421.1
3889	9.0	105345.9	-5413.1	3979	10.0	110222.4	-5458.9	4069	9.6	111225.3	-5431.1
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3891	9.3	105400.3	-5449.5	3981	10.0	110225.2	-5409.9	4071	10.0	111237.2	-5449.1
3892	10.3	105407.9	-5434.1	3982	10.0	110227.4	-5448.9	4072	10.0	111238.3	-5405.1
3893	11.0	105413.9	-5447.5	3983	9.7	110245.2	-5406.9	4073	10.3	111240.7	-5410.1
3894	8.8	105418.9	-5422.1	3984	9.8	110254.3	-5427.9	4074	10.0	111241.6	-5459.1
3895	10.5	105428.8	-5442.1	3985	9.8	110314.8	-5400.8	4075	10.3	111246.9	-5422.1
3896	10.3	105433.0	-5430.1	3986	8.0	110314.8	-5440.4	4076	10.3	111250.8	-5433.1
3897	10.8	105438.0	-5410.1	3987	9.5	110318.7	-5415.8	4077	10.3	111256.2	-5413.1
3898	10.3	105443.8	-5456.6	3988	9.5	110324.4	-5437.8	4078	10.0	111258.8	-5451.1
3899	8.8	105449.1	-5459.8	3989	10.5	110329.7	-5411.8	4079	10.3	111301.0	-5432.1
3900	11.0	105453.1	-5458.8	3990	10.3	110343.3	-5429.8	4080	9.6	111312.0	-5444.1
3901	9.8	105500.0	-5433.1	3991	10.0	110351.8	-5453.8	4081	10.0	111319.0	-5459.1
3902	10.0	105500.3	-5413.7	3992	10.3	110401.1	-5440.9	4082	10.3	111324.3	-5431.1
3903	9.9	105501.6	-5420.1	3993	10.0	110404.9	-5422.8	4083	7.7	111326.0	-5457.4
3904	9.8	105511.5	-5410.1	3994	10.5	110405.1	-5445.0	4084	8.5	111343.0	-5440.1
3905	10.3	105512.0	-5400.1	3995	7.7	110411.1	-5401.8	4085	9.4	111346.6	-5435.1
3906	10.5	105515.9	-5458.6	3996	9.3	110415.3	-5437.8	4086	10.5	111348.8	-5414.1
3907	8.4	105521.9	-5441.1	3997	10.8	110419.7	-5410.8	4087	8.7	111401.7	-5402.1
3908	9.4	105524.0	-5411.1	3998	11.0	110423.8	-5457.0	4088	9.8	111402.7	-5438.1
3909	9.7	105539.1	-5424.1	3999	10.5	110429.9	-5422.8	4089	9.7	111411.2	-5457.8
3910	10.0	105540.9	-5400.1	4000	8.1	110431.3	-5432.8	4090	10.0	111413.2	-5408.1
3911	10.3	105543.7	-5414.1	4001	10.3	110436.5	-5417.8	4091	10.3	111419.8	-5434.1
3912	10.5	105547.5	-5432.1	4002	10.8	110439.2	-5457.0	4092	9.4	111430.7	-5409.1
3913	10.0	105547.8	-5455.8	4003	9.5	110445.7	-5432.8	4093	10.0	111432.1	-5446.3
3914	9.5	105553.8	-5454.8	4004	9.8	110445.8	-5417.8	4094	10.3	111437.2	-5411.1
3915	10.3	105605.6	-5433.0	4005	10.0	110450.1	-5448.0	4095	10.5	111441.8	-5430.1
3916	10.0	105605.9	-5456.8	4006	10.5	110455.8	-5421.8	4096	9.4	111442.7	-5413.1
3917	9.8	105619.5	-5444.6	4007	10.0	110505.6	-5437.8	4097	9.1	111509.7	-5414.5
3918	11.0	105623.0	-5453.8	4008	9.8	110510.6	-5439.4	4098	9.5	111518.2	-5438.5
3919	10.3	105626.3	-5431.0	4009	10.0	110514.2	-5441.2	4099	10.3	111523.8	-5404.5
3920	10.5	105628.2	-5416.0	4010	8.6	110529.0	-5435.8	4100	10.0	111530.1	-5450.6
3921	9.8	105629.9	-5421.0	4011	10.5	110534.2	-5425.8	4101	9.1	111534.6	-5440.4
3922	9.7	105632.0	-5406.0	4012	10.5	110539.7	-5402.8	4102	9.7	111605.2	-5436.5
3923	9.7	105700.7	-5421.0	4013	10.0	110540.2	-5433.8	4103	10.5	111610.2	-5418.5
3924	9.8	105701.5	-5410.0	4014	9.5	110551.1	-5446.0	4104	10.0	111614.4	-5451.2
3925	10.0	105702.6	-5454.8	4015	10.3	110554.7	-5410.8	4105	10.0	111614.4	-5402.5
3926	10.0	105712.1	-5455.8	4016	10.0	110607.7	-5403.8	4106	9.6	111616.2	-5421.5
3927	9.9	105712.6	-5457.8	4017	10.8	110611.2	-5435.8	4107	9.6	111616.2	-5421.5
3928	8.4	105719.3	-5445.1	4018	10.0	110627.2	-5453.0	4108	10.0	111620.2	-5418.5
3929	10.5	105721.9	-5405.7	4019	10.5	110629.2	-5418.8	4109	10.0	111631.0	-5437.5
3930	10.0	105743.2	-5416.0	4020	9.3	110638.6	-5450.0	4110	10.3	111632.5	-5414.5
3931	10.3	105750.8	-5443.9	4021	10.5	110650.0	-5443.9	4111	9.5	111650.2	-5421.5
3932	9.5	105750.9	-5444.9	4022	10.0	110705.2	-5459.1	4112	10.5	111651.1	-5424.5
3933	9.3	105752.0	-5406.0	4023	9.5	110712.5	-5416.9	4113	9.6	111716.2	-5436.5
3934	9.5	105752.7	-5423.0	4024	9.9	110717.1	-5436.9	4114	10.3	111717.3	-5410.5
3935	9.9	105811.0	-5447.8	4025	8.9	110724.9	-5441.0	4115	10.3	111719.5	-5409.5
3936	10.5	105812.6	-5419.0	4026	10.0	110746.7	-5446.1	4116	9.9	111727.1	-5401.5
3937	9.8	105824.1	-5403.0	4027	10.3	110747.2	-5403.9	4117	10.0	111743.1	-5429.5
3938	9.4	105826.0	-5408.0	4028	10.3	110750.2	-5443.5	4118	9.2	111749.5	-5409.5
3939	10.5	105831.6	-5423.0	4029	9.0	110756.0	-5444.5	4119	9.4	111754.5	-5443.0
3940	10.5	105832.8	-5441.9	4030	9.6	110802.6	-5436.9	4120	10.0	111758.4	-5446.4
3941	9.1	105833.1	-5424.0	4031	8.1	110809.6	-5450.1	4121	9.9	111812.1	-5404.5
3942	10.0	105846.6	-5420.0	4032	8.4	110813.7	-5449.4	4122	9.4	111831.9	-5442.0
3943	9.1	105849.1	-5411.0	4033	9.4	110817.5	-5442.0	4123	8.8	111839.7	-5428.5
3944	11.0	105900.8	-5445.9	4034	10.5	110827.3	-5404.9	4124	10.5	111841.4	-5437.5
3945	10.3	105911.4	-5409.0	4035	9.6	110830.9	-5410.9	4125	10.0	111856.0	-5436.5
3946	10.3	105912.4	-5406.0	4036	10.0	110831.9	-5408.9	4126	9.5	111912.3	-5426.5
3947	11.0	105913.8	-5445.9	4037	10.3	110835.6	-5421.9	4127	9.5	111917.7	-5459.4
3948	9.9	105914.0	-5456.9	4038	8.5	110841.9	-5427.9	4128	10.3	111926.2	-5420.5
3949	9.2	105918.3	-5440.4	4039	10.0	110843.3	-5444.0	4129	9.7	111929.0	-5411.5
3950	9.7	105920.4	-5436.0	4040	9.8	110858.9	-5438.9	4130	9.5	111936.5	-5429.5
3951	11.0	105933.7	-5459.9	4041	10.5	110912.6	-5436.9	4131	9.5	111938.2	-5421.5
3952	10.5	105941.4	-5436.0	4042	10.0	110913.1	-5414.9	4132	10.8	111939.0	-5459.4
3953	10.3	105943.5	-5433.0	4043	10.3	110929.2	-5444.3	4133	10.0	111945.4	-5421.8
3954	10.0	110004.9	-5446.9	4044	9.9	110938.0	-5429.0	4134	9.1	111955.9	-5442.0
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3957	10.0	110017.4	-5446.9	4047	9.4	111004.8	-5444.0	4137	9.6	112011.1	-5419.5
3958	10.0	110019.4	-5448.9	4048	7.6	111023.5	-5431.0	4138	9.8	112019.0	-5450.4
3959	9.8	110022.5	-5429.9	4049	10.0	111025.5	-5432.0	4139	9.5	112027.1	-5456.4
3960	10.0	110032.6	-5458.9	4050	9.7	111027.2	-5432.0	4140	10.5	112035.5	-5422.5
3961	9.4	110034.3	-5442.9	4051	8.1	111031.1	-5416.0	4141	9.9	112045.4	-5403.5
3962	10.3	110036.0	-5440.4	4052	10.5	111032.5	-5451.1	4142	8.9	112046.2	-5446.8
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3964	10.3	110101.0	-5432.9	4054	7.8	111059.8	-5453.1	4144	10.0	112049.9	-5440.4
3965	10.5	110102.5	-5425.9	4055	10.5	111111.6	-5408.0	4145	9.5	112100.3	-5450.4
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4147	10.8	112110.9	-5457.4								
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4151	10.0	112139.9	-5433.5								
4152	10.5	112143.3	-5449.4								
4153	10.0	112159.8	-5449.4								
4154	10.3	112208.8	-5411.5								
4155	10.5	112223.9	-5430.5								
4156	10.0	112231.9	-5404.5								
4157	9.8	112236.0	-5423.5								
4158	10.0	112238.2	-5450.4								
4159	9.9	112240.3	-5412.5								
4160	7.9	112249.5	-5411.5								
4161	10.3	112258.9	-5430.5								
4162	9.2	112259.8	-5412.0								
4163	10.0	112304.2	-5440.5								
4164	9.1	112316.6	-5413.5								
4165	10.3	112320.2	-5444.5								
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4168	9.3	112342.9	-5400.5								
4169	10.3	112400.5	-5422.5								
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4171	9.1	112407.6	-5437.5								
4172	8.1	112408.3	-5433.5								
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4174	10.5	112424.1	-5457.1								
4175	10.5	112434.3	-5420.5								
4176	9.8	112440.6	-5459.4								
4177	10.5	112454.3	-5419.5								
4178	9.8	112454.8	-5451.4								
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4184	9.5	112524.1	-5411.5								
4185	10.5	112524.7	-5431.5								
4186	10.0	112531.1	-5437.5								
4187	9.6	112544.1	-5439.5								
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4189	10.3	112608.4	-5445.4								
4190	10.5	112614.0	-5404.6								
4191	10.0	112625.5	-5400.5								
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4193	9.9	112639.8	-5450.3								
4194	9.7	112655.5	-5424.5								
4195	9.7	112659.8	-5421.5								
4196	10.3	112704.1	-5408.5								
4197	10.8	112707.5	-5440.9								
4198	9.1	112712.5	-5456.8								
4199	9.2	112731.6	-5443.4								
4200	9.9	112734.6	-5441.9								
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4210	9.8	112830.0	-5446.3								
4211	10.3	112832.6	-5441.3								
4212	10.3	112838.5	-5444.5								
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4214	10.0	112855.0	-5448.6								
4215	9.7	112857.9	-5420.5								
4216	9.6	112859.8	-5428.5								
4217	10.3	112902.7	-5409.5								
4218	10.3	112904.2	-5407.5								
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4225	10.5	113011.3	-5425.5								
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4228	8.8	113043.8	-5428.5								
4229	9.8	113047.2	-5414.5								
4230	10.5	113051.6	-5407.5								
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4232	9.5	113112.5	-5446.4								
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4234	10.5	113124.3	-5402.5								
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4236	10.3	113140.8	-5420.5								

4237	9.9	113142.6	-5409.5	4327	9.8	114011.6	-5426.9	4417	10.3	114909.9	-5452.9
4238	10.5	113149.6	-5413.5	4328	10.3	114013.1	-5427.2	4418	10.8	114912.3	-5437.3
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4240	9.9	113209.3	-5451.3	4330	8.8	114017.2	-5457.2	4420	9.8	114927.4	-5451.8
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4243	9.9	113219.3	-5452.9	4333	10.0	114027.6	-5415.1	4423	10.0	114934.1	-5456.8
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4245	10.0	113234.2	-5425.5	4335	10.5	114030.3	-5445.4	4425	10.8	114938.8	-5412.7
4246	8.9	113240.6	-5418.5	4336	10.3	114043.6	-5446.2	4426	10.8	115002.3	-5409.3
4247	9.8	113250.7	-5433.5	4337	11.0	114059.1	-5441.4	4427	11.5	115007.3	-5419.3
4248	9.8	113254.6	-5414.5	4338	10.5	114107.3	-5402.9	4428	11.0	115007.3	-5418.3
4249	9.8	113254.6	-5416.5	4339	9.2	114111.0	-5433.4	4429	10.0	115011.5	-5458.8
4250	10.8	113301.8	-5450.3	4340	9.7	114111.3	-5431.4	4430	10.5	115019.1	-5407.3
4251	10.0	113302.6	-5459.3	4341	11.0	114124.1	-5405.4	4431	10.8	115022.0	-5404.8
4252	10.3	113303.9	-5441.3	4342	10.5	114126.4	-5421.4	4432	11.0	115025.7	-5431.3
4253	10.0	113313.4	-5451.7	4343	10.8	114131.9	-5417.4	4433	9.7	115025.7	-5435.3
4254	10.5	113313.6	-5414.5	4344	10.8	114134.8	-5412.4	4434	9.6	115028.1	-5406.3
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4256	9.7	113322.6	-5436.4	4346	11.0	114151.0	-5437.8	4436	9.8	115046.4	-5447.2
4257	9.8	113323.2	-5429.4	4347	10.5	114151.5	-5412.4	4437	10.8	115047.5	-5433.0
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4261	10.0	113353.9	-5406.4	4351	10.5	114250.0	-5411.4	4441	10.5	115102.6	-5406.3
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4264	9.9	113355.5	-5452.3	4354	10.8	114317.9	-5415.5	4444	9.7	115144.8	-5442.0
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4266	10.5	113407.6	-5406.4	4356	10.0	114320.7	-5454.2	4446	9.4	115200.8	-5432.3
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4275	9.4	113500.6	-5422.8	4365	10.3	114411.3	-5445.3	4455	11.5	115238.5	-5418.1
4276	10.3	113504.6	-5427.9	4366	10.5	114418.1	-5434.4	4456	10.0	115239.6	-5439.7
4277	9.5	113507.6	-5408.9	4367	10.5	114419.2	-5443.2	4457	9.4	115241.5	-5456.2
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4280	10.5	113540.6	-5409.3	4370	10.5	114434.1	-5403.4	4460	11.3	115249.2	-5441.3
4281	10.3	113548.6	-5400.2	4371	9.6	114442.6	-5411.4	4461	10.8	115300.5	-5421.3
4282	10.5	113551.5	-5410.9	4372	10.5	114444.2	-5400.4	4462	10.5	115307.5	-5444.8
4283	9.8	113552.4	-5452.3	4373	10.3	114456.5	-5406.4	4463	10.8	115308.7	-5434.5
4284	10.5	113601.6	-5420.2	4374	9.5	114509.6	-5409.4	4464	9.7	115315.4	-5427.3
4285	9.3	113609.1	-5425.7	4375	11.0	114530.3	-5421.4	4465	10.3	115319.6	-5439.8
4286	9.5	113609.4	-5459.3	4376	11.0	114530.9	-5413.3	4466	10.8	115326.5	-5420.3
4287	10.3	113642.6	-5412.3	4377	10.3	114543.1	-5449.9	4467	9.0	115336.0	-5423.3
4288	9.3	113656.1	-5412.7	4378	9.3	114544.7	-5428.4	4468	9.0	115337.8	-5453.8
4289	10.5	113702.6	-5436.0	4379	9.4	114551.4	-5440.4	4469	10.8	115339.2	-5444.2
4290	9.5	113707.6	-5428.8	4380	11.0	114602.7	-5419.4	4470	10.8	115339.7	-5421.6
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-54 4957 12h42m

-54 5316 13h28m

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5730 9.5 142210.7 -5412.9	5820 10.0 143354.3 -5446.3	5910 10.8 144521.5 -5411.2	6000 10.8 145518.6 -5402.1
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5766 10.8 142712.3 -5404.0	5856 9.8 143800.1 -5404.1	5946 9.2 145031.1 -5413.3	6036 10.3 145823.2 -5406.7

-54 6036 14h58m

-54 6037 14h58m

-54 6396 15h39m

6037	9.2	145831.6	-5403.7	6127	10.5	150745.2	-5425.5	6217	8.3	151852.2	-5432.7
6038	9.2	145831.7	-5407.4	6128	10.8	150747.6	-5409.5	6218	10.5	151900.6	-5443.4
6039	10.3	145833.0	-5408.7	6129	10.8	150756.9	-5430.5	6219	10.8	151904.5	-5409.7
6040	10.0	145834.6	-5420.7	6130	10.8	150807.8	-5412.5	6220	11.5	151906.5	-5407.7
6041	9.1	145837.1	-5419.7	6131	10.5	150825.3	-5422.5	6221	11.3	151908.6	-5427.7
6042	9.9	145857.9	-5442.8	6132	9.0	150829.1	-5402.5	6222	11.0	151911.1	-5428.7
6043	9.6	145901.9	-5441.4	6133	10.8	150841.9	-5432.5	6223	10.5	151920.8	-5454.4
6044	9.6	145914.8	-5423.8	6134	9.3	150909.9	-5412.5	6224	11.5	151942.7	-5405.7
6045	10.5	145919.9	-5414.8	6135	10.8	150928.1	-5458.2	6225	9.0	151943.7	-5419.9
6046	9.9	145922.0	-5444.3	6136	8.4	150932.2	-5443.4	6226	11.3	151948.5	-5428.7
6047	10.8	145923.4	-5453.0	6137	10.5	151008.7	-5422.5	6227	10.3	151957.3	-5459.4
6048	9.7	145928.2	-5414.3	6138	10.5	151011.1	-5436.5	6228	11.5	151958.1	-5417.7
6049	10.3	145937.8	-5402.8	6139	11.0	151014.3	-5429.5	6229	10.3	152006.4	-5454.4
6050	10.8	145941.0	-5451.0	6140	9.2	151033.6	-5438.5	6230	11.5	152006.7	-5430.7
6051	10.8	145941.6	-5403.8	6141	8.8	151035.2	-5444.4	6231	10.3	152022.0	-5423.7
6052	8.3	145951.8	-5426.8	6142	9.4	151050.2	-5455.3	6232	11.3	152023.1	-5412.7
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6054	10.8	145959.2	-5403.8	6144	10.0	151109.3	-5400.0	6234	11.5	152025.8	-5429.7
6055	10.0	150002.8	-5415.8	6145	10.5	151117.3	-5430.5	6235	10.5	152034.5	-5457.4
6056	10.5	150016.4	-5400.8	6146	10.8	151117.3	-5432.5	6236	10.3	152056.8	-5426.7
6057	10.5	150023.9	-5452.0	6147	9.6	151123.1	-5413.5	6237	11.0	152100.4	-5429.8
6058	10.5	150032.4	-5431.8	6148	10.8	151132.6	-5433.5	6238	10.5	152104.9	-5438.8
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6061	9.9	150051.1	-5402.8	6151	11.0	151146.9	-5418.5	6241	11.5	152125.4	-5414.8
6062	10.3	150101.6	-5442.4	6152	9.8	151156.8	-5448.3	6242	9.6	152131.4	-5435.8
6063	9.9	150106.4	-5400.8	6153	11.0	151159.8	-5438.5	6243	10.5	152134.2	-5402.8
6064	10.8	150136.1	-5410.9	6154	10.0	151209.3	-5457.3	6244	10.0	152144.9	-5445.5
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6066	9.0	150143.7	-5409.9	6156	11.5	151230.7	-5433.6	6246	10.5	152203.6	-5414.8
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6070	9.2	150213.2	-5414.9	6160	10.0	151236.4	-5447.3	6250	10.5	152232.1	-5453.5
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6073	10.0	150236.6	-5439.9	6163	9.2	151256.0	-5450.3	6253	9.6	152248.8	-5442.2
6074	9.5	150238.6	-5428.9	6164	9.8	151317.0	-5447.4	6254	11.3	152251.8	-5424.8
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6076	10.5	150250.0	-5444.0	6166	10.8	151323.7	-5428.6	6256	8.5	152257.6	-5417.8
6077	11.0	150258.4	-5403.9	6167	11.0	151323.7	-5407.6	6257	9.2	152310.7	-5429.8
6078	10.5	150302.0	-5452.1	6168	10.8	151348.6	-5431.6	6258	10.3	152314.6	-5452.5
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6080	9.7	150308.6	-5427.9	6170	10.5	151350.7	-5457.4	6260	10.8	152326.6	-5406.8
6081	11.5	150308.6	-5443.9	6171	10.8	151354.4	-5406.6	6261	10.8	152328.8	-5409.8
6082	9.4	150314.1	-5450.1	6172	11.3	151413.0	-5443.5	6262	10.8	152338.6	-5401.8
6083	10.0	150325.0	-5416.9	6173	11.5	151414.7	-5436.6	6263	10.5	152342.7	-5436.8
6084	9.7	150329.5	-5440.9	6174	9.8	151418.9	-5433.6	6264	8.6	152343.1	-5420.8
6085	9.5	150333.3	-5416.9	6175	10.8	151421.2	-5420.6	6265	10.0	152420.3	-5411.8
6086	10.8	150338.0	-5443.1	6176	10.8	151421.7	-5420.6	6266	10.5	152428.0	-5439.9
6087	8.2	150343.3	-5404.9	6177	10.0	151437.2	-5420.6	6267	10.8	152430.4	-5440.7
6088	9.5	150345.3	-5425.9	6178	10.3	151445.7	-5456.4	6268	10.3	152432.0	-5448.5
6089	10.5	150346.7	-5416.9	6179	11.0	151446.3	-5402.6	6269	10.5	152432.3	-5428.9
6090	10.3	150348.0	-5440.9	6180	10.8	151452.7	-5418.6	6270	9.5	152441.0	-5448.5
6091	10.5	150353.2	-5454.1	6181	10.3	151454.0	-5446.4	6271	10.8	152456.3	-5410.9
6092	10.3	150403.6	-5423.9	6182	10.3	151456.3	-5446.4	6272	9.7	152500.4	-5415.9
6093	10.8	150407.2	-5440.9	6183	10.5	151459.3	-5450.4	6273	10.3	152524.5	-5449.8
6094	10.5	150418.8	-5419.9	6184	10.8	151505.5	-5421.6	6274	10.8	152526.3	-5425.9
6095	11.0	150427.8	-5443.2	6185	11.5	151509.1	-5429.6	6275	10.5	152530.6	-5412.9
6096	9.8	150438.2	-5403.8	6186	10.8	151509.1	-5432.6	6276	10.5	152539.3	-5400.9
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6100	10.8	150441.4	-5411.0	6190	10.8	151520.7	-5453.3	6280	10.8	152602.1	-5425.9
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6102	10.5	150508.3	-5428.0	6192	9.0	151537.5	-5411.6	6282	9.8	152606.2	-5414.9
6103	10.8	150521.4	-5438.0	6193	9.6	151542.5	-5410.6	6283	9.0	152611.6	-5417.9
6104	10.0	150524.0	-5444.0	6194	10.5	151602.0	-5429.6	6284	10.8	152613.4	-5430.9
6105	11.0	150532.6	-5408.0	6195	11.3	151630.0	-5431.6	6285	9.0	152618.7	-5444.6
6106	9.7	150559.0	-5409.0	6196	10.8	151636.0	-5455.3	6286	10.0	152646.6	-5429.9
6107	10.3	150602.7	-5448.1	6197	10.3	151646.0	-5455.3	6287	11.0	152658.6	-5424.9
6108	8.3	150604.6	-5406.0	6198	11.0	151646.8	-5406.6	6288	10.8	152659.9	-5441.6
6109	10.8	150606.2	-5408.0	6199	9.5	151649.2	-5452.3	6289	10.3	152701.2	-5428.9
6110	10.8	150609.4	-5455.1	6200	10.5	151703.6	-5448.3	6290	10.3	152704.5	-5427.9
6111	10.5	150609.8	-5447.0	6201	11.3	151716.1	-5407.6	6291	10.0	152706.8	-5427.9
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6113	8.1	150621.1	-5430.0	6203	7.9	151724.4	-5434.6	6293	10.0	152710.9	-5452.6
6114	10.8	150623.3	-5438.0	6204	10.5	151727.8	-5457.4	6294	9.7	152716.3	-5458.6
6115	11.5	150628.3	-5413.0	6205	11.0	151734.1	-5415.6	6295	11.0	152740.0	-5447.6
6116	10.8	150634.3	-5430.0	6206	9.9	151735.7	-5459.4	6296	10.3	152742.4	-5440.8
6117	10.3	150636.0	-5459.2	6207	11.3	151738.5	-5428.6	6297	9.0	152745.2	-5405.0
6118	9.8	150651.8	-5407.2	6208	9.9	151739.0	-5452.4	6298	10.5	152748.0	-5413.0
6119	9.7	150653.5	-5443.1	6209	10.8	151741.8	-5444.4	6299	8.4	152748.8	-5403.0
6120	11.0	150657.7	-5404.1	6210	11.5	151746.4	-5408.7	6300	9.6	152753.8	-5455.6
6121	10.0	150659.0	-5408.1	6211	11.3	151748.0	-5402.7	6301	10.3	152801.9	-5459.6
6122	9.9	150701.0	-5419.1	6212	8.9	151806.0	-5453.4	6302	10.3	152830.0	-5433.0
6123	10.3	150711.5	-5407.1	6213	11.3	151818.5	-5409.7	6303	7.6	152832.0	-5406.0
6124	10.5	150729.1	-5437.1	6214	11.3	151833.5	-5408.7	6304	10.8	152840.1	-5419.0
6125	10.5	150731.5	-5459.2	6215	9.6	151836.1	-5458.4	6305	10.0	152842.5	-5404.0
6126	10.8	150743.0	-5408.5	6216	10.3	151840.2	-5448.4	6306	8.7	152852.7	-5447.6
6307	9.9	152854.8	-5445.6								
6308	10.0	152900.4	-5448.6								
6309	10.8	152904.6	-5405.0								
6310	10.0	152913.9	-5438.0								
6311	10.5	152919.5	-5412.0								
6312	10.5	152920.3	-5455.6								
6313	9.3	152938.2	-5456.6								
6314	10.8	152939.2	-5452.6								
6315	10.8	152940.5	-5433.0								
6316	10.3	152942.0	-5444.3								
6317	10.5	153002.1	-5423.0								
6318	9.8	153018.6	-5415.0								
6319	9.7	153028.5	-5426.0								
6320	10.3	153039.2	-5455.6								
6321	10.5	153044.2	-5415.0								
6322	10.5	153046.2	-5418.0								
6323	9.9	153050.5	-5453.6								
6324	10.3	153056.0	-5409.0								
6325	10.3	153056.1	-5422.0								
6326	10.3	153100.1	-5421.1								
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6486 10.3 154919.5 -5412.9	6576 9.2 160132.3 -5401.3	6666 9.8 160850.6 -5419.5	6756 11.0 161532.1 -5415.7

-54 6757 16h15m

-54 7116 16h54m

6757	10.8	161538.9	-5443.7	6847	10.8	162528.2	-5405.9	6937	9.7	163351.9	-5442.9
6758	10.0	161539.5	-5423.7	6848	9.8	162529.2	-5433.9	6938	10.5	163401.4	-5417.1
6759	8.9	161542.8	-5455.7	6849	11.0	162535.4	-5443.7	6939	10.8	163407.4	-5401.1
6760	11.0	161547.2	-5422.7	6850	9.8	162541.3	-5454.7	6940	10.5	163411.5	-5415.1
6761	11.0	161549.3	-5423.7	6851	8.7	162548.0	-5400.9	6941	11.0	163413.4	-5410.1
6762	10.5	161614.1	-5435.7	6852	10.5	162552.4	-5446.7	6942	10.5	163417.3	-5403.1
6763	9.6	161615.9	-5454.7	6853	11.0	162556.5	-5451.7	6943	10.3	163424.4	-5456.4
6764	9.8	161624.8	-5408.7	6854	11.0	162559.8	-5403.9	6944	10.0	163426.5	-5455.4
6765	10.5	161632.2	-5420.7	6855	10.8	162602.8	-5459.7	6945	9.6	163431.0	-5401.1
6766	10.5	161636.5	-5423.7	6856	10.5	162618.3	-5446.7	6946	11.0	163438.2	-5420.1
6767	9.9	161637.0	-5429.7	6857	9.1	162618.4	-5436.9	6947	9.6	163443.4	-5437.1
6768	10.3	161643.9	-5407.7	6858	7.5	162654.0	-5443.8	6948	9.6	163447.0	-5446.4
6769	11.0	161647.7	-5435.7	6859	10.0	162704.0	-5430.9	6949	11.0	163508.5	-5437.1
6770	10.3	161653.2	-5406.7	6860	10.5	162706.8	-5450.7	6950	11.0	163521.3	-5415.1
6771	10.5	161654.7	-5452.7	6861	8.9	162717.8	-5436.9	6951	9.7	163524.6	-5442.8
6772	10.8	161700.0	-5410.7	6862	10.3	162724.4	-5447.7	6952	10.5	163528.1	-5440.4
6773	9.8	161705.8	-5456.7	6863	11.0	162738.0	-5416.9	6953	10.5	163528.3	-5434.1
6774	7.5	161707.8	-5440.7	6864	7.9	162745.7	-5435.9	6954	10.5	163534.1	-5404.1
6775	9.6	161724.5	-5452.7	6865	10.5	162750.8	-5451.7	6955	11.0	163534.8	-5439.1
6776	10.3	161725.8	-5413.7	6866	10.0	162803.8	-5405.9	6956	11.0	163556.5	-5430.1
6777	9.1	161735.6	-5449.7	6867	9.3	162808.4	-5433.9	6957	10.8	163613.3	-5444.1
6778	9.9	161749.5	-5405.7	6868	11.0	162809.9	-5411.9	6958	10.8	163616.5	-5442.1
6779	10.3	161753.0	-5429.7	6869	10.8	162816.0	-5434.9	6959	8.7	163629.5	-5402.1
6780	11.0	161801.5	-5442.7	6870	11.0	162817.5	-5431.9	6960	10.3	163631.4	-5409.1
6781	11.0	161806.0	-5410.7	6871	10.5	162827.8	-5451.7	6961	11.0	163644.0	-5429.1
6782	10.0	161814.9	-5418.7	6872	10.3	162827.8	-5458.7	6962	11.0	163652.2	-5408.1
6783	10.3	161822.3	-5433.7	6873	10.5	162836.9	-5459.7	6963	10.8	163659.7	-5439.1
6784	10.3	161826.1	-5418.7	6874	10.5	162856.4	-5437.0	6964	10.8	163707.3	-5430.1
6785	9.5	161830.4	-5448.7	6875	9.7	162912.6	-5440.8	6965	10.8	163717.3	-5431.1
6786	10.0	161830.4	-5439.7	6876	9.7	162914.9	-5442.8	6966	10.0	163717.3	-5414.1
6787	10.0	161831.8	-5430.7	6877	9.0	162915.9	-5427.0	6967	10.3	163728.8	-5450.4
6788	9.7	161831.9	-5442.7	6878	10.5	162919.9	-5428.0	6968	11.0	163732.1	-5425.1
6789	10.8	161856.5	-5430.7	6879	11.0	162921.9	-5406.0	6969	9.7	163741.1	-5433.1
6790	11.0	161901.2	-5443.8	6880	10.3	162932.3	-5433.0	6970	11.0	163742.2	-5434.1
6791	10.3	161914.4	-5421.8	6881	10.0	162944.1	-5445.7	6971	10.3	163746.1	-5445.4
6792	8.8	161917.2	-5443.8	6882	9.6	162945.8	-5420.0	6972	10.8	163747.6	-5406.1
6793	10.3	161918.1	-5408.8	6883	11.0	162951.5	-5433.0	6973	10.0	163751.0	-5412.2
6794	8.8	161922.8	-5416.8	6884	10.0	162952.4	-5445.7	6974	10.5	163759.6	-5419.2
6795	10.5	161941.7	-5412.8	6885	10.3	162954.5	-5400.0	6975	10.5	163805.9	-5448.4
6796	10.8	161944.1	-5459.7	6886	10.5	162957.7	-5443.4	6976	10.8	163809.4	-5443.3
6797	10.8	161959.3	-5406.8	6887	10.0	162959.1	-5446.7	6977	10.0	163811.9	-5454.4
6798	11.0	162002.4	-5408.8	6888	10.5	162959.8	-5419.0	6978	10.8	163824.1	-5401.2
6799	9.2	162013.8	-5457.7	6889	11.0	163001.7	-5416.0	6979	11.0	163826.2	-5419.2
6800	10.5	162016.7	-5412.8	6890	11.0	163006.0	-5414.0	6980	10.5	163832.9	-5412.2
6801	10.8	162017.9	-5440.7	6891	11.0	163007.7	-5402.0	6981	11.0	163839.1	-5408.2
6802	10.0	162020.5	-5441.2	6892	10.0	163007.7	-5451.7	6982	10.5	163841.6	-5411.2
6803	9.1	162039.9	-5452.7	6893	10.8	163009.0	-5408.0	6983	8.6	163846.0	-5418.2
6804	10.0	162041.3	-5433.8	6894	10.8	163010.6	-5401.0	6984	10.3	163850.0	-5453.4
6805	10.3	162046.0	-5422.8	6895	10.5	163028.8	-5405.0	6985	10.0	163853.6	-5455.4
6806	10.5	162047.0	-5401.2	6896	10.5	163031.5	-5432.0	6986	9.6	163905.5	-5427.2
6807	10.5	162048.0	-5400.8	6897	11.0	163045.8	-5413.0	6987	9.8	163920.6	-5414.2
6808	9.5	162102.6	-5435.8	6898	9.7	163057.9	-5451.7	6988	8.7	163925.7	-5413.2
6809	11.0	162118.1	-5452.7	6899	10.8	163058.4	-5413.0	6989	10.5	163927.7	-5402.2
6810	10.0	162122.2	-5459.7	6900	9.2	163102.8	-5445.0	6990	10.0	163940.2	-5452.4
6811	11.0	162125.4	-5416.8	6901	9.2	163103.2	-5444.7	6991	11.0	163948.9	-5409.2
6812	10.8	162139.6	-5422.8	6902	10.3	163110.6	-5454.7	6992	8.8	163958.8	-5415.2
6813	10.5	162141.1	-5423.8	6903	10.0	163113.6	-5452.7	6993	10.3	163958.8	-5416.2
6814	8.3	162143.4	-5447.7	6904	10.0	163123.7	-5444.7	6994	11.0	164002.9	-5433.2
6815	11.0	162151.3	-5409.8	6905	10.0	163130.4	-5459.7	6995	10.3	164006.3	-5459.4
6816	10.8	162154.1	-5406.8	6906	10.0	163130.6	-5446.7	6996	11.0	164027.9	-5426.2
6817	11.0	162155.9	-5425.8	6907	10.8	163130.8	-5424.0	6997	11.0	164039.3	-5404.2
6818	10.0	162205.6	-5443.2	6908	10.5	163131.5	-5403.0	6998	9.0	164043.0	-5442.8
6819	9.7	162230.3	-5459.7	6909	10.0	163135.5	-5451.7	6999	10.3	164054.3	-5437.2
6820	10.5	162232.0	-5453.7	6910	7.7	163143.8	-5439.0	7000	9.0	164058.5	-5431.2
6821	8.7	162255.8	-5435.8	6911	7.8	163147.3	-5430.0	7001	9.6	164059.9	-5421.2
6822	10.5	162302.0	-5420.8	6912	11.0	163154.9	-5423.0	7002	11.0	164104.0	-5412.2
6823	11.0	162305.9	-5430.8	6913	11.0	163155.7	-5430.0	7003	10.8	164112.3	-5429.2
6824	11.0	162307.4	-5413.8	6914	10.3	163206.4	-5439.7	7004	9.6	164117.1	-5428.2
6825	9.5	162328.7	-5447.7	6915	9.7	163209.6	-5451.7	7005	10.5	164123.4	-5417.2
6826	9.3	162345.5	-5456.7	6916	8.3	163218.8	-5454.7	7006	10.0	164126.6	-5400.2
6827	10.5	162350.3	-5416.9	6917	10.3	163220.5	-5407.0	7007	10.5	164127.9	-5406.2
6828	10.3	162351.3	-5410.9	6918	10.5	163226.0	-5406.0	7008	10.8	164129.1	-5400.2
6829	10.8	162356.4	-5438.9	6919	11.0	163227.3	-5416.0	7009	9.6	164129.6	-5424.2
6830	11.0	162404.4	-5413.9	6920	11.0	163236.4	-5413.0	7010	10.0	164138.5	-5418.2
6831	11.0	162405.9	-5425.9	6921	11.0	163243.5	-5404.0	7011	10.0	164149.7	-5407.2
6832	10.3	162407.7	-5410.9	6922	10.3	163246.4	-5454.7	7012	10.0	164151.4	-5448.4
6833	9.9	162409.0	-5459.7	6923	10.8	163250.5	-5426.0	7013	9.8	164209.8	-5400.2
6834	10.3	162411.3	-5432.9	6924	11.0	163256.7	-5407.1	7014	8.3	164223.3	-5439.2
6835	10.5	162414.5	-5434.9	6925	8.4	163305.4	-5432.1	7015	9.8	164236.5	-5420.2
6836	10.3	162415.5	-5449.7	6926	10.5	163308.4	-5452.7	7016	10.3	164252.5	-5448.4
6837	10.3	162432.6	-5416.9	6927	10.0	163312.0	-5459.7	7017	10.5	164255.0	-5445.4
6838	10.5	162435.2	-5426.9	6928	10.8	163315.1	-5414.1	7018	7.9	164322.5	-5404.4
6839	10.5	162452.1	-5438.9	6929	11.0	163319.0	-5436.1	7019	10.0	164325.3	-5415.8
6840	10.5	162458.2	-5459.7	6930	10.0	163322.6	-5455.7	7020	11.3	164326.7	-5405.4
6841	11.0	162508.4	-5419.9	6931	10.0	163325.0	-5450.7	7021	9.8	164337.9	-5422.0
6842	10.5	162509.7	-5434.9	6932	10.8	163325.1	-5438.1	7022	7.9	164344.6	-5451.7
6843	10.3	162518.0	-5429.9	6933	8.7	163326.8	-5402.1	7023	8.0	164345.8	-5408.8
6844	11.0	162519.0	-5443.7	6934	10.5	163330.4	-5417.1	7024	10.0	164349.6	-5447.7
6845	11.0	162519.3	-5439.9	6935	10.8	163348.4	-5407.1	7025	9.6	164350.4	-5434.6
6846	11.0	162523.2	-5421.9	6936	11.0	163350.3	-5424.1	7026	10.0	164351.3	-5455.7
7027	10.0	164356.4	-5452.7								
7028	7.2	164357.4	-5413.8								
7029	10.3	164359.5	-5417.3								
7030	10.0	164416.8	-5447.7								
7031	10.5	164430.4	-5434.6								
7032	11.0	164442.0	-5425.6								
7033	10.5	164444.2	-5403.8								
7034	10.5	164500.0	-5406.4								
7035	10.0	164502.8	-5448.7								
7036	10.5	164502.9	-5407.4								
7037	9.7	164509.0	-5401.3								
7038	10.3	164513.2	-5441.2								
7039	9.4	164531.2	-5421.6								
7040	9.8	164531.6	-5444.2								
7041	10.0	164547.4	-5431.4								
7042	10.0	164548.5	-5404.3								
7043	10.0	164554.4	-5414.4								
7044	10.3	164555.6	-5410.8								
7045	10.5	164556.2	-5426.4								
7046	10.0	164556.2	-5428.4								
7047	9.9	164556.9	-5457.7								
7048	10.5	164613.3	-5411.4								
7049	9.8	164620.1	-5442.7								
7050	10.0	164628.0	-5439.4								
7051	9.2	164633.8	-5405.8								
7052	10.3	164647.0	-5439.2								
7053	9.0	164652.7	-5412.8								
7054	10.5	164654.5	-5427.4								
7055	10.0	164702.6	-5444.7								
7056	10.0	164708.4	-5454.8								
7057	10.0	164713.6	-5400.3								
7058	9.8	164715.2	-5403.8								
7059	10.0	164717.1	-5419.3								
7060	10.0	164726.5	-5431.4								
7061	9.4	164739.4	-5440.0								
7062	10.0	164753.1	-5437.2								
7063	10.3	164757.6	-5412.3								
7064	10.0	164758.9	-5449.8								
7065	9.8	164830.4	-5428.8								
7066	10.3	164833.1	-5433.9								
7067	9.9	164835.7	-5450.8								
7068	9.8	164841.8	-5443.8								
7069	10.5	164855.0	-5440.6								
7070	9.8	164858.2	-5422.3								
7071	9.6	164902.4	-5420.5								
7072	10.0	164908.9	-5441.8								
7073	7.9	164909.9	-5440.3								
7074	9.8	164922.6	-5433.3								
7075	9.8	164928.7	-5423.0								
7076	10.3	164937.6	-5408.5								
7077	10.5	164938.0	-5434.4								
7078	10.0	164943.4	-5416.5								
7079	9.6	164946.6	-5417.5								
7080	6.6	164958.4	-5423.8								
7081	10.0	165000.3	-5444.8								
7082	10.0	165000.3	-5446.8								
7083	8.4	165000.3	-5454.8								
7084	9.6	165002.4	-5410.0								
7085	11.0	165030.2	-5417.6								
7086	9.5	165048.3	-5447.9								
7087	11.0	165050.2	-5424.6								
7088	9.7	165056.8	-5407.6								
7089	9.5	165057.9	-5446.4								
7090	9.2	165058.8	-5442.8								
7091	9.8	165100.3	-5438.6								
7092	10.5	165128.8	-5402.6								
7093	10.5	165141.0	-5412.6								
7094	10.0	165144.2	-5434.4								
7095	11.0	165148.0	-5425.8								
7096	9.8	165153.0	-5404.6								
7097	9.1	165156.8	-5444.0								
7098	10.3	165201.0	-5402.6								
7099	10.3	165217.0	-5412.6								
7100	9.2	165220.0	-5452.9								
7101	9.8	165223.8	-5413.6								
7102	9.4	165232.8	-5442.6								
7103	10.0	165233.0	-5418.6								
7104	7.7	165236.0	-5421.9								
7105	9.8	165238.9	-5443.6								
7106	9.9	165238.9	-5441.9								
7107	10.3	165311.2	-5413.8								
7108	10.0	165313.9	-5412.6								
7109	11.0	165314.7	-5405.8								
7110	9.7	165321.7	-5437.5								
7111	8.8	165323.8	-5410.2								
7112	10.0	165325.1	-5417.5								
7113	10.3	165329.2	-5420.0								
7114	9.5	165342.4	-5445.2								
7115	10.3	165432.2	-5433.5								
7116	10.0	165439.4	-5454.0								

7117	11.0	165442.8	-5428.5	7207	10.8	170604.8	-5435.2	7297	9.7	171558.3	-5455.6
7118	11.0	165455.8	-5413.8	7208	11.0	170607.8	-5422.2	7298	10.8	171627.2	-5423.6
7119	10.0	165501.4	-5437.6	7209	10.5	170613.7	-5430.2	7299	10.5	171628.2	-5446.6
7120	10.5	165509.7	-5423.8	7210	9.8	170625.1	-5448.3	7300	10.8	171629.2	-5402.6
7121	9.6	165510.6	-5425.6	7211	11.0	170627.6	-5429.2	7301	10.5	171655.7	-5434.6
7122	10.0	165511.3	-5447.4	7212	10.0	170629.5	-5445.3	7302	10.5	171657.8	-5445.6
7123	9.8	165513.9	-5431.8	7213	10.0	170629.5	-5416.2	7303	10.5	171639.0	-5441.6
7124	10.5	165518.0	-5440.6	7214	8.2	170643.7	-5438.2	7304	10.0	171640.9	-5448.6
7125	9.8	165529.7	-5406.7	7215	10.0	170652.1	-5452.3	7305	10.0	171703.1	-5445.6
7126	9.8	165540.4	-5415.2	7216	11.0	170654.0	-5415.2	7306	10.5	171706.0	-5428.6
7127	10.0	165556.5	-5422.6	7217	10.0	170702.1	-5451.3	7307	10.5	171706.5	-5438.6
7128	9.6	165607.0	-5409.8	7218	9.6	170702.4	-5457.3	7308	10.3	171708.3	-5406.6
7129	9.8	165617.6	-5401.8	7219	11.0	170707.6	-5435.2	7309	10.3	171711.7	-5412.6
7130	11.0	165618.6	-5428.9	7220	10.0	170710.6	-5455.3	7310	9.7	171714.5	-5435.6
7131	10.0	165624.2	-5454.0	7221	8.6	170728.7	-5443.8	7311	9.6	171714.8	-5448.6
7132	10.3	165641.3	-5436.6	7222	9.5	170730.1	-5453.3	7312	10.0	171721.9	-5400.6
7133	10.5	165650.1	-5426.6	7223	9.3	170730.1	-5459.3	7313	10.0	171724.0	-5401.6
7134	9.8	165710.3	-5449.6	7224	11.0	170742.8	-5429.2	7314	9.0	171728.4	-5422.6
7135	10.0	165732.2	-5424.6	7225	10.8	170747.8	-5423.2	7315	8.1	171736.3	-5425.6
7136	10.0	165742.0	-5401.8	7226	10.0	170755.1	-5455.3	7316	10.0	171736.3	-5457.6
7137	10.0	165801.9	-5452.0	7227	9.7	170757.2	-5404.2	7317	10.0	171741.6	-5442.6
7138	10.3	165816.4	-5444.4	7228	10.0	170757.2	-5403.2	7318	10.3	171745.7	-5434.6
7139	11.0	165820.8	-5428.6	7229	10.3	170801.9	-5403.2	7319	10.5	171757.4	-5453.6
7140	10.5	165821.4	-5424.6	7230	9.3	170805.4	-5401.2	7320	10.8	171757.7	-5433.6
7141	10.0	165830.6	-5454.1	7231	11.0	170815.8	-5405.2	7321	10.0	171809.3	-5449.6
7142	11.0	165831.4	-5409.9	7232	9.9	170820.1	-5451.8	7322	11.0	171818.8	-5404.6
7143	10.5	165839.0	-5409.8	7233	10.8	170827.7	-5420.2	7323	9.0	171827.9	-5428.6
7144	10.0	165908.8	-5419.9	7234	11.0	170832.3	-5438.3	7324	11.0	171836.9	-5405.6
7145	11.0	165913.1	-5430.9	7235	11.0	170842.8	-5421.3	7325	10.8	171841.2	-5421.6
7146	10.0	165921.1	-5417.8	7236	9.6	170845.3	-5413.3	7326	11.0	171842.3	-5410.6
7147	10.0	165923.5	-5445.1	7237	10.8	170848.8	-5443.3	7327	11.0	171844.1	-5418.6
7148	8.5	165935.4	-5410.4	7238	10.0	170849.2	-5453.3	7328	11.0	171902.2	-5432.6
7149	10.0	165939.1	-5454.1	7239	10.5	170850.4	-5444.3	7329	10.8	171905.1	-5428.6
7150	10.0	165948.3	-5439.7	7240	11.0	170858.7	-5428.3	7330	10.5	171919.7	-5432.6
7151	9.8	170000.6	-5434.8	7241	10.5	170908.5	-5439.3	7331	10.0	171920.4	-5453.7
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7153	9.8	170008.2	-5437.8	7243	7.4	170911.9	-5458.3	7333	10.5	171923.1	-5406.6
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7157	10.0	170024.0	-5411.0	7247	9.7	170940.5	-5444.8	7337	11.0	171946.1	-5426.6
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7166	11.0	170126.5	-5404.0	7256	10.0	171053.5	-5457.4	7346	10.3	172031.0	-5439.6
7167	10.0	170127.0	-5449.1	7257	10.8	171102.6	-5425.4	7347	10.3	172034.3	-5403.6
7168	10.5	170139.6	-5440.8	7258	9.1	171136.6	-5406.4	7348	10.3	172035.2	-5433.6
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7393	10.3	172608.4	-5443.2								
7394	10.0	172635.7	-5459.8								
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-54 7477 17h36m

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-54 7836 18h19m

-54 7837 18h19m

-54 8196 19h02m

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7918 10.0 183007.2 -5434.5	8008 10.0 183935.8 -5447.9	8098 10.0 185000.1 -5402.2	8188 11.0 190208.2 -5448.5
7919 9.0 183016.3 -5451.6	8009 8.6 183939.0 -5439.9	8099 10.0 185009.2 -5408.0	8189 10.0 190209.5 -5433.6
7920 9.2 183025.7 -5445.5	8010 9.3 183941.8 -5453.6	8100 9.8 185018.2 -5433.5	8190 10.3 190217.5 -5457.9
7921 9.8 183027.8 -5447.8	8011 10.0 183949.4 -5403.8	8101 10.0 185021.9 -5459.8	8191 10.0 190224.3 -5411.6
7922 10.8 183035.8 -5459.3	8012 8.1 183952.9 -5435.8	8102 10.0 185030.2 -5413.2	8192 10.0 190227.0 -5418.6
7923 10.0 183049.3 -5414.5	8013 10.0 183955.0 -5400.8	8103 9.9 185056.1 -5435.6	8193 8.3 190248.7 -5441.1
7924 10.0 183057.8 -5417.3	8014 8.0 184000.6 -5429.8	8104 10.0 185123.2 -5455.8	8194 10.0 190250.3 -5454.5
7925 10.0 183104.4 -5417.3	8015 10.0 184003.0 -5419.8	8105 10.0 185127.7 -5452.8	8195 9.6 190252.6 -5427.4
7926 10.0 183117.1 -5408.5	8016 10.0 184014.8 -5418.9	8106 10.0 185135.2 -5448.8	8196 9.9 190259.6 -5426.6

-54 8197 19h03m

-54 8556 19h56m

8197	8.8	190302.0	-5442.4	8287	9.6	191515.0	-5438.1	8377	11.0	192825.9	-5402.2	8467	10.3	194258.0	-5435.4
8198	9.7	190324.5	-5426.6	8288	9.5	191521.5	-5407.2	8378	11.0	192826.6	-5458.5	8468	11.0	194319.8	-5434.4
8199	10.0	190326.0	-5436.6	8289	11.0	191528.0	-5436.1	8379	9.9	192832.6	-5425.2	8469	9.7	194333.0	-5447.9
8200	10.3	190326.8	-5450.8	8290	10.0	191531.2	-5453.6	8380	9.5	192835.5	-5452.8	8470	8.3	194346.5	-5414.6
8201	9.4	190345.0	-5456.6	8291	9.3	191535.6	-5412.0	8381	10.8	192848.5	-5458.8	8471	11.3	194355.5	-5403.8
8202	10.3	190349.5	-5449.5	8292	9.3	191539.6	-5404.3	8382	10.5	192850.6	-5438.2	8472	7.6	194359.1	-5440.8
8203	10.5	190351.6	-5445.3	8293	9.4	191551.9	-5401.1	8383	9.9	192906.5	-5424.0	8473	9.4	194402.9	-5427.4
8204	10.5	190359.6	-5448.5	8294	8.5	191552.7	-5420.0	8384	9.9	192911.2	-5424.2	8474	10.8	194419.8	-5425.6
8205	10.0	190416.5	-5432.7	8295	11.3	191605.8	-5437.1	8385	10.5	192918.3	-5425.2	8475	9.7	194441.5	-5447.9
8206	10.3	190422.0	-5456.8	8296	10.5	191611.6	-5439.2	8386	10.8	192939.9	-5458.8	8476	9.6	194442.2	-5446.0
8207	10.0	190424.0	-5422.7	8297	11.0	191623.0	-5410.2	8387	10.8	192952.6	-5458.8	8477	11.0	194458.0	-5413.0
8208	10.0	190426.5	-5417.7	8298	9.8	191634.6	-5450.6	8388	9.7	192953.9	-5406.2	8478	10.3	194500.3	-5426.2
8209	11.0	190429.7	-5453.8	8299	9.9	191645.6	-5450.7	8389	10.5	193000.0	-5432.2	8479	10.5	194509.0	-5413.4
8210	10.5	190445.7	-5445.5	8300	11.0	191649.6	-5418.0	8390	10.0	193001.4	-5400.0	8480	10.3	194513.2	-5427.2
8211	10.0	190446.1	-5435.7	8301	9.4	191652.5	-5436.0	8391	9.9	193008.5	-5444.8	8481	11.5	194517.8	-5419.4
8212	9.2	190452.0	-5412.8	8302	10.8	191655.7	-5413.1	8392	10.5	193013.8	-5402.6	8482	7.9	194540.4	-5416.4
8213	10.0	190500.2	-5433.2	8303	10.3	191720.2	-5423.1	8393	6.3	193019.0	-5441.9	8483	10.8	194549.7	-5439.4
8214	10.0	190504.9	-5412.0	8304	11.0	191721.2	-5421.1	8394	11.0	193043.2	-5455.8	8484	10.8	194555.8	-5418.4
8215	9.9	190511.0	-5421.0	8305	10.3	191725.6	-5422.2	8395	10.8	193043.7	-5433.2	8485	10.3	194559.8	-5450.7
8216	10.0	190526.4	-5438.2	8306	8.3	191737.7	-5434.8	8396	7.5	193045.0	-5429.8	8486	11.3	194602.2	-5404.8
8217	10.0	190528.7	-5400.2	8307	10.0	191739.6	-5439.6	8397	10.5	193113.9	-5455.0	8487	10.8	194603.2	-5455.7
8218	10.3	190536.6	-5444.2	8308	6.3	191745.6	-5434.2	8398	11.5	193119.3	-5442.8	8488	11.3	194610.7	-5444.6
8219	10.0	190539.8	-5447.5	8309	10.5	191809.8	-5410.1	8399	11.3	193126.7	-5458.8	8489	10.0	194619.8	-5418.4
8220	8.8	190540.6	-5404.1	8310	10.3	191812.6	-5432.1	8400	9.5	193128.5	-5422.0	8490	10.8	194624.8	-5438.6
8221	10.0	190540.9	-5442.4	8311	11.0	191825.2	-5429.1	8401	11.0	193132.8	-5451.8	8491	9.5	194624.8	-5425.4
8222	9.8	190543.8	-5425.2	8312	10.5	191827.0	-5412.1	8402	10.5	193148.9	-5402.2	8492	10.5	194625.8	-5433.6
8223	10.8	190549.0	-5416.7	8313	10.8	191830.7	-5424.1	8403	10.8	193154.7	-5419.2	8493	9.4	194629.7	-5419.4
8224	9.6	190609.8	-5452.9	8314	11.0	191835.7	-5422.1	8404	11.3	193220.0	-5410.2	8494	9.1	194631.8	-5427.4
8225	10.5	190615.1	-5453.5	8315	10.5	191850.1	-5438.1	8405	11.3	193234.3	-5435.2	8495	11.5	194653.9	-5403.4
8226	10.8	190627.5	-5407.6	8316	10.5	191858.9	-5435.1	8406	11.5	193234.8	-5425.2	8496	8.2	194724.9	-5434.0
8227	9.5	190635.5	-5438.8	8317	11.0	191902.6	-5428.1	8407	11.0	193243.8	-5406.0	8497	11.5	194759.8	-5428.4
8228	10.8	190637.4	-5410.1	8318	8.7	191911.9	-5412.0	8408	11.5	193252.4	-5415.2	8498	9.6	194800.9	-5431.4
8229	10.8	190638.9	-5442.3	8319	11.0	191942.8	-5430.1	8409	11.0	193256.0	-5416.0	8499	11.3	194816.8	-5456.9
8230	9.8	190653.7	-5442.3	8320	10.0	191944.6	-5452.8	8410	10.3	193300.0	-5434.8	8500	10.5	194818.0	-5422.8
8231	9.2	190656.4	-5450.4	8321	10.8	191949.7	-5437.0	8411	11.0	193306.7	-5445.8	8501	10.5	194831.0	-5402.2
8232	10.3	190659.6	-5455.8	8322	10.0	191951.0	-5454.8	8412	11.0	193307.9	-5452.8	8502	11.0	194832.8	-5450.7
8233	11.0	190713.6	-5454.2	8323	11.0	192006.9	-5400.1	8413	9.7	193311.3	-5449.8	8503	8.3	194845.3	-5422.5
8234	10.8	190730.7	-5401.2	8324	10.0	192008.3	-5459.6	8414	10.0	193319.5	-5411.2	8504	8.5	194854.1	-5408.5
8235	10.0	190739.0	-5453.4	8325	10.0	192014.1	-5446.6	8415	7.9	193326.9	-5405.2	8505	9.6	194859.9	-5425.5
8236	10.8	190741.5	-5405.1	8326	9.5	192019.5	-5417.0	8416	11.0	193354.4	-5411.3	8506	9.0	194901.1	-5404.6
8237	10.5	190746.0	-5453.4	8327	9.8	192020.6	-5447.8	8417	10.0	193402.9	-5436.3	8507	11.0	194949.0	-5406.5
8238	8.3	190746.2	-5425.1	8328	11.0	192024.0	-5418.1	8418	11.3	193403.6	-5430.3	8508	11.3	194949.2	-5448.8
8239	9.6	190746.3	-5454.4	8329	9.7	192025.0	-5459.0	8419	11.5	193409.8	-5442.8	8509	9.7	194954.8	-5453.0
8240	11.0	190753.8	-5439.1	8330	10.3	192025.4	-5443.8	8420	11.0	193421.0	-5405.3	8510	11.5	194959.5	-5424.5
8241	9.6	190757.9	-5448.8	8331	11.0	192025.6	-5403.0	8421	11.0	193424.5	-5457.9	8511	11.3	195003.9	-5407.8
8242	11.0	190802.6	-5437.1	8332	9.7	192049.9	-5454.7	8422	11.5	193426.4	-5418.3	8512	11.0	195008.5	-5459.5
8243	10.8	190807.2	-5413.1	8333	9.4	192124.9	-5450.7	8423	9.6	193444.7	-5443.0	8513	10.8	195012.0	-5432.5
8244	9.9	190820.9	-5443.9	8334	11.0	192125.6	-5406.1	8424	11.0	193500.0	-5414.3	8514	11.3	195018.1	-5400.7
8245	10.5	190830.6	-5415.2	8335	9.7	192139.0	-5432.0	8425	10.8	193601.4	-5457.9	8515	11.5	195019.0	-5426.5
8246	11.0	190834.1	-5457.4	8336	10.0	192139.9	-5449.7	8426	8.2	193602.5	-5417.1	8516	11.5	195023.0	-5409.7
8247	11.3	190853.8	-5424.1	8337	11.5	192140.0	-5438.1	8427	10.8	193605.8	-5453.9	8517	11.0	195025.1	-5446.8
8248	9.3	190921.8	-5457.0	8338	11.0	192143.3	-5421.8	8428	11.0	193619.8	-5438.3	8518	11.0	195049.7	-5420.3
8249	8.3	190951.0	-5441.0	8339	7.6	192157.4	-5425.5	8429	11.5	193626.1	-5422.0	8519	9.5	195050.5	-5409.2
8250	10.8	191011.7	-5412.3	8340	9.8	192201.8	-5413.1	8430	11.5	193629.1	-5420.3	8520	10.8	195107.1	-5417.3
8251	9.9	191019.6	-5450.5	8341	9.3	192209.5	-5456.2	8431	11.5	193642.0	-5430.2	8521	11.5	195121.1	-5442.8
8252	9.9	191033.0	-5453.2	8342	10.3	192209.7	-5439.8	8432	9.4	193649.4	-5452.9	8522	10.3	195140.4	-5422.1
8253	10.8	191037.4	-5424.1	8343	10.5	192217.6	-5427.1	8433	9.4	193652.8	-5415.0	8523	11.5	195145.6	-5452.8
8254	10.3	191038.0	-5451.5	8344	10.5	192239.0	-5435.8	8434	11.0	193715.4	-5449.9	8524	11.5	195149.4	-5454.8
8255	10.5	191049.1	-5405.1	8345	10.8	192257.8	-5430.0	8435	9.8	193721.2	-5435.0	8525	11.5	195238.2	-5445.5
8256	9.5	191054.1	-5423.2	8346	8.5	192304.6	-5447.2	8436	10.8	193732.1	-5413.3	8526	10.3	195246.0	-5441.2
8257	10.0	191055.6	-5448.8	8347	10.0	192318.8	-5400.1	8437	9.5	193738.7	-5403.1	8527	11.0	195247.7	-5438.5
8258	9.9	191058.5	-5424.1	8348	10.8	192320.4	-5410.2	8438	10.8	193747.9	-5457.1	8528	10.3	195251.5	-5426.2
8259	11.5	191103.2	-5431.1	8349	11.0	192323.8	-5429.1	8439	10.8	193822.2	-5409.3	8529	9.1	195316.0	-5427.5
8260	8.3	191115.8	-5448.5	8350	11.0	192331.0	-5428.1	8440	11.0	193841.9	-5437.0	8530	9.1	195319.7	-5438.2
8261	8.1	191138.2	-5424.6	8351	11.0	192358.4	-5459.7	8441	10.8	193844.3	-5407.3	8531	9.6	195329.4	-5417.2
8262	11.0	191207.0	-5404.1	8352	10.5	192401.1	-5403.1	8442	9.3	193851.5	-5423.0	8532	8.4	195330.5	-5452.8
8263	10.3	191207.6	-5450.8	8353	7.9	192419.0	-5447.7	8443	10.8	193853.0	-5422.3	8533	10.3	195330.6	-5459.8
8264	10.5	191210.0	-5431.1	8354	10.5	192421.2	-5412.2	8444	9.6	193921.5	-5452.9	8534	10.5	195337.8	-5435.7
8265	11.0	191218.0	-5436.1	8355	10.8	192425.2	-5404.1	8445	9.3	193929.0	-5449.9	8535	11.0	195340.2	-5454.8
8266	8.7	191240.2	-5450.6	8356	10.8	192441.1	-5443.7	8446	10.8	194002.3	-5446.9	8536	8.5	195421.3	-5430.8
8267	11.0	191241.4	-5415.1	8357	9.5	192459.4	-5423.1	8447	10.0	194016.2	-5427.3	8537	10.0	195422.2	-5450.0
8268	11.0	191244.6	-5419.1	8358	10.8	192501.8	-5424.0	8448	9.8	194018.8	-5422.3	8538	11.0	195430.2	-5408.0
8269	5.5	191245.7	-5439.0	8359	10.8	192521.4	-5427.0	8449	11.5	194029.2	-5410.3	8539	9.4	195436.6	-5420.5
8270	7.2	191252.5	-5445.8	8360	10.5	192527.4	-5408.1	8450	10.3	194035.9	-5417.3	8540	10.5	195447.3	-5413.3
8271	10.0	191318.4	-5446.8	8361	10.8	192531.4	-5410.2	8451	9.6	194036.2	-5425.3	8541	9.8	195451.0	-5438.5
8272	10.8	191330.0	-5402.1	8362	10.8	192538.3	-5446.7	8452	10.5	194041.8	-5442.9	8542	10.5	195456.5	-5422.8
8273	7.3	191335.7	-5411.1	8363	11.0	192555.3	-5435.1	8453	11.5	194042.0	-5445.9	8543	10.5	195459.5	-5428.5
8274	10.5	191344.0	-5407.2	8364	10.8	192617.6	-5446.4	8454	11.0	194042.0	-5425.8	8544	10.0	195507.4	-5430.5
8275	10.8	191344.2	-5424.1	8365	9.9	192639.2	-5455.2	8455	9.6	194045.2	-5400.0	8545	11.0	195509.6	-5440.9
8276	9.7	191344.6	-5416.2	8366	10.0	192647.0	-5437.2	8456	10.8	194046.7	-5450.9	8546	10.8	195510.4	-5411.5
8277	10.3	191353.6	-5433.1	8367	11.5	192656.5	-5453.7	8457	9.1	194056.5	-5426.3	8547	10.3	195513.6	-5430.5
8278	11.0	191402.6	-5417.1	8368	10.3	192700.5	-5402.2	8458	9.9	194110.5	-5449.2	8548	10.3	195529.6	-5411.7
8279	10.5	191406.2	-5439.8	8369	7.8	192712.9	-5426.0	8459	9.3	194122.0	-5432.0	8549	10.8	195535.5	-5450.8
8280	10.0	191408.0	-5440.5	8370	11.0	192721.7	-5438.0	8460	9.9	194141.8	-5412.4	8550	9.8	195552.3	-5400.5
8281	10.0	191414.1	-5456.5	8371	10.5	192725.7	-5424.0	8461	11.0	194150.0	-5411.4	8551	11.3	195605.9	-5446.1
8282	11.3	191427.6	-5431.1	8372	9.8	192732.8	-5411.0	8462	10.0	194151.2	-5455.9	8552	10.8	195609.6	-5400.5
8283	11.0	191431.4	-5428.1	8373	11.0	192733.1	-5413.2	8463	10.3	194231.0	-5413.2	8553	8.3	195626.6	-5409.0
8284	9.0	191456.0	-5444.5	8374	10.5	192734.9	-5408.0	8464	11.5	194235.9	-5430.4	8554	11.0	195631.6	-5415.6
8285	9.3	191500.9	-5435.1	8375	10.8	192747.4	-5400.2	8465	11.5	194239.9	-5418.4	8555	11.0	195631.6	-5402.6
8286	9.5	191509.1	-5439.1	8376	9.9	192800.2	-5443.9	8466	10.3	194247.4	-5435.4	8556	10.8	195631.7	-5452.8

8557	10.0	195836.8	-5459.8	8647	10.5	201307.8	-5401.7	8737	10.3	203032.0	-5429.2
8558	8.0	195646.9	-5426.3	8648	10.8	201348.1	-5406.7	8738	11.5	203032.5	-5403.9
8559	10.5	195649.8	-5414.6	8649	10.0	201421.5	-5402.7	8739	10.3	203047.0	-5436.6
8560	9.0	195656.7	-5404.8	8650	9.9	201425.7	-5440.3	8740	8.5	203102.8	-5426.9
8561	7.8	195713.1	-5432.6	8651	7.7	201430.8	-5456.2	8741	10.8	203120.2	-5419.9
8562	10.8	195738.0	-5413.3	8652	10.3	201434.0	-5420.7	8742	10.3	203130.6	-5426.1
8563	11.0	195741.0	-5414.6	8653	9.8	201448.0	-5434.3	8743	9.9	203151.8	-5428.9
8564	10.0	195746.4	-5451.8	8654	9.2	201455.7	-5425.5	8744	10.8	203157.3	-5439.9
8565	11.5	195755.8	-5433.6	8655	10.0	201456.3	-5440.0	8745	10.3	203208.9	-5445.4
8566	10.5	195806.5	-5432.6	8656	10.0	201508.7	-5453.0	8746	11.0	203210.4	-5412.9
8567	10.0	195806.7	-5453.8	8657	9.1	201545.1	-5419.8	8747	8.5	203223.7	-5459.6
8568	10.3	195811.6	-5444.4	8658	11.0	201547.3	-5440.8	8748	11.0	203231.0	-5415.9
8569	9.7	195817.8	-5437.6	8659	10.8	201549.7	-5405.8	8749	11.0	203233.3	-5425.9
8570	8.7	195842.5	-5440.6	8660	10.5	201551.0	-5438.8	8750	9.7	203259.7	-5449.2
8571	10.8	195843.4	-5412.6	8661	10.0	201603.0	-5450.0	8751	9.3	203259.8	-5410.9
8572	9.6	195859.3	-5433.6	8662	10.5	201607.9	-5403.0	8752	11.0	203304.5	-5431.9
8573	10.0	195902.8	-5454.8	8663	10.5	201612.5	-5406.8	8753	9.1	203306.2	-5440.0
8574	11.0	195908.1	-5428.3	8664	9.8	201623.2	-5422.8	8754	10.8	203311.5	-5436.9
8575	10.3	195911.4	-5435.6	8665	10.8	201623.7	-5432.8	8755	10.8	203322.2	-5419.9
8576	8.0	195919.6	-5439.8	8666	10.0	201645.5	-5456.0	8756	9.4	203326.3	-5416.9
8577	10.8	195930.5	-5426.8	8667	8.3	201704.4	-5413.2	8757	10.0	203354.3	-5444.2
8578	11.5	195931.7	-5420.6	8668	10.0	201707.2	-5440.0	8758	10.0	203356.7	-5447.2
8579	10.0	195937.0	-5457.5	8669	10.0	201711.7	-5454.0	8759	11.5	203407.0	-5420.0
8580	10.0	200003.8	-5449.8	8670	11.3	201730.8	-5415.8	8760	10.8	203410.9	-5430.0
8581	11.5	200030.3	-5416.6	8671	10.3	201739.3	-5424.8	8761	10.3	203422.0	-5408.0
8582	9.9	200039.0	-5401.0	8672	11.0	201742.0	-5419.8	8762	11.0	203422.6	-5405.0
8583	8.7	200042.3	-5424.6	8673	9.7	201744.8	-5435.8	8763	8.2	203456.1	-5417.1
8584	9.8	200053.5	-5446.5	8674	11.0	201748.8	-5428.2	8764	9.7	203500.0	-5418.0
8585	10.3	200056.9	-5407.6	8675	9.9	201805.9	-5420.6	8765	9.8	203506.6	-5443.0
8586	9.1	200154.0	-5456.6	8676	9.0	201810.8	-5450.0	8766	10.0	203509.0	-5443.2
8587	10.0	200205.2	-5446.8	8677	11.5	201811.0	-5404.6	8767	11.0	203537.6	-5412.0
8588	10.0	200208.3	-5415.4	8678	10.3	201817.4	-5409.6	8768	11.3	203554.0	-5428.0
8589	10.3	200211.8	-5444.6	8679	10.3	201820.1	-5416.6	8769	9.9	203608.6	-5434.8
8590	10.0	200215.2	-5459.8	8680	8.5	201832.4	-5442.4	8770	10.0	203618.1	-5447.2
8591	8.0	200217.8	-5413.0	8681	11.0	201839.2	-5413.6	8771	10.0	203619.5	-5445.2
8592	10.8	200226.6	-5426.6	8682	9.5	201901.4	-5445.2	8772	9.7	203623.4	-5427.0
8593	10.8	200301.8	-5434.6	8683	11.0	201916.4	-5406.6	8773	11.0	203630.9	-5416.0
8594	10.8	200307.8	-5400.6	8684	10.5	201920.4	-5427.3	8774	11.0	203635.8	-5416.0
8595	11.3	200312.1	-5411.6	8685	11.5	201938.3	-5438.6	8775	11.0	203708.3	-5408.0
8596	11.3	200313.8	-5405.6	8686	9.8	201943.1	-5417.6	8776	9.5	203724.7	-5448.2
8597	10.5	200319.5	-5419.6	8687	10.5	202002.7	-5429.3	8777	10.0	203736.9	-5457.7
8598	10.8	200348.1	-5420.7	8688	8.6	202004.9	-5419.6	8778	9.6	203746.7	-5456.7
8599	9.2	200349.0	-5457.8	8689	10.5	202010.8	-5403.8	8779	11.5	203757.6	-5415.0
8600	10.5	200358.0	-5404.4	8690	10.8	202013.9	-5431.6	8780	11.0	203759.9	-5420.0
8601	8.9	200415.5	-5437.7	8691	9.5	202025.8	-5459.0	8781	9.8	203805.2	-5411.3
8602	10.0	200424.5	-5445.8	8692	10.0	202027.4	-5451.0	8782	11.0	203830.3	-5439.1
8603	10.5	200424.8	-5412.5	8693	10.0	202044.0	-5457.0	8783	10.8	203843.1	-5435.1
8604	10.0	200449.5	-5419.9	8694	9.5	202059.6	-5412.8	8784	11.0	203850.6	-5406.1
8605	10.0	200451.3	-5442.8	8695	11.0	202120.0	-5423.6	8785	10.0	203851.0	-5458.7
8606	8.5	200520.7	-5452.8	8696	10.3	202126.2	-5409.8	8786	10.5	203909.5	-5429.1
8607	11.5	200524.2	-5412.7	8697	10.0	202210.2	-5440.1	8787	11.0	203914.7	-5433.1
8608	10.0	200525.4	-5413.5	8698	10.0	202211.6	-5417.8	8788	10.5	203922.7	-5410.1
8609	10.0	200532.0	-5443.9	8699	9.9	202213.9	-5420.7	8789	10.0	203925.1	-5455.7
8610	9.2	200545.6	-5458.9	8700	10.8	202217.6	-5441.7	8790	10.0	203941.5	-5451.7
8611	10.0	200549.6	-5429.7	8701	9.9	202236.9	-5459.1	8791	9.9	203952.6	-5432.1
8612	9.8	200551.6	-5425.5	8702	11.8	202249.2	-5428.7	8792	10.0	204006.3	-5411.3
8613	9.6	200558.0	-5412.7	8703	8.4	202315.8	-5456.1	8793	11.5	204009.0	-5413.1
8614	9.9	200607.9	-5450.2	8704	9.8	202343.5	-5441.8	8794	9.9	204011.9	-5451.5
8615	11.0	200614.3	-5400.7	8705	9.0	202351.7	-5416.9	8795	11.3	204025.7	-5420.1
8616	10.5	200626.8	-5425.9	8706	10.8	202402.6	-5406.7	8796	10.0	204027.6	-5457.7
8617	9.2	200636.7	-5407.7	8707	9.7	202403.1	-5418.7	8797	9.6	204030.8	-5405.1
8618	10.5	200636.9	-5416.7	8708	11.0	202407.4	-5413.7	8798	11.0	204037.4	-5429.1
8619	9.8	200701.6	-5446.9	8709	9.7	202412.1	-5418.9	8799	10.0	204052.8	-5431.1
8620	10.3	200702.6	-5428.0	8710	9.3	202417.2	-5452.5	8800	11.0	204109.2	-5405.1
8621	10.8	200703.2	-5437.9	8711	10.0	202417.6	-5443.1	8801	10.8	204148.5	-5408.1
8622	10.0	200707.9	-5447.6	8712	9.6	202437.6	-5415.9	8802	8.7	204158.1	-5441.0
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8625	8.2	200740.9	-5443.4	8715	9.6	202530.0	-5401.0	8805	11.5	204228.5	-5405.2
8626	9.6	200807.6	-5411.7	8716	9.9	202537.6	-5454.0	8806	10.5	204233.9	-5427.2
8627	10.8	200807.9	-5410.7	8717	11.5	202548.2	-5428.7	8807	11.5	204240.0	-5415.2
8628	9.9	200816.5	-5421.1	8718	11.3	202554.1	-5406.7	8808	10.5	204253.5	-5400.2
8629	8.6	200839.0	-5432.7	8719	10.0	202604.4	-5450.1	8809	11.0	204303.5	-5427.2
8630	9.7	200925.9	-5448.9	8720	9.3	202619.6	-5422.8	8810	11.0	204305.6	-5422.2
8631	10.0	200928.3	-5443.9	8721	11.0	202621.9	-5429.8	8811	10.8	204329.6	-5407.2
8632	10.8	200928.7	-5403.7	8722	9.0	202624.4	-5434.8	8812	11.0	204330.8	-5408.2
8633	9.2	200931.3	-5455.9	8723	9.9	202630.6	-5455.1	8813	10.0	204356.2	-5447.7
8634	10.3	200934.7	-5416.7	8724	11.3	202654.0	-5412.8	8814	10.0	204425.8	-5454.7
8635	10.5	200937.8	-5435.7	8725	10.0	202656.5	-5446.3	8815	10.8	204428.2	-5401.2
8636	10.0	200946.6	-5458.7	8726	9.5	202705.6	-5451.1	8816	10.8	204450.0	-5434.2
8637	10.0	200957.1	-5456.9	8727	11.5	202719.0	-5409.8	8817	8.4	204511.4	-5403.2
8638	10.8	201014.6	-5426.9	8728	10.0	202720.4	-5444.1	8818	8.8	204512.8	-5435.2
8639	10.5	201027.5	-5445.2	8729	10.5	202739.0	-5436.8	8819	9.0	204513.7	-5438.2
8640	9.9	201034.5	-5426.7	8730	11.5	202835.9	-5407.8	8820	10.8	204514.7	-5413.3
8641	10.5	201047.5	-5410.7	8731	9.1	202907.6	-5424.8	8821	10.0	204527.1	-5453.7
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8645	10.5	201247.6	-5414.7	8735	10.5	203026.0	-5429.9	8825	9.5	204616.7	-5419.4
8646	8.0	201300.9	-5439.2	8736	11.0	203028.4	-5417.9	8826	11.5	204619.9	-5445.3

8827	10.0	204620.8	-5456.0
8828	10.5	204624.1	-5400.3
8829	10.0	204625.4	-5452.8
8830	10.0	204626.8	-5444.8
8831	10.0	204637.9	-5448.8
8832	8.3	204655.2	-5421.3
8833	11.0	204658.9	-5433.3
8834	9.7	204706.9	-5447.8
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8839	11.0	204808.4	-5418.4
8840	11.5	204817.9	-5416.3
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8843	9.1	204916.9	-5450.8
8844	10.0	204920.7	-5457.8
8845	11.5	204928.1	-5410.3
8846	9.9	204947.9	-5409.3
8847	11.5	205009.7	-5407.3
8848	10.0	205015.9	-5457.8
8849	8.6	205017.8	-5413.3
8850	10.0	205018.6	-5447.8
8851	9.0	205024.3	-5428.5
8852	9.6	205024.8	-5405.0
8853	10.0	205043.6	-5442.8
8854	9.9	205043.9	-5453.8
8855	9.5	205046.9	-5405.3
8856	11.0	205046.9	-5428.4
8857	10.0	205050.4	-5443.4
8858	9.6	205102.4	-5438.4
8859	7.0	205133.6	-5413.4
8860	10.3	205204.5	-5434.2
8861	9.3	205205.0	-5420.1
8862	10.0	205216.0	-5448.8
8863	11.5	205224.5	-5425.4
8864	10.0	205235.0	-5445.8
8865	10.0	205240.8	-5411.2
8866	11.5	205242.3	-5413.4
8867	10.0	205242.8	-5444.8
8868	10.0	205252.5	-5450.8
8869	10.0	205303.4	-5447.8
8870	9.7	205304.6	-5420.4
8871	10.8	205306.0	-5410.4
8872	10.0	205346.0	-5453.9
8873	10.0	205404.0	-5435.3
8874	10.5	205438.8	-5410.5
8875	11.5	205500.4	-5421.5
8876	8.5	205502.8	-5452.9
8877	9.7	205509.3	-5453.9
8878	10.0	205514.6	-5457.4
8879	10.0	205528.6	-5445.9
8880	10.0	205541.7	-5450.9
8881	9.2	205606.6	-5417.5
8882	9.0	205611.4	-5439.5
8883	10.0	205620.5	-5409.3
8884	11.5	205626.9	-5431.5
8885	11.0	205642.2	-5413.7
8886	10.0	205648.5	-5458.9
8887	9.7	205659.5	-5412.3
8888	11.3	205751.0	-5433.5
8889	10.3	205801.0	-5428.4
8890	10.0	205818.3	-5459.9
8891	7.0	205843.6	-5442.8
8892	11.0	205902.0	-5401.8
8893	11.0	205912.6	-5413.6
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8895	9.4	205920.0	-5445.9
8896	10.3	205924.8	-5425.6
8897	10.0	205925.6	-5452.9
8898	10.0	205946.6	-5455.9
8899	11.5	210009.5	-5415.6
8900	11.5	210011.4	-5400.6
8901	10.0	210019.6	-5459.9
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8903	11.5	210030.4	-5440.6
8904	10.5	210041.9	-5431.6
8905	9.7	210053.8	-5454.9
8906	11.0	210104.2	-5415.6
8907	9.9	210118.8	-5412.6
8908	11.0	210122.4	-5414.6
8909	10.0	210124.8	-5446.9
8910	10.8	210128.5	-5429.4
8911	11.0	210152.0	-5426.6
8912	10.0	210158.0	-5456.9
8913	11.0	210211.9	-5431.7
8914	10.8	210217.7	-5409.7
8915	10.8	210228.2	-5413.7
8916	10.5	210232.4	-5405.9

-54 8917 21h02m

-54 9276 22h24m

8917	9.5	210233.3	-5416.5	9007	9.9	212304.4	-5400.6	9097	10.0	214101.2	-5454.0
8918	10.0	210239.1	-5448.0	9008	8.5	212309.0	-5444.2	9098	10.0	214102.3	-5431.6
8919	11.0	210258.0	-5436.7	9009	10.5	212332.4	-5443.0	9099	10.0	214104.3	-5420.8
8920	11.5	210304.8	-5413.7	9010	11.0	212405.3	-5411.2	9100	11.5	214105.7	-5434.6
8921	9.9	210309.9	-5455.0	9011	10.5	212419.5	-5443.2	9101	10.0	214114.8	-5456.3
8922	9.3	210316.6	-5432.8	9012	10.0	212431.5	-5426.2	9102	9.1	214147.6	-5459.0
8923	10.8	210321.7	-5434.8	9013	10.0	212432.8	-5443.1	9103	9.8	214242.3	-5446.1
8924	9.7	210356.9	-5445.0	9014	9.9	212435.0	-5444.2	9104	10.0	214309.9	-5447.3
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8928	11.5	210512.4	-5405.8	9018	10.0	212545.5	-5402.2	9108	11.0	214428.9	-5426.7
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8930	10.3	210542.9	-5414.6	9020	10.0	212616.3	-5454.2	9110	9.8	214514.4	-5452.2
8931	10.0	210548.7	-5446.0	9021	9.6	212641.8	-5442.6	9111	9.6	214525.8	-5411.7
8932	10.5	210555.8	-5418.8	9022	10.8	212642.4	-5436.2	9112	11.5	214526.1	-5419.7
8933	10.8	210620.1	-5426.8	9023	11.0	212709.4	-5424.3	9113	11.5	214546.2	-5430.7
8934	11.5	210637.9	-5408.8	9024	10.5	212716.0	-5434.8	9114	10.8	214547.8	-5426.7
8935	10.5	210644.3	-5422.8	9025	9.4	212720.4	-5440.3	9115	9.4	214548.7	-5417.7
8936	9.3	210651.8	-5455.0	9026	10.8	212728.0	-5422.3	9116	11.0	214558.4	-5422.0
8937	9.6	210700.3	-5435.6	9027	8.9	212730.0	-5458.9	9117	11.5	214622.7	-5441.2
8938	9.5	210702.0	-5405.9	9028	9.8	212738.4	-5446.4	9118	11.5	214636.1	-5422.8
8939	10.0	210703.9	-5452.0	9029	9.7	212742.3	-5421.3	9119	11.0	214700.2	-5449.2
8940	10.3	210722.4	-5427.9	9030	8.3	212746.2	-5444.7	9120	9.5	214732.0	-5437.8
8941	9.8	210755.6	-5434.6	9031	8.6	212758.0	-5447.0	9121	9.2	214733.6	-5455.2
8942	11.5	210801.6	-5402.9	9032	9.5	212759.0	-5432.3	9122	10.5	214742.0	-5443.3
8943	9.5	210805.3	-5419.9	9033	9.3	212819.7	-5437.6	9123	11.5	214748.6	-5417.8
8944	9.7	210813.8	-5422.7	9034	10.3	212820.9	-5419.0	9124	10.8	214809.5	-5443.4
8945	11.0	210819.1	-5438.6	9035	11.5	212905.4	-5435.3	9125	9.7	214818.3	-5407.6
8946	7.5	210824.0	-5431.9	9036	10.8	212910.8	-5427.3	9126	10.5	214835.3	-5417.8
8947	9.3	210824.8	-5450.3	9037	11.0	212913.0	-5436.0	9127	10.3	214838.7	-5417.8
8948	10.0	210846.4	-5424.5	9038	11.0	212918.8	-5405.3	9128	10.8	214842.0	-5434.5
8949	9.7	210857.6	-5400.9	9039	10.8	212938.0	-5426.3	9129	11.5	214932.0	-5438.9
8950	10.0	210904.5	-5453.0	9040	10.5	212946.5	-5408.5	9130	8.6	214936.8	-5408.7
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8952	9.6	210920.3	-5428.9	9042	11.5	212948.9	-5416.3	9132	8.5	215007.9	-5434.9
8953	10.0	210926.6	-5415.9	9043	11.0	212959.2	-5437.3	9133	9.0	215018.4	-5449.2
8954	10.0	210946.2	-5408.9	9044	10.3	212959.7	-5441.3	9134	11.0	215035.7	-5416.6
8955	9.7	211000.6	-5457.0	9045	11.0	213016.6	-5423.3	9135	11.5	215044.5	-5430.9
8956	10.8	211006.6	-5403.9	9046	10.3	213045.2	-5444.3	9136	11.3	215044.8	-5431.9
8957	10.3	211017.0	-5445.2	9047	10.0	213046.8	-5450.2	9137	9.2	215054.7	-5421.6
8958	10.5	211020.7	-5415.9	9048	10.5	213138.9	-5405.7	9138	10.8	215107.0	-5400.9
8959	9.6	211024.3	-5443.9	9049	10.3	213141.3	-5404.4	9139	9.9	215139.9	-5406.2
8960	9.2	211038.4	-5407.9	9050	9.5	213203.0	-5422.4	9140	9.6	215210.2	-5419.2
8961	11.0	211058.6	-5401.9	9051	11.0	213232.7	-5431.4	9141	8.2	215211.2	-5442.4
8962	11.3	211117.2	-5403.9	9052	10.8	213252.6	-5430.2	9142	10.8	215227.5	-5426.0
8963	9.6	211141.2	-5451.2	9053	9.8	213317.6	-5404.6	9143	11.0	215239.8	-5429.0
8964	10.0	211200.6	-5457.5	9054	11.3	213334.1	-5425.4	9144	10.0	215254.3	-5459.3
8965	8.7	211242.0	-5412.9	9055	10.3	213357.4	-5411.4	9145	9.8	215255.9	-5430.2
8966	11.5	211242.0	-5413.9	9056	11.0	213404.9	-5428.4	9146	10.8	215303.9	-5429.0
8967	10.3	211321.5	-5442.2	9057	9.2	213416.0	-5457.5	9147	7.9	215316.1	-5445.3
8968	10.3	211338.1	-5442.2	9058	10.0	213427.0	-5451.7	9148	9.1	215324.0	-5440.8
8969	11.3	211352.2	-5417.9	9059	10.0	213456.9	-5452.7	9149	9.7	215347.0	-5438.0
8970	9.4	211410.3	-5414.9	9060	9.7	213458.2	-5459.2	9150	11.5	215352.3	-5435.0
8971	11.0	211410.3	-5431.9	9061	10.5	213458.2	-5441.6	9151	11.3	215354.6	-5412.8
8972	9.5	211418.8	-5453.4	9062	10.8	213505.5	-5412.5	9152	9.8	215412.6	-5424.8
8973	11.5	211419.4	-5413.2	9063	6.5	213511.0	-5432.6	9153	10.5	215522.7	-5449.8
8974	9.4	211449.0	-5442.6	9064	11.5	213521.7	-5446.6	9154	11.0	215606.5	-5427.2
8975	11.5	211527.7	-5417.0	9065	9.6	213542.6	-5405.5	9155	11.5	215609.8	-5422.1
8976	9.5	211544.8	-5453.2	9066	10.3	213543.8	-5436.5	9156	10.0	215614.3	-5455.7
8977	10.5	211548.9	-5420.0	9067	9.4	213551.0	-5442.3	9157	9.3	215617.3	-5410.3
8978	10.0	211605.5	-5456.2	9068	11.5	213556.0	-5419.5	9158	11.5	215719.3	-5430.1
8979	11.8	211614.3	-5432.8	9069	11.3	213557.0	-5427.7	9159	11.5	215738.9	-5410.1
8980	11.0	211629.3	-5424.0	9070	11.3	213606.7	-5439.2	9160	9.4	215743.9	-5429.2
8981	10.0	211630.8	-5437.0	9071	10.0	213626.6	-5407.7	9161	10.5	215748.7	-5440.6
8982	10.8	211636.3	-5434.8	9072	11.0	213636.3	-5420.5	9162	10.0	215802.8	-5449.6
8983	10.0	211707.9	-5452.8	9073	9.7	213716.5	-5435.3	9163	11.0	215805.2	-5412.1
8984	10.3	211738.7	-5443.3	9074	11.0	213729.8	-5454.8	9164	11.0	215823.9	-5425.1
8985	11.5	211742.1	-5410.0	9075	10.5	213730.7	-5453.6	9165	10.8	215833.0	-5437.1
8986	11.3	211753.0	-5430.0	9076	10.0	213734.0	-5405.3	9166	11.0	215833.8	-5400.9
8987	11.3	211759.8	-5408.0	9077	10.0	213740.3	-5448.8	9167	9.9	215837.8	-5433.1
8988	10.0	211809.2	-5456.2	9078	10.5	213741.2	-5409.8	9168	9.6	215840.0	-5415.1
8989	9.8	211817.0	-5453.0	9079	10.0	213751.2	-5446.0	9169	11.0	215841.3	-5406.1
8990	11.3	211827.0	-5423.0	9080	11.0	213754.8	-5416.5	9170	9.5	215843.8	-5423.1
8991	9.9	211848.7	-5446.2	9081	11.0	213813.8	-5446.2	9171	10.5	215853.2	-5428.0
8992	9.4	211853.0	-5427.0	9082	11.5	213816.5	-5409.5	9172	10.5	220001.6	-5412.2
8993	10.3	211950.8	-5436.1	9083	11.5	213817.7	-5438.5	9173	9.8	220010.5	-5435.2
8994	6.6	212011.0	-5415.1	9084	11.0	213842.2	-5437.6	9174	10.8	220015.6	-5415.2
8995	10.0	212015.5	-5446.2	9085	9.0	213843.8	-5454.1	9175	9.6	220019.0	-5408.0
8996	11.5	212027.4	-5406.1	9086	9.4	213846.4	-5413.6	9176	10.8	220021.9	-5405.2
8997	11.0	212034.7	-5414.1	9087	11.0	213910.3	-5431.4	9177	10.3	220030.3	-5440.6
8998	11.3	212050.8	-5424.1	9088	11.0	213923.4	-5424.6	9178	10.0	220047.0	-5458.7
8999	9.8	212051.8	-5449.2	9089	11.0	213928.0	-5405.6	9179	11.0	220120.8	-5434.2
9000	8.8	212142.7	-5430.1	9090	10.0	213929.2	-5414.8	9180	11.0	220208.0	-5417.2
9001	9.5	212201.9	-5459.5	9091	9.9	213932.3	-5446.1	9181	9.1	220210.6	-5437.2
9002	11.0	212229.4	-5400.4	9092	10.0	214001.3	-5420.6	9182	9.9	220308.0	-5404.6
9003	11.8	212229.5	-5439.1	9093	9.8	214007.8	-5445.0	9183	11.5	220322.7	-5442.3
9004	11.8	212231.4	-5441.1	9094	10.0	214033.9	-5452.0	9184	11.5	220326.2	-5438.3
9005	10.0	212242.0	-5453.2	9095	11.5	214046.6	-5402.1	9185	9.8	220345.7	-5446.0
9006	10.0	212251.4	-5446.8	9096	11.3	214055.3	-5428.4	9186	10.0	220346.6	-5450.9
9187	10.8	220416.0	-5430.5								
9188	7.9	220422.4	-5454.2								
9189	11.0	220432.0	-5420.3								
9190	11.3	220453.1	-5444.3								
9191	10.0	220508.3	-5446.2								
9192	10.8	220510.4	-5439.3								
9193	11.0	220520.8	-5428.0								
9194	11.0	220524.8	-5406.3								
9195	10.8	220541.5	-5409.3								
9196	10.0	220546.1	-5444.2								
9197	11.0	220600.6	-5400.4								
9198	11.3	220612.5	-5425.4								
9199	7.9	220622.5	-5411.4								
9200	8.1	220630.4	-5451.5								
9201	8.5	220709.8	-5436.2								
9202	9.9	220725.2	-5450.2								
9203	8.6	220726.0	-5450.4								
9204	10.0	220736.0	-5433.4								
9205	11.5	220740.6	-5411.4								
9206	8.5	220801.0	-5410.4								
9207	9.9	220804.4	-5456.2								
9208	10.3	220806.2	-5409.4								
9209	9.4	220816.7	-5450.8								
9210	11.5	220817.7	-5427.4								
9211	11.0	220842.8	-5400.5								
9212	9.0	220846.0	-5426.5								
9213	10.3	220851.0	-5421.5								
9214	9.6	220902.6	-5442.2								
9215	7.3	220903.6	-5456.3								
9216	10.0	220920.0	-5457.2								
9217	9.3	220936.2	-5422.6								
9218	9.9	220938.8	-5455.2								
9219	9.8	220946.9	-5400.6								
9220	11.3	220947.9	-5425.5								
9221	10.0	221001.6	-5452.2								
9222	5.7	221002.8	-5413.4								
9223	10.0	221007.8	-5410.7								
9224	10.0	221008.1	-5449.2								
9225	9.6	221009.8	-5425.4								
9226	9.7	221020.0	-5446.3								
9227	10.5	221027.7	-5431.4								
9228	11.0	221110.9	-5403.4								
9229	10.0	221153.8	-5447.2								
9230	11.0	221156.5	-5406.4								
9231	9.2	221203.7	-5421.4								
9232	10.8	221220.8	-5406.4								
9233	10.0	221225.3	-5451.2								
9234	9.7	221242.6	-5415.4								
9235	9.9	221254.4	-5400.4								
9236	10.3	221255.2	-5422.0								
9237	10.0	221 55.4	-5451.2								
9238	10.0	221316.0	-5452.2								
9239	10.5	221336.4	-5437.4								
9240	10.0	221336.6	-5425.4								
9241	9.9	221352.5	-5413.4								
9242	7.4	221359.9	-5429.4								
9243	10.5	221500.1	-5448.3								
9244	10.8	221504.9	-5448.3								
9245	9.7	221510.8	-5434.4								
9246	9.6	221526.6	-5455.3								
9247	10.0	221601.2	-5440.3								
9248	11.0	221634.6	-5434.4								
9249	10.0	221639.7	-5419.0								
9250	8.7	221701.3	-5426.4								
9251	11.0	221703.7	-5416.4								
9252	11.3	221706.6	-5438.4								
9253	9.5	221735.3	-5406.6								
9254	10.8	221839.8	-5410.2								
9255	9.9	221849.9	-5419.4								
9256	11.0	221858.5	-5407.4								
9257	9.6	221921.8	-5404.4								
9258	9.3	221947.0	-5415.4								
9259	10.0	221952.9	-5405.6								
9260	10.5	222026.4	-5426.0								
9261	11.5	222028.4	-5408.4								
9262	10.5	222030.9	-5431.4								
9263	10.0	222045.0	-5449.3								
9264	10.8	222049.9	-5426.4								
9265	10.8	222130.2	-5442.4								
9266	11.5	222139.3	-5407.4								
9267	11.0	222145.0	-5426.4								
9268	10.0	222208.4	-5459.3								
9269	9.4	222209.0	-5410.2								
9270	10.0	222227.9	-5458.3								
9271	9.7	222231.4	-5442.5								
9272	9.3	222323.4	-5419.6								
9273	8.2	222339.4	-5401.5								
9274	10.0	222345.3	-5427.5								
9275	11.0	222415.5	-5412.5								
9276	9.8	222420.8	-5404.5								

-54 9277 22h24m

-54 9636 23h43m

9277	11.0	222434.9	-5427.5	9367	10.3	224556.5	-5428.9
9278	11.0	222437.9	-5427.5	9368	10.8	224618.2	-5430.9
9279	9.9	222448.8	-5402.5	9369	10.5	224629.1	-5423.9
9280	9.8	222454.5	-5410.5	9370	9.3	224631.1	-5416.9
9281	10.0	222502.3	-5419.5	9371	10.0	224638.4	-5455.5
9282	10.0	222512.0	-5444.4	9372	9.3	224641.0	-5411.9
9283	11.5	222614.1	-5422.5	9373	9.4	224655.6	-5446.5
9284	10.8	222618.1	-5401.5	9374	9.7	224709.3	-5430.9
9285	7.4	222624.6	-5456.4	9375	10.3	224723.8	-5437.9
9286	10.0	222626.4	-5451.4	9376	9.6	224735.3	-5422.9
9287	9.3	222648.4	-5450.4	9377	11.0	224735.9	-5459.6
9288	10.8	222656.8	-5431.5	9378	10.8	224739.7	-5404.9
9289	11.0	222703.5	-5433.5	9379	10.3	224744.1	-5424.9
9290	9.7	222703.8	-5415.2	9380	8.8	224752.0	-5430.9
9291	9.5	222719.8	-5415.5	9381	9.6	224755.0	-5408.9
9292	9.2	222746.5	-5403.2	9382	9.5	224755.4	-5400.9
9293	10.8	222820.4	-5433.5	9383	9.2	224809.0	-5440.8
9294	10.8	222851.8	-5401.3	9384	10.0	224827.5	-5456.6
9295	11.0	222901.6	-5427.5	9385	10.0	224829.9	-5454.6
9296	9.8	222909.4	-5403.5	9386	10.0	224834.5	-5425.9
9297	11.0	222943.8	-5401.5	9387	10.5	224908.0	-5403.9
9298	10.0	222949.2	-5459.4	9388	10.0	224913.4	-5434.9
9299	9.9	222954.8	-5417.5	9389	9.7	224924.0	-5430.9
9300	10.0	222955.3	-5444.4	9390	10.8	224939.6	-5413.9
9301	9.0	223026.5	-5436.2	9391	10.3	224953.3	-5439.8
9302	9.2	223030.3	-5400.4	9392	11.0	224958.2	-5436.9
9303	11.0	223037.0	-5423.5	9393	10.0	225018.1	-5459.6
9304	7.6	223058.0	-5422.5	9394	10.8	225038.2	-5426.9
9305	11.0	223121.5	-5431.8	9395	10.8	225038.2	-5416.9
9306	9.8	223125.0	-5414.8	9396	10.8	225043.5	-5406.9
9307	8.6	223207.0	-5446.6	9397	10.5	225048.0	-5415.9
9308	11.0	223210.7	-5426.8	9398	10.8	225053.2	-5440.9
9309	10.0	223221.2	-5459.4	9399	10.8	225102.7	-5440.9
9310	11.0	223222.2	-5434.8	9400	10.5	225129.8	-5426.9
9311	10.0	223229.8	-5457.4	9401	10.3	225132.2	-5408.9
9312	10.8	223301.5	-5435.8	9402	10.3	225147.4	-5402.9
9313	11.0	223330.6	-5420.8	9403	10.0	225150.4	-5449.6
9314	8.6	223415.5	-5435.8	9404	9.0	225151.4	-5401.9
9315	10.0	223427.6	-5454.4	9405	10.0	225240.7	-5459.6
9316	10.0	223439.5	-5457.4	9406	9.1	225244.9	-5446.2
9317	11.0	223451.9	-5440.8	9407	9.6	225256.2	-5426.9
9318	10.0	223519.2	-5415.8	9408	9.8	225302.6	-5418.9
9319	9.5	223547.1	-5430.8	9409	9.5	225303.4	-5448.6
9320	10.8	223611.1	-5441.8	9410	9.4	225330.6	-5452.6
9321	9.7	223628.4	-5423.8	9411	9.5	225338.4	-5406.9
9322	10.8	223657.9	-5409.8	9412	10.5	225355.3	-5440.9
9323	9.7	223702.3	-5420.8	9413	10.5	225428.0	-5410.9
9324	10.5	223704.3	-5422.8	9414	9.8	225430.8	-5411.9
9325	9.4	223718.8	-5445.2	9415	8.2	225450.2	-5440.8
9326	10.0	223732.7	-5459.4	9416	8.9	225509.6	-5430.9
9327	4.6	223757.7	-5408.8	9417	10.0	225514.2	-5431.9
9328	9.7	223800.9	-5437.8	9418	7.6	225516.7	-5426.9
9329	9.5	223806.7	-5434.8	9419	10.8	225520.6	-5417.9
9330	10.5	223813.8	-5424.8	9420	10.5	225546.8	-5426.9
9331	10.8	223820.8	-5401.8	9421	10.8	225558.8	-5402.9
9332	10.5	223823.2	-5409.8	9422	10.8	225600.9	-5400.9
9333	10.5	223827.0	-5411.8	9423	10.3	225611.6	-5447.0
9334	9.8	223834.0	-5429.8	9424	8.6	225626.6	-5445.8
9335	10.8	223904.5	-5447.4	9425	10.8	225626.6	-5414.9
9336	10.8	223910.5	-5406.8	9426	10.0	225640.7	-5444.6
9337	10.8	223913.2	-5416.8	9427	10.8	225640.8	-5427.9
9338	10.5	223917.7	-5438.8	9428	9.8	225642.3	-5445.0
9339	11.0	224012.0	-5408.8	9429	9.9	225702.7	-5434.0
9340	11.0	224021.8	-5426.9	9430	10.3	225708.3	-5400.0
9341	9.4	224052.0	-5447.5	9431	5.2	225716.2	-5438.3
9342	9.2	224057.8	-5403.9	9432	10.5	225718.1	-5441.0
9343	10.0	224058.7	-5459.5	9433	10.0	225749.4	-5445.4
9344	10.0	224107.7	-5456.5	9434	7.9	225753.1	-5424.0
9345	10.0	224111.2	-5405.9	9435	10.8	225757.1	-5434.0
9346	10.5	224119.9	-5453.5	9436	8.6	225810.4	-5456.7
9347	10.5	224132.6	-5401.9	9437	10.3	225814.0	-5401.0
9348	10.0	224132.6	-5456.5	9438	10.5	225838.1	-5421.0
9349	10.5	224139.4	-5423.9	9439	9.2	225847.0	-5415.0
9350	8.2	224145.7	-5435.9	9440	10.5	225915.2	-5444.4
9351	10.0	224245.4	-5445.5	9441	10.0	225919.0	-5454.7
9352	10.8	224246.5	-5405.9	9442	9.2	230016.9	-5418.0
9353	9.8	224300.4	-5408.9	9443	8.1	230032.3	-5444.8
9354	9.8	224319.7	-5428.9	9444	10.8	230032.4	-5401.0
9355	9.8	224319.7	-5427.9	9445	10.8	230100.5	-5426.0
9356	10.8	224319.7	-5417.9	9446	10.5	230111.4	-5428.0
9357	9.5	224322.1	-5449.1	9447	11.0	230131.4	-5406.0
9358	10.5	224330.0	-5420.9	9448	10.5	230158.1	-5441.4
9359	10.5	224350.8	-5406.9	9449	9.7	230200.7	-5410.0
9360	10.5	224411.9	-5454.5	9450	8.4	230223.9	-5401.0
9361	11.0	224437.4	-5450.5	9451	9.7	230230.0	-5425.0
9362	9.7	224453.3	-5424.9	9452	10.3	230234.3	-5446.9
9363	9.2	224510.6	-5440.2	9453	9.8	230238.1	-5430.0
9364	10.8	224516.1	-5405.9	9454	9.3	230240.0	-5449.7
9365	11.0	224517.3	-5422.9	9455	10.5	230307.5	-5401.0
9366	8.8	224528.9	-5435.9	9456	9.6	230330.4	-5440.0
9457	9.8	230438.5	-5415.0	9547	8.5	232240.5	-5406.1
9458	10.5	230448.7	-5406.0	9548	10.5	232253.1	-5406.1
9459	10.3	230458.5	-5419.0	9549	11.8	232301.1	-5421.1
9460	10.5	230503.4	-5440.4	9550	10.5	232302.7	-5459.0
9461	10.5	230508.1	-5448.7	9551	11.5	232328.3	-5424.1
9462	7.8	230540.3	-5452.4	9552	11.5	232337.1	-5436.1
9463	8.3	230549.7	-5457.7	9553	11.3	232343.0	-5411.1
9464	10.0	230556.1	-5431.0	9554	11.0	232350.3	-5431.1
9465	10.8	230559.0	-5440.0	9555	10.8	232358.7	-5408.1
9466	9.6	230613.9	-5432.0	9556	8.8	232419.0	-5441.1
9467	10.3	230636.7	-5430.0	9557	9.3	232425.9	-5435.1
9468	10.0	230646.1	-5450.7	9558	9.6	232431.8	-5403.1
9469	8.3	230646.5	-5438.0	9559	11.0	232439.6	-5453.0
9470	10.0	230657.8	-5449.7	9560	7.8	232447.0	-5427.0
9471	10.8	230709.5	-5441.0	9561	10.8	232453.5	-5401.0
9472	10.8	230717.8	-5439.0	9562	9.6	232455.3	-5432.0
9473	10.5	230729.6	-5402.0	9563	10.5	232504.8	-5454.0
9474	9.3	230740.0	-5455.7	9564	10.8	232624.5	-5430.0
9475	10.8	230805.7	-5403.0	9565	11.3	232633.3	-5401.0
9476	10.5	230821.0	-5453.7	9566	10.3	232634.9	-5447.0
9477	10.3	230824.4	-5427.0	9567	8.6	232644.7	-5421.0
9478	9.8	230838.2	-5444.4	9568	11.3	232651.1	-5459.0
9479	10.3	230839.2	-5426.0	9569	9.8	232746.8	-5444.0
9480	11.0	230912.3	-5425.0	9570	10.3	232754.0	-5445.0
9481	9.8	230923.4	-5419.0	9571	11.0	232801.9	-5446.0
9482	11.0	230927.9	-5408.0	9572	10.8	232817.9	-5407.0
9483	9.7	230950.4	-5400.0	9573	10.5	232828.3	-5408.0
9484	10.0	230955.3	-5435.0	9574	10.5	232831.5	-5410.0
9485	10.3	230955.3	-5438.0	9575	11.0	232851.6	-5459.0
9486	10.3	231015.0	-5442.9	9576	11.0	232853.1	-5434.0
9487	10.8	231021.2	-5405.0	9577	10.3	232858.6	-5422.0
9488	10.5	231025.4	-5441.9	9578	9.0	232903.2	-5423.0
9489	9.4	231028.6	-5456.8	9579	10.5	232930.8	-5454.0
9490	9.5	231055.7	-5415.0	9580	9.2	232939.5	-5444.1
9491	9.7	231105.2	-5401.0	9581	11.0	233023.9	-5401.1
9492	10.8	231105.8	-5456.8	9582	11.0	233033.6	-5409.6
9493	10.3	231122.4	-5402.0	9583	11.5	233033.6	-5444.1
9494	8.9	231124.1	-5409.0	9584	9.0	233044.6	-5452.0
9495	11.0	231131.4	-5407.0	9585	11.0	233113.8	-5450.0
9496	10.8	231150.3	-5414.0	9586	11.3	233126.8	-5402.1
9497	11.0	231157.4	-5415.0	9587	11.0	233130.0	-5455.0
9498	11.0	231202.4	-5415.0	9588	11.5	233141.9	-5430.1
9499	10.3	231207.4	-5454.8	9589	10.5	233141.9	-5435.1
9500	11.3	231213.9	-5422.0	9590	10.5	233155.9	-5419.1
9501	7.7	231214.7	-5406.0	9591	11.0	233200.0	-5412.1
9502	11.0	231216.4	-5453.8	9592	10.5	233214.3	-5411.1
9503	10.0	231226.9	-5453.7	9593	9.5	233234.8	-5404.1
9504	11.5	231228.9	-5444.5	9594	9.8	233240.8	-5413.1
9505	11.3	231229.9	-5405.0	9595	9.6	233256.2	-5419.1
9506	10.8	231241.5	-5410.0	9596	10.0	233356.7	-5408.1
9507	11.0	231249.5	-5458.7	9597	11.0	233404.4	-5436.1
9508	10.5	231253.4	-5451.7	9598	11.5	233453.9	-5401.1
9509	11.0	231256.9	-5412.0	9599	11.0	233514.4	-5414.2
9510	10.0	231306.6	-5411.0	9600	11.0	233519.0	-5413.2
9511	10.3	231320.7	-5447.7	9601	9.9	233522.3	-5403.2
9512	11.3	231335.0	-5439.0	9602	7.9	233524.0	-5407.2
9513	9.9	231335.7	-5418.0	9603	11.3	233613.7	-5415.2
9514	10.8	231340.5	-5432.0	9604	9.9	233639.6	-5411.2
9515	11.0	231345.3	-5445.6	9605	9.9	233655.8	-5406.2
9516	9.6	231350.1	-5439.5	9606	11.0	233701.8	-5404.2
9517	11.3	231500.1	-5407.1	9607	10.8	233711.4	-5442.2
9518	10.0	231512.3	-5452.0	9608	8.4	233721.3	-5453.9
9519	11.3	231516.1	-5430.1	9609	11.5	233727.3	-5409.2
9520	11.5	231533.9	-5416.1	9610	10.0	233730.4	-5448.9
9521	11.0	231542.0	-5445.1	9611	10.3	233743.9	-5415.2
9522	11.5	231546.7	-5429.1	9612	9.2	233748.1	-5402.2
9523	10.8	231608.8	-5409.1	9613	9.6	233756.5	-5453.9
9524	11.0	231615.9	-5421.1	9614	9.3	233821.8	-5441.0
9525	11.5	231622.9	-5435.1	9615	10.0	233822.9	-5453.9
9526	11.0	231638.9	-5450.0	9616	11.3	233824.3	-5429.2
9527	7.4	231647.3	-5430.1	9617	9.2	233840.0	-5454.9
9528	6.3	231650.3	-5429.1	9618	11.0	233851.0	-5407.2
9529	9.6	231721.9	-5443.1	9619	9.5	233852.2	-5410.2
9530	8.9	231740.5	-5426.1	9620	11.5	233856.8	-5401.2
9531	9.2	231840.7	-5442.6	9621	11.3	233918.5	-5439.2
9532	11.5	231840.8	-5409.1	9622	9.6	233920.0	-5410.2
9533	11.5	231904.9	-5421.1	9623	11.3	233950.9	-5401.2
9534	11.3	231950.7	-5411.1	9624	11.0	234024.5	-5411.2
9535	11.0	232002.3	-5440.1	9625	11.5	234026.7	-5422.2
9536	10.0	232004.0	-5458.0	9626	9.5	234057.3	-5407.3
9537	11.0	232028.4	-5411.1	9627	9.7	234059.5	-5436.3
9538	9.2	232036.5	-5432.1	9628	11.5	234127.3	-5413.3
9539	11.3	232043.9	-5442.1	9629	10.0	234151.2	-5452.9
9540	11.3	232054.3	-5411.1	9630	11.3	234158.8	-5443.1
9541	11.5	232118.2	-5421.1	9631	9.6	234206.1	-5429.3
9542	11.5	232139.9	-5436.6	9632	9.5	234210.4	-5418.3
9543	10.3	232142.7	-5423.1	9633	10.3	234225.1	-5439.1
9544	9.7	232156.7	-5410.1	9634	9.7	234238.0	-5440.1
9545	11.5	232158.3	-5408.1	9635	10.5	234249.0	-5400.3
9546	9.5	232211.8	-5452.0	9636	10.0	234325.5	-5455.9

9637	8.6	234350.4	-5423.3	31	11.3	00732.9	-5554.2	121	8.5	02532.2	-5534.0	211	11.3	05132.8	-5536.0
9638	11.0	234350.4	-5419.3	32	11.3	00735.7	-5512.0	122	11.5	02546.1	-5505.0	212	10.3	05208.6	-5555.9
9639	11.0	234419.5	-5450.9	33	11.5	00741.7	-5529.0	123	11.5	02551.2	-5518.0	213	11.3	05209.8	-5506.0
9640	11.5	234438.6	-5409.3	34	10.8	00751.4	-5511.0	124	11.5	02626.8	-5504.0	214	8.9	05232.1	-5554.9
9641	8.8	234500.6	-5446.6	35	6.5	00801.8	-5546.2	125	10.8	02638.4	-5506.0	215	11.5	05236.9	-5508.0
9642	8.6	234502.9	-5435.3	36	9.6	00831.2	-5527.0	126	10.5	02644.6	-5514.0	216	11.3	05254.6	-5524.0
9643	10.5	234511.8	-5431.3	37	10.5	00832.2	-5505.0	127	11.0	02718.9	-5547.1	217	9.6	05310.0	-5501.0
9644	10.5	234519.6	-5453.9	38	10.3	00916.9	-5511.0	128	10.5	02726.9	-5523.0	218	10.3	05338.5	-5547.9
9645	11.3	234534.4	-5431.3	39	10.8	00921.6	-5536.1	129	9.8	02727.2	-5506.0	219	10.3	05340.5	-5545.9
9646	10.0	234541.4	-5457.9	40	11.5	00932.9	-5506.0	130	11.3	02814.9	-5507.0	220	9.2	05347.2	-5536.4
9647	9.7	234545.4	-5427.3	41	10.8	00947.7	-5514.0	131	9.4	02829.2	-5525.0	221	11.5	05347.6	-5501.0
9648	9.6	234559.0	-5412.3	42	11.5	00951.4	-5505.0	132	10.8	02829.8	-5508.0	222	11.5	05409.7	-5505.0
9649	10.5	234618.3	-5455.9	43	11.3	00957.9	-5532.0	133	9.7	02846.7	-5525.0	223	9.1	05432.9	-5510.0
9650	10.5	234624.3	-5451.9	44	10.3	00959.4	-5513.0	134	6.0	02943.3	-5531.0	224	9.7	05452.3	-5522.0
9651	10.3	234636.8	-5424.4	45	11.5	01001.9	-5551.2	135	8.5	02956.4	-5551.1	225	9.0	05508.2	-5537.4
9652	10.0	234803.5	-5443.9	46	10.5	01006.2	-5530.0	136	9.6	03005.6	-5534.0	226	9.0	05531.0	-5557.9
9653	8.3	234816.7	-5435.4	47	9.8	01036.4	-5506.0	137	9.7	03009.4	-5547.1	227	11.3	05531.7	-5555.9
9654	10.0	234819.1	-5436.4	48	10.5	01041.8	-5543.2	138	10.0	03011.5	-5557.1	228	10.5	05543.4	-5532.0
9655	10.5	234826.0	-5418.4	49	11.5	01042.1	-5530.0	139	9.4	03015.0	-5508.0	229	10.5	05604.3	-5509.0
9656	10.8	234829.8	-5419.4	50	9.6	01044.0	-5539.1	140	9.5	03015.0	-5506.0	230	10.8	05635.5	-5508.0
9657	10.5	234903.8	-5419.4	51	9.9	01049.7	-5509.0	141	9.6	03015.0	-5529.0	231	10.8	05650.7	-5526.0
9658	11.3	234905.0	-5417.4	52	10.8	01137.4	-5553.2	142	9.4	03027.8	-5531.0	232	10.8	05658.2	-5525.0
9659	9.0	234906.7	-5444.4	53	11.0	01140.4	-5548.2	143	10.5	03046.0	-5524.0	233	9.4	05717.5	-5553.9
9660	7.2	234912.0	-5431.4	54	11.5	01144.0	-5539.2	144	10.3	03106.4	-5534.6	234	11.0	05718.8	-5503.0
9661	10.8	234922.9	-5421.4	55	11.0	01231.0	-5507.0	145	9.7	03119.3	-5510.0	235	10.3	05719.8	-5540.2
9662	10.5	234956.1	-5403.4	56	11.5	01245.1	-5513.0	146	11.8	03127.2	-5516.0	236	10.0	05723.4	-5509.0
9663	11.5	235004.2	-5432.4	57	10.8	01313.2	-5510.0	147	6.4	03128.9	-5505.0	237	11.3	05725.1	-5511.0
9664	10.8	235006.2	-5401.4	58	9.9	01321.8	-5538.0	148	9.7	03139.3	-5533.0	238	8.5	05731.9	-5535.0
9665	11.5	235033.7	-5420.4	59	11.5	01333.2	-5509.0	149	9.9	03214.3	-5516.0	239	9.0	05750.8	-5537.0
9666	11.0	235054.2	-5448.9	60	11.5	01359.0	-5532.0	150	10.0	03219.7	-5505.0	240	11.3	05807.6	-5512.0
9667	11.3	235121.1	-5430.4	61	10.3	01414.2	-5538.0	151	10.0	03228.8	-5557.1	241	11.8	05820.0	-5533.0
9668	11.5	235123.2	-5425.4	62	9.9	01427.6	-5530.0	152	10.5	03234.9	-5545.1	242	11.5	05820.3	-5528.0
9669	10.8	235126.9	-5437.4	63	9.6	01443.7	-5523.0	153	10.0	03252.0	-5508.0	243	11.5	05844.0	-5509.0
9670	11.5	235133.0	-5434.4	64	11.3	01457.4	-5548.1	154	11.0	03258.2	-5526.0	244	8.7	05854.1	-5542.9
9671	11.0	235152.0	-5430.4	65	11.5	01511.4	-5532.0	155	11.0	03300.6	-5524.0	245	11.3	05859.4	-5507.0
9672	11.5	235158.9	-5406.4	66	9.5	01513.7	-5525.6	156	10.8	03302.2	-5502.0	246	9.5	05901.7	-5533.0
9673	11.3	235209.9	-5426.4	67	8.4	01515.4	-5516.0	157	11.5	03347.2	-5505.0	247	10.3	05909.3	-5528.0
9674	8.8	235213.9	-5430.4	68	11.3	01523.1	-5554.1	158	9.9	03357.8	-5534.0	248	9.9	05911.8	-5540.2
9675	11.5	235223.6	-5416.5	69	11.3	01527.9	-5523.0	159	8.5	03420.9	-5517.0	249	11.0	05930.8	-5534.0
9676	9.3	235226.1	-5427.5	70	9.6	01529.0	-5518.0	160	11.5	03520.4	-5508.0	250	10.0	05936.2	-5512.7
9677	11.3	235238.8	-5441.7	71	10.0	01553.4	-5523.0	161	9.7	03529.4	-5516.0	251	9.1	05939.9	-5543.9
9678	11.3	235246.6	-5428.5	72	11.0	01621.2	-5531.0	162	11.0	03601.0	-5526.0	252	10.3	05955.4	-5541.9
9679	11.5	235250.1	-5401.5	73	11.3	01644.8	-5500.0	163	10.5	03611.3	-5520.0	253	11.3	10046.2	-5508.2
9680	10.5	235302.6	-5402.5	74	11.0	01648.9	-5534.2	164	11.3	03624.2	-5527.0	254	10.8	10101.4	-5541.9
9681	9.5	235401.1	-5446.2	75	10.0	01653.5	-5500.0	165	11.0	03632.1	-5547.1	255	8.9	10116.7	-5549.9
9682	11.5	235436.1	-5448.9	76	11.0	01708.0	-5500.3	166	10.8	03709.7	-5555.1	256	9.4	10117.7	-5550.9
9683	11.3	235455.0	-5431.5	77	9.8	01736.8	-5533.0	167	11.0	03730.3	-5536.0	257	9.6	10121.6	-5504.0
9684	11.3	235515.6	-5418.5	78	8.4	01738.0	-5514.0	168	10.8	03800.3	-5505.0	258	9.5	10121.6	-5542.9
9685	10.3	235543.5	-5426.5	79	9.9	01739.6	-5541.1	169	11.5	03821.6	-5516.0	259	11.0	10128.2	-5551.9
9686	9.6	235544.1	-5443.2	80	10.8	01743.8	-5559.1	170	11.3	03824.7	-5531.0	260	11.3	10134.5	-5509.0
9687	11.0	235549.5	-5416.5	81	10.5	01744.5	-5514.0	171	8.3	03847.6	-5500.0	261	11.0	10139.7	-5541.9
9688	10.0	235636.2	-5443.2	82	11.0	01751.6	-5536.0	172	9.0	03951.0	-5501.0	262	11.0	10143.9	-5522.0
9689	8.8	235649.8	-5437.5	83	9.1	01753.8	-5557.1	173	9.9	03951.7	-5557.1	263	9.8	10150.2	-5547.9
9690	11.5	235702.3	-5411.5	84	9.6	01759.1	-5559.1	174	10.8	03959.5	-5514.0	264	11.3	10158.6	-5522.0
9691	11.5	235732.0	-5458.9	85	9.0	01801.2	-5549.1	175	10.5	04006.6	-5551.1	265	11.5	10250.6	-5534.0
9692	8.3	235757.5	-5436.5	86	7.9	01808.9	-5515.0	176	9.7	04043.0	-5533.0	266	10.8	10301.8	-5513.0
9693	9.0	235827.5	-5402.6	87	9.9	01819.1	-5529.0	177	10.5	04044.4	-5502.0	267	4.0	10307.4	-5554.9
9694	10.8	235941.5	-5429.6	88	10.0	01821.6	-5538.0	178	9.1	04047.6	-5549.1	268	11.0	10320.1	-5508.0
9695	11.0	235946.3	-5441.8	89	9.7	01839.2	-5549.1	179	9.4	04055.6	-5550.1	269	11.5	10331.7	-5529.0
9696	9.6	235955.8	-5404.6	90	9.0	01839.2	-5551.1	180	10.3	04101.9	-5518.0	270	9.5	10400.4	-5519.0
1	8.6	00032.6	-5551.2	91	10.8	01911.3	-5501.0	181	11.0	04145.6	-5501.0	271	9.3	10403.3	-5559.9
2	11.5	00035.8	-5503.9	92	11.3	01919.3	-5513.0	182	9.6	04209.5	-5556.9	272	11.3	10404.6	-5504.0
3	9.9	00045.4	-5552.2	93	11.0	01920.7	-5536.0	183	9.8	04234.3	-5539.4	273	11.5	10426.7	-5509.0
4	9.7	00102.2	-5508.9	94	10.8	01923.7	-5503.7	184	9.4	04239.5	-5559.9	274	11.5	10504.5	-5510.0
5	11.0	00109.9	-5549.2	95	9.5	01955.0	-5522.0	185	11.0	04316.5	-5533.9	275	9.3	10506.5	-5514.0
6	10.5	00113.7	-5519.9	96	11.3	01956.1	-5531.0	186	11.0	04320.0	-5536.0	276	10.8	10519.3	-5505.0
7	9.7	00120.9	-5504.9	97	11.5	01956.1	-5534.0	187	11.5	04358.0	-5514.0	277	10.3	10537.9	-5536.4
8	11.0	00138.6	-5508.9	98	11.0	02001.7	-5513.0	188	9.5	04411.9	-5516.0	278	9.7	10539.0	-5524.0
9	9.8	00212.0	-5501.9	99	11.5	02005.2	-5503.0	189	11.8	04425.5	-5500.0	279	9.6	10604.5	-5538.4
10	10.8	00313.3	-5543.2	100	11.3	02029.3	-5514.0	190	11.3	04434.0	-5532.0	280	10.5	10610.9	-5512.0
11	10.3	00351.3	-5544.2	101	10.5	02043.0	-5523.0	191	11.0	04545.7	-5555.9	281	11.0	10632.2	-5550.9
12	10.3	00357.1	-5554.2	102	10.3	02111.9	-5556.1	192	11.0	04552.9	-5534.9	282	11.0	10643.1	-5516.0
13	10.8	00358.0	-5553.2	103	10.3	02146.4	-5503.0	193	8.9	04555.8	-5532.0	283	10.3	10701.1	-5543.9
14	11.5	00406.6	-5537.0	104	10.5	02214.0	-5511.0	194	11.5	04638.5	-5539.0	284	10.5	10712.1	-5529.0
15	8.3	00425.9	-5506.0	105	8.3	02215.1	-5519.0	195	11.3	04655.8	-5535.0	285	10.3	10715.2	-5544.9
16	9.3	00501.6	-5515.0	106	11.5	02220.4	-5535.0	196	10.8	04702.4	-5522.0	286	11.3	10717.7	-5522.0
17	10.8	00505.9	-5512.0	107	10.3	02223.7	-5553.1	197	10.5	04741.0	-5511.0	287	11.0	10725.2	-5520.0
18	10.5	00520.9	-5521.0	108	10.3	02235.6	-5517.0	198	10.0	04742.1	-5501.0	288	11.3	10738.5	-5502.0
19	11.5	00525.0	-5527.0	109	10.3	02241.0	-5518.0	199	11.5	04742.1	-5534.0	289	9.8	10745.5	-5540.2
20	7.9	00546.3	-5527.0	110	10.0	02241.6	-5544.1	200	9.9	04744.6	-5529.0	290	10.3	10800.2	-5548.9
21	11.3	00549.7	-5515.0	111	7.9	02242.6	-5507.0	201	9.6	04755.9	-5559.9	291	11.5	10803.1	-5515.0
22	8.8	00550.4	-5504.0	112	10.5	02302.3	-5505.0	202	9.8	04800.6	-5521.0	292	11.5	10815.1	-5539.0
23	10.0	00612.3	-5526.0	113	9.6	02347.4	-5543.0	203	10.0	04814.0	-5533.4	293	8.3	10843.8	-5553.9
24	11.5	00620.9	-5536.0	114	9.2	02352.4	-5526.0	204	7.7	04825.0	-5516.0	294	9.7	10908.5	-5503.0
25	10.3	00631.8	-5511.0	115	9.5	02357.1	-5557.1	205	10.8	04938.0	-5530.0	295	11.5	10931.6	-5518.0
26	11.3	00633.4	-5554.2	116	10.8	02400.2	-5547.1	206	8.6	05004.2	-5541.2	296	12.0	10940.7	-5530.0
27	10.3	00634.2	-5535.6	117	10.8	02420.5	-5522.0	207	11.8	05026.0	-5532.0	297	10.8	10945.4	-5523.0
28	11.3	00635.3	-5501.0	118	9.2	02421.5	-5543.1	208	11.3	05033.0	-5506.0	298	9.9	10951.9	-5516.0
29	11.3	00657.7	-5501.0	119	7.4	02443.8	-5539.6	209	9.0	05104.6	-5538.0	299	10.8	10952.4	-5543.0
30	11.5	00700.5	-5504.0	120	11.3	02444.2	-5509.0	210	9.3	05110.4	-5543.9	300	10.0	11019.4	-5503.0

-55 301 1h10m

-55 660 3h09m

301	10.8	11052.2	-5553.0	391	11.0	13853.0	-5552.7	481	9.4	20603.0	-5515.2
302	9.8	11039.9	-5512.0	392	9.5	13834.2	-5535.7	482	9.8	20717.3	-5539.4
303	11.5	11101.0	-5522.0	393	11.0	13852.0	-5558.6	483	9.7	20745.3	-5557.1
304	11.5	11108.3	-5514.0	394	10.8	13909.5	-5534.6	484	10.0	20801.1	-5515.1
305	11.5	11133.7	-5537.0	395	10.8	13910.0	-5501.7	485	11.0	20848.5	-5545.0
306	10.3	11136.6	-5520.0	396	10.5	14005.6	-5505.7	486	10.0	20917.6	-5521.4
307	11.0	11156.3	-5546.0	397	10.8	14013.7	-5506.7	487	11.3	21022.4	-5543.0
308	8.5	11246.0	-5557.0	398	10.8	14015.6	-5503.7	488	9.1	21037.3	-5502.1
309	10.5	11254.1	-5551.0	399	10.3	14025.9	-5501.7	489	11.3	21048.0	-5554.0
310	10.0	11335.9	-5502.0	400	10.3	14050.2	-5555.6	490	10.0	21048.5	-5501.1
311	10.0	11342.0	-5544.0	401	10.0	14051.1	-5503.7	491	11.5	21048.9	-5545.0
312	10.0	11345.5	-5508.0	402	9.6	14115.0	-5552.6	492	10.5	21129.9	-5541.9
313	10.0	11349.9	-5505.0	403	10.5	14126.6	-5505.7	493	7.7	21140.8	-5551.3
314	8.3	11350.6	-5534.0	404	10.3	14126.7	-5536.2	494	10.0	21148.3	-5533.1
315	10.0	11423.2	-5504.0	405	10.8	14219.3	-5507.7	495	10.0	21214.4	-5534.1
316	11.5	11448.5	-5504.0	406	10.3	14229.5	-5556.6	496	10.0	21218.3	-5532.4
317	11.0	11510.6	-5557.0	407	10.3	14300.6	-5505.7	497	9.6	21223.7	-5544.8
318	11.0	11540.8	-5530.0	408	9.1	14337.0	-5524.7	498	10.3	21242.7	-5542.9
319	10.3	11550.3	-5517.0	409	10.8	14347.4	-5558.5	499	10.5	21249.8	-5554.0
320	10.8	11553.1	-5531.0	410	9.7	14420.0	-5511.7	500	9.3	21316.3	-5508.1
321	7.8	11600.7	-5537.0	411	9.8	14421.4	-5524.7	501	10.0	21320.5	-5513.1
322	10.5	11608.0	-5545.0	412	8.2	14527.6	-5504.7	502	10.0	21406.3	-5536.2
323	11.0	11612.0	-5525.0	413	10.5	14533.1	-5502.7	503	9.8	21409.5	-5517.2
324	11.0	11612.1	-5514.0	414	10.5	14629.8	-5517.7	504	9.3	21433.5	-5526.1
325	10.5	11638.0	-5523.0	415	8.3	14632.8	-5549.5	505	11.0	21515.2	-5551.9
326	9.5	11640.1	-5507.0	416	10.3	14649.7	-5520.7	506	8.2	21531.8	-5535.1
327	11.0	11652.1	-5518.0	417	10.8	14709.3	-5535.6	507	10.5	21543.9	-5555.9
328	10.5	11654.2	-5557.0	418	10.3	14713.2	-5501.6	508	10.0	21612.6	-5504.1
329	8.8	11702.1	-5554.0	419	10.3	14717.8	-5515.6	509	10.0	21615.0	-5512.4
330	8.9	11721.6	-5512.0	420	10.0	14722.9	-5555.5	510	10.5	21652.0	-5547.9
331	10.5	11740.0	-5501.0	421	10.5	14756.5	-5549.5	511	9.9	21653.4	-5559.9
332	10.8	11751.9	-5531.0	422	10.0	14804.9	-5555.5	512	10.0	21654.0	-5521.1
333	8.3	11752.9	-5544.0	423	9.7	14806.1	-5539.6	513	10.0	21759.8	-5502.3
334	10.5	11800.0	-5524.0	424	10.3	14831.3	-5540.6	514	9.7	21804.6	-5547.9
335	10.5	11802.5	-5522.0	425	10.8	14833.6	-5557.5	515	9.9	21818.5	-5519.1
336	11.0	11811.1	-5553.0	426	9.5	14834.6	-5505.6	516	9.5	21830.0	-5521.0
337	9.7	11832.2	-5502.0	427	10.8	14854.0	-5520.6	517	8.1	21900.3	-5506.1
338	9.5	11856.8	-5554.0	428	10.0	14900.9	-5540.4	518	11.5	21913.3	-5548.8
339	10.3	11933.2	-5556.0	429	8.1	14917.8	-5522.6	519	10.0	21927.4	-5519.1
340	11.5	12000.4	-5535.0	430	10.5	14943.0	-5543.4	520	8.6	21931.4	-5506.3
341	9.0	12010.1	-5545.0	431	10.3	14954.3	-5555.4	521	9.8	21933.0	-5524.1
342	9.5	12029.0	-5544.0	432	10.3	15001.3	-5544.4	522	10.5	21939.6	-5540.8
343	11.3	12049.1	-5517.0	433	10.8	15047.2	-5521.5	523	10.0	21946.9	-5508.8
344	11.0	12052.6	-5537.0	434	7.0	15118.0	-5541.5	524	9.7	22019.0	-5529.0
345	9.6	12141.6	-5535.0	435	10.5	15120.5	-5513.5	525	10.0	22056.3	-5502.2
346	9.9	12145.9	-5557.9	436	9.2	15136.5	-5501.5	526	10.0	22108.3	-5508.0
347	11.5	12203.5	-5504.9	437	9.6	15154.4	-5520.5	527	9.5	22111.2	-5544.8
348	7.6	12206.3	-5543.9	438	9.5	15230.9	-5513.8	528	10.0	22216.6	-5557.8
349	11.0	12209.0	-5536.9	439	8.5	15241.2	-5545.4	529	10.0	22238.0	-5514.0
350	11.5	12230.0	-5510.9	440	9.6	15310.1	-5519.8	530	9.5	22239.9	-5506.0
351	9.9	12238.3	-5553.9	441	10.5	15328.2	-5523.7	531	10.0	22243.0	-5533.4
352	11.5	12257.0	-5515.9	442	10.5	15333.0	-5557.4	532	10.0	22304.5	-5555.8
353	11.3	12341.6	-5525.9	443	10.8	15346.8	-5559.3	533	9.8	22315.0	-5517.2
354	10.8	12349.3	-5544.9	444	10.8	15520.0	-5555.3	534	10.0	22315.8	-5501.3
355	9.8	12407.4	-5502.9	445	10.5	15526.4	-5503.7	535	10.0	22349.0	-5519.0
356	10.3	12434.4	-5504.9	446	8.8	15539.6	-5501.7	536	10.0	22358.3	-5549.8
357	10.3	12456.8	-5511.9	447	6.9	15550.6	-5536.5	537	9.5	22421.2	-5556.8
358	11.0	12540.2	-5555.9	448	9.1	15626.3	-5550.3	538	10.0	22425.7	-5552.8
359	8.6	12742.2	-5522.9	449	10.8	15643.0	-5542.3	539	10.0	22500.3	-5502.0
360	11.5	12838.1	-5536.9	450	8.0	15650.0	-5545.3	540	9.8	22509.9	-5559.8
361	10.8	12842.3	-5536.9	451	10.8	15659.0	-5535.3	541	10.0	22521.4	-5505.0
362	9.7	12910.0	-5534.9	452	10.8	15711.3	-5510.7	542	9.9	22543.8	-5509.0
363	11.3	12956.5	-5528.8	453	10.8	15719.1	-5514.7	543	10.0	22634.0	-5514.0
364	11.5	13001.1	-5513.8	454	11.3	15745.7	-5545.3	544	10.0	22653.5	-5512.0
365	10.8	13002.4	-5503.8	455	10.5	15806.1	-5525.6	545	10.0	22732.7	-5558.8
366	11.5	13004.9	-5508.8	456	11.5	15820.3	-5554.3	546	10.0	22840.8	-5553.7
367	11.3	13010.2	-5512.8	457	10.0	15915.5	-5516.6	547	10.0	22842.0	-5542.7
368	10.3	13037.8	-5553.8	458	9.5	15930.6	-5513.6	548	9.1	22938.5	-5527.0
369	11.0	13038.5	-5512.8	459	10.8	15940.7	-5549.2	549	8.5	22946.5	-5529.0
370	10.5	13045.7	-5548.8	460	10.5	15944.0	-5533.4	550	10.0	23004.7	-5515.0
371	7.2	13051.9	-5552.8	461	6.7	20012.0	-5528.4	551	10.0	23011.2	-5508.0
372	8.9	13104.1	-5543.8	462	11.8	20054.4	-5542.2	552	10.0	23011.8	-5541.7
373	9.8	13110.8	-5540.8	463	9.8	20104.8	-5538.2	553	10.0	23014.6	-5558.7
374	10.3	13118.6	-5555.8	464	10.0	20149.8	-5537.2	554	10.0	23023.3	-5506.0
375	9.6	13123.3	-5533.8	465	7.0	20208.7	-5540.6	555	10.0	23111.7	-5556.7
376	11.5	13201.0	-5524.8	466	10.0	20212.0	-5519.2	556	10.0	23121.2	-5514.0
377	9.5	13213.0	-5511.8	467	9.0	20213.0	-5531.2	557	10.0	23223.5	-5511.0
378	9.6	13220.6	-5506.8	468	9.2	20248.1	-5545.0	558	10.0	23248.6	-5520.9
379	11.5	13301.2	-5525.8	469	10.5	20359.9	-5540.2	559	10.0	23257.9	-5503.9
380	9.6	13308.1	-5557.8	470	9.5	20404.5	-5526.4	560	9.5	23258.0	-5509.9
381	10.0	13336.0	-5511.8	471	10.8	20417.8	-5541.2	561	10.0	23304.4	-5556.6
382	9.3	13408.1	-5558.7	472	9.9	20428.3	-5504.2	562	9.3	23321.6	-5544.6
383	9.0	13422.1	-5552.7	473	9.6	20456.3	-5506.2	563	9.9	23348.6	-5538.9
384	7.1	13503.9	-5546.7	474	10.8	20514.7	-5548.1	564	9.0	23503.2	-5522.9
385	11.0	13559.1	-5536.7	475	10.0	20514.8	-5517.2	565	10.0	23503.9	-5505.9
386	11.0	13602.4	-5545.7	476	10.0	20516.6	-5511.2	566	8.0	23504.0	-5522.7
387	10.3	13640.4	-5557.7	477	10.0	20532.8	-5506.2	567	10.0	23526.6	-5536.6
388	10.5	13723.8	-5550.7	478	10.5	20544.7	-5545.1	568	5.2	23646.3	-5505.3
389	7.8	13805.7	-5519.7	479	9.9	20549.3	-5506.2	569	9.8	23700.1	-5507.9
390	8.7	13819.0	-5528.7	480	9.1	20549.7	-5543.8	570	10.0	23703.1	-5502.9
571	10.0	23708.9	-5548.8								
572	10.0	23718.1	-5550.5								
573	9.6	23735.7	-5559.5								
574	10.0	23739.7	-5528.9								
575	9.4	23744.9	-5524.1								
576	10.0	23750.5	-5552.5								
577	10.0	23901.6	-5503.8								
578	10.0	23905.4	-5529.8								
579	10.0	23921.1	-5504.8								
580	10.0	23937.9	-5548.5								
581	10.0	23944.3	-5543.5								
582	8.8	24002.6	-5519.1								
583	9.6	24018.0	-5528.8								
584	10.0	24037.3	-5556.3								
585	10.0	24037.5	-5528.8								
586	10.0	24137.6	-5553.4								
587	10.0	24149.5	-5513.8								
588	9.8	24152.3	-5558.2								
589	9.5	24200.3	-5502.8								
590	10.0	24213.5	-5518.8								
591	10.0	24217.9	-5517.8								
592	9.5	24236.0	-5559.2								
593	9.5	24245.3	-5533.1								
594	9.2	24246.8	-5558.5								
595	9.6	24309.3	-5502.8								
596	10.0	24340.5	-5530.8								
597	9.5	24343.2	-5559.2								
598	9.3	24405.1	-5547.4								
599	10.0	24519.2	-5508.8								
600	10.0	24540.4	-5521.8								
601	10.0	24545.3	-5509.8								
602	10.0	24546.9	-5527.8								
603	10.0	24554.4	-5548.3								
604	8.3	24613.4	-5539.0								
605	10.0	24621.3	-5515.7								
606	9.7	24640.5	-5558.6								
607	8.4	24740.5	-5535.4								
608	10.0	24905.3	-5558.2								
609	10.0	25032.3	-5543.2								
610	10.0	25113.9	-5513.7								
611	9.5	25132.1	-5550.2								
612	10.0	25147.4	-5515.7								
613	10.0	25155.6	-5509.7								
614	9.4	25245.1	-5544.6								
615	9.3	25254.8	-5508.7								
616	9.8	25314.5	-5528.7								
617	10.0	25343.1	-5525.7								
618	10.0	25359.4	-5502.7								
619	6.8	25359.5	-5530.9								
620	9.9	25409.8	-5506.7								
621	9.0	25442.6	-5544.1								
622	10.0	25442.9	-5510.7								
623	10.0	25448.6	-5535.1								
624	10.0	25511.6	-5518.5								
625	10.0	25539.7	-5549.3								
626	9.6	25550.6	-5555.0								
627	10.0	25601.1	-5538.1								
628	10.0	25755.1	-5545.7								
629	10.0	25846.1	-5544.7								
630	8.2	25901.2	-5527.6								
631	10.0	25910.3	-5532.6								
632	10.0	25918.0	-5533.3								
633	9.6	25949.6	-5558.7								
634	9.8	30005.0	-5547.0								
635	10.0	30043.0	-5553.9								
636	10.0	30109.9	-5524.3								
637	10.0	30129.0	-5546.3								
638	10.0	30142.8	-5516.6								
639	10.0	30209.6	-5552.6								
640	10.0	30318.0	-5539.3								
641	10.0	30404.2	-5508.6								
642	10.0	30412.9	-5553.6								
643	10.0	30420.3	-5511.8								
644	10.0	30423.3	-5538.6								
645	10.0	30430.6	-5534.4								
646	10.0	30504.6	-5538.6								
647	9.9	30531.9	-5526.6								
648	9.0	30613.5	-5529.8								
649	8.3	30622.4	-5557.6								
650	10.0	30635.7	-5549.5								
651	10.0	30638.5	-5553.5								
652	10.0	30648.8	-5516.6								
653	10.0	30659.1	-5550.5								
654	9.4	30728.0	-5529.8								
655	9.1	30734.3	-5538.1								
656	10.0	30739.9	-5500.6								
657	8.2	30740.2	-5521.6								
658	10.0	30850.0	-5540.8								
659	9.3	30911.0	-5538.7								
660	9.3	30914.8	-5500.2								

661	10.0	30931.1	-5523.7	751	10.5	33929.8	-5523.7	841	11.0	40922.3	-5535.7
662	8.9	31108.9	-5542.5	752	10.0	33940.4	-5534.0	842	10.0	40931.7	-5510.8
663	9.4	31148.3	-5543.3	753	10.0	33946.4	-5533.0	843	10.5	40931.9	-5557.6
664	8.6	31203.2	-5505.3	754	9.1	34006.3	-5505.9	844	10.5	40954.8	-5539.5
665	11.0	31214.9	-5515.3	755	10.0	34036.3	-5559.9	845	10.8	41009.8	-5536.5
666	11.0	31235.3	-5525.4	756	9.3	34100.7	-5518.1	846	9.1	41023.5	-5548.7
667	10.0	31332.8	-5544.4	757	10.0	34105.8	-5527.1	847	9.8	41055.2	-5538.2
668	10.0	31337.2	-5548.4	758	10.5	34133.9	-5515.3	848	10.0	41110.8	-5552.8
669	10.8	31341.2	-5509.4	759	9.1	34203.3	-5523.3	849	9.0	41133.3	-5501.8
670	10.0	31349.8	-5545.6	760	10.5	34308.1	-5501.2	850	10.0	41148.6	-5508.8
671	11.3	31416.0	-5520.3	761	9.5	34318.3	-5504.0	851	10.0	41204.3	-5501.8
672	8.6	31417.7	-5556.4	762	11.0	34412.0	-5532.2	852	10.0	41222.7	-5509.6
673	9.7	31440.9	-5542.4	763	10.0	34433.3	-5553.9	853	9.2	41226.9	-5510.8
674	9.8	31508.4	-5538.3	764	10.5	34543.4	-5500.2	854	10.3	41234.6	-5513.6
675	10.0	31554.8	-5533.4	765	10.0	34546.7	-5554.9	855	9.8	41240.9	-5557.4
676	10.0	31601.4	-5553.4	766	7.4	34547.6	-5523.0	856	10.0	41248.9	-5556.4
677	9.4	31648.7	-5500.2	767	10.0	34556.6	-5552.8	857	20.0	41259.5	-5554.4
678	10.8	31739.7	-5509.0	768	10.3	34625.0	-5522.2	858	8.9	41307.1	-5557.4
679	9.9	31802.8	-5526.7	769	9.2	34631.3	-5543.8	859	9.7	41308.9	-5525.8
680	10.0	31804.8	-5542.4	770	10.0	34641.4	-5551.8	860	10.8	41338.8	-5542.3
681	10.0	31831.8	-5548.4	771	8.9	34810.6	-5551.6	861	9.9	41419.8	-5532.8
682	10.0	31831.8	-5551.4	772	10.8	34812.8	-5529.2	862	10.5	41420.7	-5549.3
683	10.0	31848.8	-5553.4	773	10.8	34817.5	-5519.2	863	9.7	41458.2	-5534.9
684	8.6	31858.1	-5508.2	774	9.7	34909.6	-5527.0	864	11.0	41509.8	-5519.7
685	10.0	31907.3	-5557.4	775	11.0	34913.9	-5517.2	865	8.7	41513.2	-5536.9
686	10.5	31949.3	-5528.0	776	9.7	34927.9	-5538.5	866	10.8	41548.8	-5531.5
687	9.9	32009.3	-5542.1	777	10.0	34931.4	-5557.8	867	9.7	41551.2	-5531.0
688	10.0	32010.7	-5553.3	778	9.7	34949.4	-5553.8	868	9.5	41609.6	-5515.7
689	10.5	32018.3	-5531.1	779	10.0	34951.2	-5544.6	869	11.8	41612.3	-5537.3
690	10.0	32103.3	-5550.3	780	10.0	35016.6	-5553.8	870	10.0	41623.4	-5501.7
691	10.0	32138.8	-5545.7	781	8.0	35021.1	-5513.2	871	8.1	41640.1	-5511.5
692	10.0	32216.8	-5555.3	782	9.8	35021.1	-5510.0	872	10.8	41700.2	-5556.3
693	9.5	32245.5	-5502.0	783	10.8	35055.5	-5539.2	873	10.5	41708.9	-5559.1
694	8.6	32302.1	-5519.6	784	11.0	35056.1	-5501.2	874	20.0	41709.5	-5514.2
695	9.7	32304.8	-5550.5	785	10.0	35058.4	-5538.8	875	11.0	41712.3	-5548.3
696	8.9	32332.4	-5554.3	786	10.0	35119.3	-5538.8	876	10.8	41719.7	-5549.3
697	9.5	32417.5	-5513.0	787	9.6	35124.6	-5516.2	877	9.7	41733.8	-5524.9
698	10.5	32419.4	-5518.2	788	10.0	35141.2	-5544.8	878	10.5	41806.7	-5557.1
699	9.7	32419.8	-5550.6	789	10.0	35209.8	-5552.7	879	8.6	41949.0	-5523.6
700	11.0	32427.2	-5500.0	790	10.3	35231.3	-5536.8	880	9.7	42019.2	-5536.1
701	10.3	32514.8	-5526.0	791	9.5	35240.7	-5500.2	881	10.0	42020.7	-5543.2
702	11.0	32527.4	-5507.0	792	10.0	35250.3	-5523.2	882	9.4	42027.0	-5538.1
703	10.3	32533.8	-5535.2	793	10.0	35340.6	-5535.7	883	10.0	42038.2	-5534.1
704	9.1	32614.2	-5512.4	794	10.8	35341.1	-5538.2	884	11.0	42110.9	-5502.1
705	7.9	32705.8	-5514.0	795	9.9	35353.4	-5549.7	885	10.0	42119.6	-5536.1
706	11.0	32716.3	-5542.2	796	10.3	35359.7	-5534.0	886	9.1	42121.7	-5558.5
707	10.0	32744.1	-5542.2	797	9.7	35410.1	-5515.1	887	10.8	42128.1	-5546.2
708	10.8	32755.6	-5510.9	798	9.5	35415.8	-5527.1	888	11.5	42157.7	-5556.1
709	7.4	32804.6	-5540.4	799	10.0	35432.0	-5538.7	889	9.8	42159.2	-5523.7
710	10.0	32817.1	-5533.3	800	9.6	35506.4	-5528.2	890	9.6	42219.9	-5527.1
711	10.0	32908.3	-5551.4	801	10.3	35518.1	-5515.4	891	9.6	42243.2	-5513.0
712	10.0	32909.8	-5548.6	802	9.2	35601.6	-5511.9	892	9.9	42244.8	-5512.0
713	10.0	32918.3	-5557.2	803	10.3	35619.8	-5521.1	893	10.0	42305.1	-5501.0
714	9.3	32925.1	-5518.9	804	9.8	35659.9	-5524.0	894	10.0	42309.7	-5523.0
715	10.0	32927.7	-5553.2	805	10.8	35701.1	-5537.0	895	10.0	42314.0	-5508.1
716	10.8	32935.0	-5527.5	806	9.9	35706.2	-5543.0	896	10.0	42317.3	-5515.2
717	10.0	32947.4	-5515.2	807	10.8	35728.9	-5548.0	897	8.4	42353.3	-5529.2
718	10.0	33017.5	-5552.2	808	10.5	35736.7	-5522.1	898	8.8	42355.8	-5542.1
719	10.0	33039.5	-5559.2	809	9.7	35753.4	-5537.1	899	9.8	42402.9	-5539.0
720	8.9	33100.2	-5501.9	810	11.5	35819.8	-5545.9	900	11.3	42523.0	-5535.9
721	10.3	33122.3	-5523.8	811	9.9	35829.3	-5548.2	901	10.5	42545.7	-5535.9
722	9.5	33159.8	-5537.0	812	9.0	35939.3	-5505.3	902	10.5	42557.8	-5533.2
723	10.0	33203.0	-5554.1	813	11.0	35944.2	-5524.1	903	10.3	42600.0	-5515.9
724	10.5	33256.1	-5526.1	814	10.5	35951.0	-5527.0	904	9.9	42610.8	-5540.3
725	11.0	33259.0	-5530.8	815	8.5	40008.2	-5556.2	905	10.5	42619.6	-5516.9
726	9.6	33321.9	-5533.5	816	10.5	40016.4	-5529.8	906	9.8	42634.4	-5530.9
727	10.0	33332.1	-5544.1	817	7.6	40101.5	-5544.4	907	10.8	42652.2	-5505.9
728	9.9	33346.8	-5521.8	818	10.5	40110.5	-5556.8	908	9.9	42654.0	-5508.9
729	10.0	33409.9	-5543.1	819	10.3	40159.7	-5512.8	909	9.1	42720.5	-5547.2
730	9.3	33429.8	-5536.0	820	10.8	40216.5	-5519.0	910	9.9	42859.0	-5528.8
731	8.3	33437.7	-5548.2	821	9.9	40250.8	-5548.8	911	11.0	42909.1	-5534.8
732	10.5	33530.3	-5529.8	822	10.8	40255.0	-5522.0	912	9.8	42929.6	-5526.9
733	11.0	33538.6	-5507.8	823	10.5	40257.6	-5505.0	913	10.8	42953.6	-5552.3
734	10.5	33540.3	-5505.8	824	11.0	40301.8	-5547.8	914	9.4	43001.2	-5531.8
735	10.3	33603.8	-5539.7	825	8.5	40325.8	-5534.9	915	7.3	43006.5	-5551.8
736	10.0	33609.8	-5552.3	826	10.3	40339.0	-5543.7	916	3.5	43118.0	-5518.2
737	10.0	33622.8	-5546.0	827	11.0	40345.1	-5520.0	917	9.5	43126.8	-5518.7
738	10.0	33629.8	-5548.0	828	11.5	40451.8	-5541.7	918	8.8	43134.4	-5536.8
739	9.0	33642.4	-5548.0	829	9.9	40504.3	-5543.7	919	11.5	43142.4	-5546.9
740	7.9	33657.9	-5557.0	830	11.0	40545.2	-5514.9	920	11.0	43152.1	-5504.7
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742	8.8	33737.3	-5527.7	832	9.9	40614.4	-5521.9	922	9.5	43201.1	-5517.7
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745	10.0	33823.1	-5550.0	835	10.5	40718.5	-5504.9	925	10.5	43218.1	-5549.8
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748	11.0	33908.5	-5505.7	838	11.5	40824.1	-5544.6	928	9.6	43250.4	-5506.7
749	11.0	33916.8	-5538.7	839	11.3	40828.8	-5559.6	929	11.5	43253.8	-5546.8
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937	9.3	43417.1	-5535.8								
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946	10.8	43651.5	-5523.6								
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952	11.0	43800.2	-5508.5								
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955	10.8	43822.9	-5505.5								
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967	9.5	44221.6	-5526.6								
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974	10.8	44413.4	-5531.3								
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976	10.0	44507.8	-5500.2								
977	10.8	44507.8	-5525.3								
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1004	11.3	45224.4	-5556.8								
1005	11.5	45225.1	-5543.8								
1006	9.8	45229.6	-5530.0								
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1008	9.9	45237.3	-5534.0								
1009	10.8	45245.3	-5542.8								
1010	10.5	45248.6	-5547.8								
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1014	9.6	45409.3	-5500.6								
1015	9.3	45420.1	-5557.9								
1016	9.7	45421.3	-5523.9								
1017	9.7	45431.6	-5519.9								
1018	7.8	45437.0	-5548.0								
1019	9.9	45450.8	-5521.7								
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-55 1021 4h55m

-55 1380 6h07m

1021	9.8	45511.4	-5503.6	1111	10.0	51441.9	-5517.0	1201	10.0	53149.5	-5538.7
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1024	10.5	45552.7	-5512.9	1114	10.0	51515.9	-5530.9	1204	9.3	53219.0	-5520.3
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1029	11.0	45733.9	-5554.5	1119	10.0	51602.9	-5555.3	1209	10.0	53253.5	-5525.2
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1037	10.5	50004.3	-5521.8	1127	9.7	51839.1	-5505.8	1217	9.4	53530.0	-5524.0
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1039	8.8	50015.0	-5551.2	1129	10.0	51912.4	-5533.8	1219	10.0	53556.6	-5553.7
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1042	11.3	50051.9	-5553.4	1132	10.5	51942.4	-5540.4	1222	10.0	53605.7	-5500.0
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1044	10.0	50121.8	-5529.7	1134	10.5	52013.8	-5557.4	1224	9.2	53701.4	-5540.5
1045	11.0	50138.0	-5542.3	1135	10.0	52015.4	-5518.7	1225	10.0	53702.1	-5509.0
1046	9.7	50210.9	-5549.1	1136	10.5	52017.6	-5541.1	1226	9.4	53715.6	-5539.7
1047	9.1	50212.3	-5506.7	1137	11.0	52029.3	-5514.7	1227	10.0	53748.5	-5518.0
1048	8.5	50212.8	-5540.2	1138	10.5	52046.5	-5506.4	1228	10.0	53750.4	-5521.0
1049	10.3	50227.8	-5553.3	1139	10.0	52048.5	-5504.4	1229	9.7	53751.6	-5527.9
1050	8.7	50232.9	-5531.6	1140	10.0	52110.7	-5527.7	1230	10.5	53803.6	-5539.0
1051	7.3	50235.9	-5537.2	1141	10.0	52114.0	-5540.4	1231	10.0	53805.3	-5507.9
1052	11.5	50315.8	-5539.2	1142	9.1	52115.9	-5542.1	1232	9.9	53812.6	-5527.9
1053	11.8	50321.2	-5558.2	1143	9.8	52124.9	-5553.1	1233	9.7	53831.7	-5557.7
1054	10.3	50406.3	-5540.3	1144	9.6	52149.4	-5546.2	1234	9.6	53900.2	-5535.8
1055	10.3	50438.7	-5526.6	1145	9.9	52150.9	-5509.5	1235	10.0	53919.0	-5527.9
1056	8.5	50438.9	-5556.4	1146	10.0	52201.8	-5523.7	1236	10.0	53923.8	-5517.9
1057	10.5	50451.7	-5500.6	1147	10.0	52206.3	-5529.7	1237	9.5	53929.0	-5519.8
1058	9.7	50459.5	-5555.4	1148	11.0	52207.4	-5557.1	1238	10.0	53929.4	-5534.9
1059	7.6	50503.4	-5509.3	1149	10.0	52209.3	-5517.7	1239	10.0	53946.2	-5533.6
1060	11.0	50505.1	-5539.1	1150	10.0	52221.8	-5547.0	1240	10.0	54025.6	-5519.8
1061	9.9	50538.2	-5543.1	1151	10.0	52248.2	-5508.6	1241	10.0	54028.0	-5526.8
1062	8.7	50608.2	-5559.0	1152	9.9	52249.9	-5544.1	1242	11.0	54029.3	-5532.8
1063	9.6	50609.1	-5521.3	1153	10.0	52257.1	-5507.6	1243	10.8	54032.9	-5543.6
1064	10.0	50613.0	-5509.3	1154	10.3	52319.9	-5546.1	1244	10.0	54037.1	-5521.8
1065	9.1	50618.7	-5544.1	1155	9.5	52348.9	-5531.8	1245	10.0	54054.1	-5503.8
1066	11.8	50621.6	-5552.1	1156	11.0	52410.9	-5505.6	1246	10.0	54059.2	-5514.8
1067	9.4	50630.0	-5509.3	1157	10.0	52411.4	-5500.6	1247	11.0	54131.2	-5552.6
1068	11.0	50637.2	-5542.1	1158	10.0	52420.5	-5515.8	1248	9.9	54132.6	-5505.8
1069	10.8	50647.7	-5543.1	1159	10.0	52436.3	-5500.6	1249	10.0	54134.8	-5512.8
1070	11.0	50702.1	-5553.0	1160	10.0	52445.5	-5510.8	1250	11.0	54139.7	-5540.6
1071	11.0	50707.5	-5542.0	1161	10.5	52504.7	-5554.0	1251	10.0	54144.6	-5508.7
1072	10.3	50729.2	-5554.0	1162	10.3	52513.4	-5548.0	1252	9.9	54145.6	-5500.7
1073	9.2	50738.4	-5543.0	1163	10.0	52527.2	-5504.6	1253	7.9	54154.7	-5544.7
1074	11.5	50742.8	-5533.0	1164	9.9	52528.6	-5507.6	1254	11.0	54204.1	-5552.6
1075	10.0	50745.2	-5534.3	1165	10.0	52533.6	-5528.6	1255	10.3	54226.6	-5552.9
1076	11.5	50750.4	-5549.0	1166	10.5	52536.7	-5540.0	1256	11.0	54255.6	-5546.4
1077	10.0	50752.2	-5505.2	1167	10.0	52539.1	-5515.5	1257	8.4	54256.5	-5546.0
1078	9.6	50810.8	-5514.8	1168	10.0	52550.8	-5506.5	1258	10.3	54256.5	-5540.6
1079	8.4	50818.3	-5540.2	1169	11.0	52554.1	-5519.5	1259	10.0	54303.0	-5513.7
1080	10.0	50820.2	-5520.0	1170	10.0	52610.1	-5535.3	1260	7.3	54310.4	-5537.5
1081	10.0	50859.9	-5527.9	1171	10.5	52654.0	-5521.1	1261	10.5	54325.7	-5537.6
1082	9.4	50905.4	-5555.9	1172	10.5	52659.1	-5552.0	1262	10.3	54342.0	-5548.5
1083	9.4	50917.3	-5510.2	1173	10.5	52725.7	-5540.9	1263	9.6	54401.0	-5535.6
1084	11.0	50924.4	-5534.8	1174	10.0	52750.0	-5516.4	1264	8.1	54405.9	-5558.7
1085	10.0	50936.4	-5531.2	1175	9.9	52757.4	-5513.4	1265	10.8	54407.1	-5552.5
1086	9.0	50938.2	-5558.7	1176	10.0	52758.5	-5511.4	1266	10.0	54407.7	-5553.5
1087	11.3	50952.5	-5541.0	1177	10.0	52814.9	-5517.4	1267	9.2	54445.5	-5536.6
1088	9.8	51017.9	-5544.9	1178	9.6	52819.5	-5545.9	1268	10.0	54449.0	-5525.8
1089	10.0	51040.2	-5523.1	1179	9.9	52822.1	-5503.4	1269	11.0	54449.4	-5554.5
1090	11.0	51101.7	-5546.8	1180	9.9	52838.5	-5546.9	1270	8.7	54508.4	-5504.6
1091	7.2	51102.0	-5542.8	1181	10.0	52857.5	-5516.4	1271	9.8	54521.0	-5525.8
1092	10.0	51138.8	-5516.1	1182	11.0	52901.8	-5521.7	1272	9.8	54600.0	-5514.6
1093	11.0	51148.7	-5546.1	1183	10.0	52903.0	-5510.2	1273	10.0	54600.6	-5501.4
1094	9.3	51203.3	-5547.8	1184	10.0	52903.0	-5516.6	1274	9.9	54604.6	-5500.6
1095	10.0	51204.4	-5510.1	1185	11.0	52923.3	-5555.9	1275	8.6	54628.0	-5553.5
1096	10.5	51209.1	-5551.8	1186	10.0	52942.2	-5528.4	1276	10.5	54642.9	-5558.5
1097	9.0	51249.0	-5533.1	1187	10.0	52946.0	-5519.0	1277	10.0	54658.7	-5535.6
1098	10.0	51256.4	-5503.0	1188	10.0	52953.4	-5539.9	1278	10.5	54714.0	-5553.6
1099	11.0	51306.3	-5531.0	1189	10.0	52955.3	-5533.4	1279	9.2	54715.0	-5525.6
1100	9.3	51307.9	-5522.0	1190	10.5	53009.5	-5554.9	1280	10.0	54745.0	-5527.7
1101	10.0	51317.7	-5526.0	1191	10.5	53021.1	-5552.9	1281	7.4	54747.1	-5506.8
1102	10.3	51318.4	-5548.7	1192	10.0	53025.7	-5521.3	1282	8.7	54749.8	-5538.6
1103	10.5	51337.5	-5544.7	1193	10.3	53034.3	-5554.9	1283	7.4	54751.3	-5505.1
1104	10.3	51348.0	-5550.9	1194	10.0	53047.0	-5528.3	1284	9.6	54803.0	-5519.5
1105	9.0	51349.5	-5545.3	1195	10.0	53051.5	-5554.1	1285	10.0	54846.1	-5527.3
1106	10.0	51350.6	-5517.0	1196	10.5	53056.6	-5516.3	1286	11.0	54901.9	-5553.4
1107	10.0	51353.0	-5548.9	1197	9.9	53103.0	-5515.2	1287	10.5	54921.0	-5541.0
1108	10.0	51412.7	-5505.0	1198	10.5	53107.9	-5558.9	1288	10.3	54934.4	-5539.4
1109	9.8	51420.9	-5512.0	1199	9.9	53113.5	-5514.0	1289	10.0	54935.0	-5514.5
1110	10.5	51431.0	-5538.9	1200	11.0	53119.3	-5544.8	1290	9.8	54935.6	-5504.2
1291	10.0	54951.0	-5531.4
1292	9.4	54954.6	-5503.4
1293	10.0	54955.3	-5536.4
1294	9.9	54958.4	-5555.5
1295	10.0	55003.6	-5504.4
1296	10.0	55021.5	-5528.0
1297	9.5	55027.0	-5543.2
1298	10.0	55059.6	-5533.4
1299	9.9	55113.9	-5546.2
1300	10.5	55122.0	-5558.3
1301	9.0	55133.1	-5507.2
1302	8.9	55213.4	-5552.3
1303	10.0	55218.7	-5534.4
1304	9.3	55237.1	-5514.6
1305	9.1	55315.9	-5549.3
1306	10.3	55322.0	-5533.6
1307	10.0	55324.5	-5518.3
1308	11.0	55324.9	-5500.3
1309	10.0	55337.3	-5501.3
1310	10.0	55347.9	-5513.3
1311	9.1	55416.4	-5535.6
1312	10.0	55419.0	-5500.3
1313	9.9	55419.5	-5523.3
1314	11.0	55452.2	-5557.3
1315	10.0	55453.5	-5525.3
1316	9.9	55505.0	-5518.3
1317	10.8	55508.2	-5540.2
1318	10.0	55512.9	-5530.3
1319	10.0	55532.0	-5508.3
1320	10.0	55533.1	-5512.2
1321	10.0	55538.2	-5537.2
1322	10.0	55545.3	-5525.2
1323	9.5	55601.4	-5513.0
1324	10.0	55606.1	-5505.2
1325	10.5	55617.3	-5554.2
1326	10.8	55632.4	-5548.5
1327	10.5	55700.5	-5543.2
1328	10.8	55708.3	-5553.2
1329	10.8	55709.9	-5553.2
1330	9.5	55718.3	-5522.1
1331	10.0	55727.4	-5534.5
1332	9.4	55736.4	-5513.2
1333	10.0	55738.1	-5505.1
1334	9.0	55807.1	-5505.2
1335	10.8	55901.0	-5543.1
1336	9.9	55912.0	-5519.1
1337	9.8	55912.4	-5513.0
1338	9.3	55913.4	-5547.1
1339	10.0	60030.3	-5532.0
1340	9.8	60048.3	-5539.4
1341	9.5	60059.9	-5548.1
1342	9.2	60108.0	-5546.1
1343	9.6	60110.6	-5513.0
1344	10.0	60120.4	-5526.9
1345	10.3	60121.5	-5557.1
1346	10.0	60125.1	-5516.9
1347	10.0	60128.8	-5524.9
1348	10.0	60143.3	-5510.9
1349	11.0	60145.7	-5559.1
1350	9.0	60155.7	-5556.1
1351	10.8	60219.9	-5546.1
1352	8.8	60224.7	-5556.1
1353	10.0	60248.5	-5512.9
1354	10.0	60308.6	-5512.9
1355	9.4	60314.7	-5505.8
1356	10.8	60315.6	-5548.0
1357	10.0	60330.9	-5517.8
1358	8.1	60345.8	-5557.1
1359	9.9	60351.6	-5515.8
1360	10.3	60357.0	-5544.0
1361	10.5	60413.1	-5543.0
1362	9.7	60427.6	-5517.8
1363	9.8	60453.5	-5550.2
1364	10.0	60454.2	-5527.8
1365	10.0	60459.6	-5512.8
1366	8.0	60517.2	-5541.0
1367	10.0	60523.6	-5520.8
1368	10.0	60537.2	-5522.8
1369	9.8	60549.0	-5536.1
1370	9.9	60551.9	-5538.2
1371	9.0	60553.7	-5513.5
1372	11.0	60557.4	-5554.9
1373	11.0	60632.2	-5552.9
1374	10.0	60632.7	-5502.7
1375	10.0	60651.7	-5522.7
1376	11.0	60652.9	-5519.7
1377	9.9	60658.6	-5500.7
1378	10.0	60707.8	-5511.7
1379	9.3	60721.0	-5538.8
1380	9.9	60732.2	-5537.8

-55 1381 6h07m

-55 1740 7h12m

1381	10.8	60741.3	-5537.9	1471	10.0	62858.4	-5505.0	1561	8.6	64505.9	-5507.3
1382	10.0	60745.0	-5523.7	1472	10.0	62902.7	-5534.0	1562	9.5	64516.3	-5515.2
1383	10.0	60747.7	-5533.7	1473	9.9	62937.5	-5518.0	1563	10.0	64518.9	-5519.2
1384	10.0	60802.8	-5524.7	1474	8.0	63010.2	-5533.3	1564	10.0	64539.5	-5505.2
1385	9.9	60811.3	-5507.0	1475	10.8	63013.6	-5543.3	1565	11.0	64543.9	-5539.0
1386	11.0	60814.2	-5548.8	1476	10.0	63044.2	-5525.0	1566	9.1	64550.2	-5518.5
1387	11.0	60828.5	-5540.8	1477	10.8	63047.4	-5554.3	1567	8.4	64553.6	-5556.7
1388	10.3	60841.5	-5557.8	1478	10.0	63049.8	-5519.0	1568	9.8	64554.6	-5503.8
1389	10.0	60845.8	-5504.9	1479	11.0	63049.8	-5541.3	1569	10.0	64608.1	-5506.0
1390	10.0	60851.3	-5503.6	1480	9.6	63054.5	-5519.2	1570	9.9	64626.0	-5527.0
1391	10.0	60857.6	-5531.3	1481	11.0	63101.5	-5554.2	1571	10.0	64656.1	-5508.1
1392	8.7	60924.6	-5546.0	1482	10.3	63106.0	-5559.2	1572	9.9	64701.4	-5518.4
1393	10.0	60945.6	-5534.6	1483	10.0	63110.6	-5546.0	1573	10.5	64701.9	-5541.9
1394	9.9	60957.6	-5528.4	1484	11.0	63116.5	-5537.0	1574	10.0	64705.9	-5507.1
1395	9.6	61011.8	-5545.6	1485	8.9	63155.0	-5508.0	1575	7.7	64739.1	-5545.6
1396	10.5	61029.1	-5548.8	1486	9.9	63158.2	-5519.8	1576	10.0	64750.9	-5531.7
1397	11.0	61049.7	-5543.8	1487	9.9	63200.6	-5544.2	1577	10.0	64801.3	-5515.8
1398	10.3	61112.2	-5542.8	1488	10.0	63218.6	-5527.0	1578	10.0	64804.5	-5523.8
1399	10.8	61127.6	-5549.8	1489	9.8	63230.4	-5502.0	1579	8.9	64806.0	-5535.8
1400	10.8	61138.6	-5551.8	1490	10.0	63237.5	-5533.0	1580	10.0	64839.3	-5507.9
1401	10.0	61202.1	-5508.5	1491	10.0	63242.8	-5536.0	1581	10.0	64840.3	-5525.6
1402	10.5	61204.7	-5542.7	1492	9.2	63320.0	-5554.8	1582	10.0	64903.5	-5506.9
1403	10.3	61217.7	-5557.7	1493	10.8	63326.9	-5551.2	1583	9.2	64908.0	-5526.1
1404	9.3	61222.1	-5545.7	1494	9.2	63327.3	-5514.8	1584	10.0	64908.7	-5533.7
1405	9.4	61240.0	-5517.3	1495	10.0	63354.2	-5524.0	1585	9.5	64914.9	-5541.9
1406	10.0	61252.5	-5522.5	1496	10.3	63357.2	-5545.2	1586	10.0	64921.4	-5506.9
1407	10.0	61305.5	-5520.4	1497	10.0	63412.0	-5500.0	1587	8.1	64938.1	-5548.2
1408	10.0	61306.6	-5524.6	1498	10.0	63421.2	-5531.0	1588	9.7	64949.9	-5557.6
1409	10.0	61307.7	-5506.4	1499	10.0	63440.0	-5508.3	1589	10.0	64959.9	-5515.1
1410	10.5	61309.0	-5554.9	1500	9.5	63448.5	-5519.2	1590	9.7	65041.7	-5519.8
1411	10.5	61310.8	-5543.7	1501	10.5	63505.5	-5557.4	1591	10.3	65044.0	-5547.7
1412	9.8	61328.6	-5514.8	1502	10.0	63507.8	-5508.6	1592	9.9	65050.3	-5518.5
1413	10.8	61329.7	-5545.7	1503	6.9	63510.3	-5514.0	1593	10.0	65050.3	-5501.8
1414	10.0	61337.9	-5533.4	1504	10.8	63525.4	-5536.4	1594	10.5	65059.1	-5545.7
1415	10.0	61359.6	-5545.4	1505	9.9	63551.6	-5540.5	1595	11.0	65109.9	-5556.2
1416	10.0	61416.2	-5532.0	1506	9.7	63621.7	-5533.5	1596	10.0	65126.4	-5514.8
1417	11.0	61421.4	-5553.7	1507	10.3	63624.8	-5535.6	1597	10.0	65128.2	-5506.8
1418	10.0	61425.1	-5515.4	1508	10.3	63627.6	-5535.2	1598	8.8	65134.6	-5537.5
1419	7.5	61442.4	-5522.2	1509	9.3	63631.4	-5511.8	1599	10.3	65147.5	-5546.5
1420	9.6	61447.8	-5524.4	1510	9.7	63649.7	-5550.4	1600	11.0	65158.2	-5559.5
1421	10.0	61457.3	-5501.4	1511	10.0	63704.2	-5521.9	1601	11.0	65203.6	-5558.5
1422	10.0	61510.1	-5510.4	1512	9.8	63706.3	-5513.9	1602	11.0	65219.5	-5556.5
1423	9.8	61522.7	-5532.4	1513	10.0	63713.3	-5506.9	1603	8.4	65220.9	-5505.8
1424	10.0	61536.3	-5521.4	1514	9.8	63719.6	-5529.9	1604	9.3	65229.4	-5538.6
1425	9.9	61539.2	-5523.2	1515	9.7	63739.7	-5526.7	1605	10.0	65233.9	-5521.8
1426	10.0	61546.6	-5522.3	1516	9.7	63749.2	-5524.9	1606	10.0	65250.5	-5505.8
1427	10.5	61600.8	-5556.6	1517	9.8	63801.2	-5555.3	1607	10.0	65302.0	-5504.8
1428	10.0	61610.7	-5512.4	1518	10.0	63813.7	-5530.9	1608	10.8	65310.8	-5543.4
1429	10.0	61650.3	-5529.3	1519	10.0	63816.7	-5528.9	1609	10.5	65313.4	-5539.6
1430	10.0	61706.3	-5534.3	1520	9.8	63839.2	-5505.7	1610	10.5	65330.3	-5551.4
1431	9.2	61828.6	-5536.9	1521	10.0	63839.8	-5520.8	1611	9.8	65330.3	-5525.7
1432	10.0	61849.1	-5540.6	1522	10.0	63840.7	-5534.9	1612	9.4	65331.3	-5525.7
1433	11.0	61855.0	-5553.6	1523	10.5	63858.2	-5554.3	1613	8.7	65358.2	-5555.3
1434	10.3	61902.7	-5552.6	1524	8.3	63917.3	-5552.3	1614	9.8	65358.6	-5520.6
1435	10.0	61903.3	-5520.2	1525	9.9	63921.4	-5523.6	1615	9.5	65400.3	-5523.5
1436	10.5	62020.6	-5559.5	1526	10.0	63923.7	-5514.9	1616	10.0	65401.9	-5540.5
1437	10.3	62023.5	-5533.6	1527	10.0	63929.7	-5530.9	1617	10.0	65409.5	-5527.7
1438	10.8	62025.5	-5558.5	1528	10.0	63936.8	-5518.9	1618	10.5	65419.9	-5558.5
1439	10.3	62040.6	-5553.5	1529	10.0	63938.2	-5500.9	1619	10.0	65432.0	-5534.3
1440	10.0	62042.5	-5534.4	1530	10.0	64003.9	-5550.3	1620	9.8	65432.4	-5538.1
1441	10.5	62045.5	-5543.8	1531	7.9	64030.3	-5553.2	1621	8.9	65446.7	-5544.5
1442	10.0	62049.4	-5536.2	1532	11.0	64033.7	-5552.2	1622	7.9	65501.0	-5556.3
1443	10.0	62103.7	-5504.0	1533	10.5	64035.3	-5542.2	1623	7.9	65501.2	-5529.7
1444	10.8	62119.5	-5533.4	1534	10.0	64046.6	-5507.1	1624	10.0	65529.6	-5506.4
1445	9.9	62153.3	-5531.0	1535	9.3	64049.0	-5500.6	1625	11.0	65533.7	-5530.7
1446	10.0	62200.7	-5508.5	1536	8.7	64050.6	-5506.1	1626	10.5	65542.7	-5555.2
1447	10.0	62206.9	-5526.2	1537	10.0	64052.0	-5550.2	1627	10.8	65556.9	-5545.2
1448	9.6	62231.8	-5546.4	1538	10.0	64055.7	-5501.0	1628	7.3	65613.6	-5533.0
1449	7.5	62245.6	-5539.3	1539	10.0	64113.4	-5518.4	1629	9.4	65614.3	-5526.9
1450	10.0	62300.2	-5520.2	1540	9.8	64114.1	-5538.2	1630	9.9	65630.8	-5522.7
1451	9.6	62310.4	-5540.8	1541	10.5	64118.0	-5540.2	1631	11.0	65644.8	-5549.2
1452	9.2	62318.2	-5505.2	1542	10.0	64128.9	-5530.4	1632	10.0	65705.5	-5516.6
1453	10.0	62324.9	-5530.0	1543	9.0	64131.1	-5504.4	1633	10.0	65711.9	-5516.8
1454	9.9	62335.2	-5502.2	1544	10.0	64152.0	-5519.4	1634	10.0	65712.3	-5534.6
1455	9.7	62340.3	-5530.2	1545	10.0	64208.8	-5501.4	1635	10.0	65714.1	-5509.8
1456	10.5	62418.0	-5548.4	1546	10.3	64221.2	-5549.1	1636	10.8	65716.9	-5534.2
1457	10.3	62533.7	-5551.6	1547	10.5	64243.3	-5548.1	1637	9.8	65724.1	-5504.6
1458	10.0	62558.1	-5536.6	1548	10.0	64249.4	-5501.3	1638	9.6	65725.4	-5542.2
1459	10.3	62625.0	-5540.4	1549	10.3	64322.4	-5549.1	1639	9.3	65732.4	-5533.0
1460	8.1	62626.7	-5549.8	1550	9.1	64323.5	-5505.3	1640	10.5	65746.3	-5551.1
1461	10.0	62635.0	-5507.0	1551	10.0	64326.4	-5500.1	1641	10.3	65820.3	-5545.2
1462	10.0	62636.2	-5511.0	1552	10.3	64334.8	-5540.2	1642	9.7	65821.3	-5549.2
1463	10.0	62645.3	-5533.0	1553	10.3	64338.3	-5550.8	1643	10.5	65822.6	-5539.2
1464	10.0	62650.3	-5531.0	1554	10.8	64350.6	-5556.1	1644	10.0	65826.7	-5502.6
1465	8.8	62701.0	-5525.8	1555	10.3	64410.4	-5537.8	1645	10.0	65836.6	-5503.4
1466	10.0	62708.2	-5508.0	1556	10.0	64412.7	-5520.3	1646	11.0	65844.3	-5513.6
1467	9.3	62709.8	-5553.3	1557	10.5	64414.5	-5557.0	1647	10.3	65851.0	-5552.1
1468	10.0	62724.3	-5516.0	1558	9.3	64443.3	-5508.1	1648	10.0	65852.1	-5517.6
1469	9.5	62733.2	-5545.4	1559	10.0	64448.4	-5514.2	1649	11.0	65857.8	-5543.1
1470	10.0	62822.2	-5539.0	1560	5.7	64453.0	-5524.2	1650	10.3	65908.5	-5558.1
1651	10.0	65928.8	-5524.5								
1652	10.0	65933.3	-5522.5								
1653	8.6	65940.9	-5515.5								
1654	10.5	70036.0	-5559.9								
1655	10.0	70036.9	-5519.6								
1656	10.0	70044.6	-5509.5								
1657	8.6	70045.0	-5519.3								
1658	8.9	70047.0	-5527.5								
1659	8.9	70059.5	-5537.6								
1660	7.7	70103.0	-5545.9								
1661	10.0	70110.3	-5524.3								
1662	10.0	70142.4	-5514.5								
1663	10.0	70142.6	-5506.5								
1664	10.0	70154.9	-5517.5								
1665	10.0	70220.3	-5522.8								
1666	9.9	70222.0	-5520.5								
1667	10.8	70225.8	-5558.9								
1668	10.0	70234.7	-5524.4								
1669	9.6	70247.9	-5547.8								
1670	10.0	70252.0	-5531.4								
1671	10.3	70316.0	-5538.9								
1672	10.5	70316.4	-5539.9								
1673	10.0	70343.9	-5522.4								
1674	10.0	70355.0	-5527.8								
1675	11.0	70355.3	-5537.8								
1676	10.0	70406.5	-5556.8								
1677	10.0	70422.4	-5516.2								
1678	10.0	70423.4	-5504.4								
1679	10.0	70423.4	-5533.3								
1680	9.7	70425.8	-5557.5								
1681	9.9	70431.4	-5543.0								
1682	9.3	70433.7	-5534.7								
1683	9.7	70442.9	-5545.9								
1684	10.0	70455.9	-5518.3								
1685	10.0	70457.9	-5524.3								
1686	10.0	70502.0	-5526.3								
1687	9.7	70515.9	-5555.7								
1688	10.0	70520.2	-5516.5								
1689	9.5	70534.8	-5542.7								
1690	11.0	70535.8	-5508.3								
1691	11.0	70541.0	-5522.3								
1692	9.7	70541.2	-5512.3								
1693	9.6	70554.2	-5516.1								
1694	9.5	70557.2	-5556.7								
1695	10.0	70608.2	-5526.3								
1696	10.5	70615.7	-5540.0								
1697	10.8	70617.1	-5539.7								
1698	10.8	70621.7	-5553.9								
1699	10.0	70643.3	-5533.6								
1700	10.3	70646.8	-5532.8								
1701	.8	70652.3	-5526.5								
1702	9.3	70702.2	-5542.6								
1703	9.1	70714.7	-5531.3								
1704	10.3	70719.6	-5540.8								
1705	10.3	70719.6	-5545.7								
1706	11.0	70744.6	-5539.6								
1707	9.6	70749.4	-5513.2								
1708	7.5	70752.2	-5523.0								
1709	9.6	70801.9	-5545.8								
1710	10.0	70811.2	-5535.8								
1711	10.5	70812.8	-5523.2								
1712	9.7	70814.4	-5532.2								
1713	10.0	70817.6	-5521.2								
1714	9.9	70826.1	-5521.0								
1715	9.5	70840.6	-5552.5								
1716	11.0	70841.8	-5540.5								
1717	9.6	70909.9	-5557.5								
1718	9.7	70915.7	-5516.3								
1719	10.0	70917.2	-5501.2								
1720	7.1	70928.3	-5556.5								
1721	9.8	70929.7	-5551.7								
1722	10.0	70952.2	-5519.2								
1723	9.7	71006.1	-5527.2								
1724	10.0	71004.7	-5528.2								
1725	9.5	71014.3	-5523.2								
1726	10.0	71019.0	-5505.2								
1727	10.0	71019.3	-5500.2								
1728	10.0	71036.2	-5512.1								
1729	10.0	71045.2	-5516.3								
1730	9.9	71048.0	-5525.1								
1731	9.2	71049.0	-5521.2								
1732	10.8	71059.5	-5542.4								
1733	9.9	71059.6	-5522.0								
1734	10.0	71101.3	-5508.1								
1735	10.0	71110.8	-5525.1								
1736	10.0	71131.6	-5502.1								
1737	10.0	71140.2	-5529.9								
1738	10.8	71143.1	-5559.3								
1739	10.8	71203.4	-5542.5								
1740	10.5	71217.8	-5552.8								

-55 1741 7h12m

-55 2100 8h08m

1741	10.0	71224.7 -5524.1	1831	10.0	72814.6 -5518.3	1921	10.0	74114.7 -5546.7	2011	10.0	75336.7 -5544.1
1742	9.7	71256.1 -5529.0	1832	8.5	72836.3 -5554.3	1922	9.4	74120.2 -5552.8	2012	10.0	75345.4 -5540.0
1743	9.4	71258.0 -5535.8	1833	10.0	72855.5 -5511.5	1923	10.0	74131.5 -5507.1	2013	10.0	75346.2 -5513.7
1744	9.9	71259.0 -5520.1	1834	10.0	72905.3 -5508.5	1924	10.0	74201.2 -5510.2	2014	10.0	75347.2 -5510.7
1745	7.9	71325.5 -5530.8	1835	10.0	72916.4 -5525.5	1925	10.0	74201.6 -5533.1	2015	10.0	75350.7 -5531.5
1746	8.5	71353.7 -5552.8	1836	9.9	72917.8 -5514.5	1926	9.4	74222.2 -5530.1	2016	10.0	75404.6 -5527.7
1747	10.0	71354.0 -5522.7	1837	10.0	72922.4 -5526.5	1927	10.3	74222.3 -5537.5	2017	9.7	75404.7 -5548.1
1748	10.0	71356.1 -5506.0	1838	10.8	72929.6 -5558.7	1928	10.0	74231.4 -5518.1	2018	10.0	75429.8 -5537.6
1749	9.9	71406.5 -5510.0	1839	9.6	72936.2 -5524.3	1929	10.5	74250.8 -5558.4	2019	10.0	75456.6 -5524.6
1750	8.4	71409.0 -5542.7	1840	10.0	72938.5 -5517.8	1930	10.0	74251.6 -5503.0	2020	10.0	75508.8 -5544.0
1751	10.0	71425.1 -5537.0	1841	10.0	72948.4 -5507.5	1931	9.1	74252.6 -5522.8	2021	10.0	75516.4 -5546.0
1752	10.0	71445.1 -5523.0	1842	10.0	73008.1 -5504.6	1932	10.0	74252.7 -5545.6	2022	10.0	75519.1 -5516.6
1753	10.0	71446.1 -5521.0	1843	9.8	73011.0 -5511.5	1933	9.9	74258.7 -5516.0	2023	10.0	75533.2 -5513.6
1754	11.0	71545.4 -5545.4	1844	10.0	73032.5 -5515.5	1934	10.5	74300.1 -5548.6	2024	8.3	75535.2 -5530.4
1755	10.0	71605.0 -5525.0	1845	10.0	73040.0 -5508.5	1935	9.5	74300.6 -5500.8	2025	8.9	75601.9 -5540.1
1756	8.0	71608.1 -5503.0	1846	10.0	73040.3 -5533.8	1936	10.0	74309.7 -5500.0	2026	10.0	75606.2 -5508.6
1757	9.8	71611.0 -5527.0	1847	10.0	73044.4 -5533.8	1937	8.8	74319.0 -5553.4	2027	10.0	75611.3 -5508.2
1758	10.0	71615.0 -5534.5	1848	11.0	73107.1 -5551.9	1938	10.0	74320.1 -5509.6	2028	10.0	75618.8 -5504.7
1759	9.7	71633.0 -5536.3	1849	9.8	73145.2 -5525.4	1939	9.6	74324.5 -5521.0	2029	10.0	75630.6 -5555.0
1760	8.7	71644.2 -5522.9	1850	11.0	73145.4 -5549.9	1940	10.5	74340.9 -5548.6	2030	9.8	75631.3 -5503.6
1761	7.8	71650.3 -5544.4	1851	10.0	73145.8 -5534.8	1941	10.5	74353.5 -5554.4	2031	10.0	75635.8 -5559.0
1762	9.5	71701.5 -5540.4	1852	10.0	73151.7 -5556.1	1942	9.9	74354.1 -5552.4	2032	10.0	75641.6 -5541.6
1763	10.0	71702.0 -5512.9	1853	7.8	73209.6 -5529.6	1943	10.0	74354.1 -5503.0	2033	10.0	75654.2 -5513.3
1764	9.9	71703.3 -5514.2	1854	10.0	73211.9 -5505.8	1944	10.0	74401.8 -5502.0	2034	11.0	75702.8 -5501.6
1765	10.0	71707.1 -5529.9	1855	9.7	73216.2 -5540.9	1945	10.0	74402.9 -5544.4	2035	10.0	75704.2 -5553.0
1766	9.9	71707.1 -5540.9	1856	10.0	73220.8 -5553.9	1946	10.3	74411.8 -5549.4	2036	9.3	75719.8 -5501.9
1767	10.0	71715.1 -5536.9	1857	8.3	73229.8 -5533.4	1947	10.0	74431.1 -5508.3	2037	10.0	75749.2 -5538.9
1768	10.0	71737.0 -5524.9	1858	10.0	73230.5 -5526.4	1948	9.2	74436.2 -5530.8	2038	9.0	75753.7 -5523.5
1769	9.2	71809.6 -5508.9	1859	10.3	73242.8 -5538.0	1949	9.6	74450.0 -5548.4	2039	10.0	75827.5 -5536.9
1770	11.0	71811.6 -5558.3	1860	10.0	73246.7 -5541.8	1950	10.5	74456.5 -5510.0	2040	10.0	75832.2 -5517.9
1771	10.0	71831.1 -5502.9	1861	9.0	73248.3 -5551.5	1951	9.7	74502.0 -5511.4	2041	6.4	75836.4 -5506.6
1772	9.6	71855.8 -5506.7	1862	9.8	73250.2 -5522.5	1952	9.7	74504.0 -5512.0	2042	9.7	75850.4 -5510.9
1773	10.5	71902.5 -5552.3	1863	10.0	73301.8 -5520.4	1953	10.5	74505.5 -5539.6	2043	9.7	75911.7 -5520.9
1774	7.7	71917.2 -5531.9	1864	10.0	73308.5 -5518.4	1954	9.7	74507.6 -5530.0	2044	7.5	75912.9 -5515.6
1775	10.5	71924.5 -5549.3	1865	9.5	73320.3 -5510.4	1955	10.3	74523.6 -5555.4	2045	7.1	75920.3 -5511.2
1776	10.0	71928.4 -5524.8	1866	7.1	73322.8 -5530.5	1956	9.1	74529.3 -5520.7	2046	10.0	75923.4 -5508.5
1777	10.0	71929.3 -5523.8	1867	9.5	73324.8 -5514.4	1957	10.0	74530.1 -5523.0	2047	10.0	75929.9 -5508.9
1778	10.0	71946.1 -5526.8	1868	10.0	73325.5 -5550.6	1958	10.8	74532.9 -5543.3	2048	9.0	75933.7 -5535.2
1779	8.7	72004.6 -5519.8	1869	10.8	73331.6 -5543.8	1959	10.5	74549.7 -5520.0	2049	8.6	75941.4 -5557.6
1780	10.0	72017.0 -5537.8	1870	10.0	73344.4 -5510.4	1960	9.2	74551.4 -5524.9	2050	10.0	75947.8 -5528.2
1781	7.4	72021.6 -5520.5	1871	9.9	73400.1 -5545.8	1961	9.0	74607.7 -5541.5	2051	9.8	75956.2 -5516.6
1782	9.0	72051.6 -5500.5	1872	9.8	73400.3 -5513.3	1962	11.0	74609.1 -5549.3	2052	9.7	80001.2 -5543.5
1783	10.0	72122.6 -5516.8	1873	10.0	73402.3 -5532.2	1963	10.0	74610.5 -5503.7	2053	10.0	80002.3 -5520.9
1784	9.4	72124.8 -5529.6	1874	9.0	73422.7 -5554.9	1964	10.5	74610.8 -5555.3	2054	8.6	80023.0 -5545.3
1785	9.7	72131.0 -5539.9	1875	10.3	73426.2 -5554.7	1965	10.5	74616.2 -5540.3	2055	10.0	80024.8 -5540.8
1786	10.0	72144.7 -5515.8	1876	10.0	73449.2 -5522.3	1966	10.0	74627.0 -5503.9	2056	10.0	80026.2 -5511.8
1787	10.0	72147.0 -5535.8	1877	10.0	73510.3 -5552.7	1967	10.0	74632.9 -5551.6	2057	9.6	80034.9 -5534.6
1788	10.0	72148.7 -5505.8	1878	8.7	73514.1 -5553.7	1968	10.0	74648.4 -5508.9	2058	10.0	80040.4 -5505.8
1789	9.6	72157.1 -5543.2	1879	10.0	73515.4 -5527.3	1969	10.0	74652.0 -5534.9	2059	10.0	80050.7 -5515.4
1790	9.3	72159.7 -5542.0	1880	9.2	73515.8 -5529.3	1970	8.5	74657.4 -5538.9	2060	10.0	80126.7 -5527.8
1791	10.0	72216.4 -5531.8	1881	9.9	73516.3 -5533.3	1971	11.0	74716.4 -5547.3	2061	9.7	80140.3 -5525.8
1792	10.3	72217.5 -5539.3	1882	9.5	73519.9 -5525.3	1972	10.0	74720.2 -5532.1	2062	10.0	80145.2 -5515.8
1793	10.3	72230.0 -5541.0	1883	11.0	73527.7 -5541.7	1973	9.1	74742.7 -5515.9	2063	10.0	80149.1 -5555.2
1794	11.0	72232.7 -5557.2	1884	10.0	73540.0 -5500.3	1974	8.8	74743.5 -5519.2	2064	9.3	80150.7 -5532.2
1795	9.5	72244.2 -5533.4	1885	10.5	73554.3 -5538.6	1975	9.4	74800.1 -5507.2	2065	9.7	80152.2 -5517.8
1796	10.0	72245.3 -5504.7	1886	10.0	73554.9 -5557.7	1976	9.3	74804.7 -5516.7	2066	10.0	80216.3 -5527.8
1797	10.0	72259.5 -5529.7	1887	7.3	73559.9 -5556.7	1977	10.0	74810.2 -5533.9	2067	10.0	80224.8 -5550.2
1798	10.8	72307.3 -5552.2	1888	9.8	73600.2 -5510.3	1978	10.0	74821.3 -5555.3	2068	10.0	80241.8 -5528.8
1799	8.7	72312.2 -5506.7	1889	8.3	73620.2 -5527.1	1979	9.4	74831.5 -5505.9	2069	10.0	80254.2 -5515.8
1800	10.0	72336.9 -5500.7	1890	9.7	73639.6 -5530.3	1980	9.4	74845.5 -5507.8	2070	8.6	80303.3 -5548.2
1801	10.0	72337.4 -5523.7	1891	10.0	73645.9 -5532.3	1981	10.0	74852.4 -5517.8	2071	9.9	80310.2 -5517.4
1802	9.9	72346.4 -5525.7	1892	9.5	73648.9 -5531.2	1982	7.8	74900.3 -5522.8	2072	10.0	80311.6 -5518.8
1803	10.0	72359.5 -5521.7	1893	10.0	73713.8 -5518.2	1983	9.8	74922.0 -5536.6	2073	10.0	80319.8 -5547.2
1804	10.0	72400.2 -5512.7	1894	10.8	73731.3 -5541.2	1984	10.0	74926.9 -5529.8	2074	10.0	80326.0 -5534.7
1805	9.0	72428.0 -5559.7	1895	10.0	73732.9 -5521.2	1985	9.9	74937.4 -5550.2	2075	10.0	80335.3 -5539.7
1806	8.7	72428.8 -5534.7	1896	10.3	73735.7 -5545.7	1986	10.0	74949.4 -5516.8	2076	10.0	80337.7 -5512.7
1807	10.0	72432.8 -5502.7	1897	10.3	73740.2 -5548.3	1987	10.0	74953.4 -5513.8	2077	9.6	80343.0 -5555.2
1808	8.9	72456.6 -5509.5	1898	10.0	73745.1 -5537.9	1988	9.3	74957.3 -5522.8	2078	9.3	80355.2 -5543.1
1809	9.3	72500.5 -5551.1	1899	10.3	73753.2 -5547.5	1989	10.0	75014.0 -5504.8	2079	10.0	80412.5 -5515.7
1810	9.2	72506.6 -5543.1	1900	7.6	73757.6 -5521.4	1990	10.0	75043.5 -5500.8	2080	10.0	80417.5 -5509.7
1811	9.7	72520.0 -5553.4	1901	10.0	73758.8 -5519.2	1991	10.0	75044.4 -5534.8	2081	10.3	80435.4 -5527.5
1812	10.0	72528.3 -5505.6	1902	10.0	73805.7 -5526.2	1992	10.0	75110.0 -5536.5	2082	9.7	80458.5 -5507.2
1813	9.4	72541.6 -5523.4	1903	10.0	73814.0 -5523.2	1993	9.1	75112.7 -5520.2	2083	10.0	80500.5 -5502.7
1814	10.8	72602.4 -5557.1	1904	9.9	73819.2 -5511.2	1994	10.0	75120.7 -5500.8	2084	10.0	80511.6 -5540.7
1815	10.0	72607.2 -5534.6	1905	10.5	73830.1 -5540.3	1995	10.0	75140.7 -5505.7	2085	10.0	80524.6 -5508.7
1816	10.0	72632.2 -5523.6	1906	9.5	73850.1 -5539.5	1996	10.0	75142.2 -5533.0	2086	8.8	80552.6 -5504.3
1817	10.0	72636.5 -5520.4	1907	10.0	73850.3 -5522.2	1997	9.7	75148.9 -5520.5	2087	5.7	80638.8 -5542.8
1818	8.4	72649.2 -5502.6	1908	10.5	73852.1 -5536.6	1998	10.0	75152.7 -5548.0	2088	10.0	80707.8 -5518.6
1819	9.5	72655.5 -5548.0	1909	9.6	73857.6 -5500.2	1999	10.0	75206.0 -5547.1	2089	10.5	80719.8 -5543.0
1820	9.6	72659.0 -5537.9	1910	10.0	73909.2 -5510.2	2000	9.3	75207.2 -5501.7	2090	10.0	80740.5 -5507.8
1821	10.0	72703.4 -5505.6	1911	10.0	73914.4 -5503.2	2001	10.0	75213.0 -5529.7	2091	9.9	80740.9 -5527.4
1822	10.0	72705.5 -5513.6	1912	8.8	73915.8 -5513.0	2002	10.0	75220.2 -5531.9	2092	10.0	80756.9 -5515.6
1823	10.0	72712.4 -5522.6	1913	9.5	73929.6 -5521.2	2003	10.0	75222.2 -5545.7	2093	9.5	80800.5 -5500.6
1824	10.0	72728.2 -5504.4	1914	10.0	73935.6 -5522.8	2004	9.4	75226.6 -5510.9	2094	10.5	80805.7 -5551.0
1825	10.0	72745.2 -5523.6	1915	7.0	73944.2 -5550.7	2005	10.0	75237.1 -5558.1	2095	9.9	80810.6 -5538.2
1826	9.7	72750.4 -5520.7	1916	7.7	74004.1 -5501.1	2006	10.0	75252.7 -5500.7	2096	10.0	80811.4 -5534.4
1827	10.0	72753.5 -5516.3	1917	10.0	74004.7 -5536.1	2007	10.0	75255.6 -5553.1	2097	10.8	80815.2 -5543.0
1828	11.0	72759.3 -5542.0	1918	10.5	74041.9 -5546.5	2008	9.5	75258.7 -5529.4	2098	10.0	80818.5 -5522.6
1829	10.3	72759.8 -5534.9	1919	10.5	74043.0 -5541.5	2009	10.0	75313.0 -5554.1	2099	10.0	80818.9 -5545.4
1830	9.4	72807.3 -5518.5	1920	8.8	74100.5 -5515.1	2010	10.0	75320.3 -5503.9	2100	9.2	80825.6 -5549.0

-55 2101 8h08m -55 2460 8h57m

2101	10.0	80828.8	-5511.6	2191	10.0	82346.8	-5541.6	2281	9.9	83546.8	-5517.8	2371	10.0	84700.0	-5556.8
2102	9.4	80829.8	-5549.5	2192	9.9	82350.3	-5548.6	2282	7.4	83550.0	-5529.8	2372	9.8	84711.4	-5515.6
2103	9.9	80830.6	-5506.2	2193	8.7	82403.8	-5550.8	2283	10.0	83556.8	-5553.1	2373	10.0	84727.8	-5556.6
2104	8.8	80840.4	-5559.3	2194	10.8	82407.8	-5524.7	2284	10.0	83628.8	-5534.0	2374	10.0	84751.8	-5539.5
2105	10.8	80840.8	-5513.6	2195	11.0	82411.2	-5519.0	2285	9.9	83631.2	-5519.8	2375	10.0	84755.0	-5500.6
2106	10.8	80900.8	-5512.5	2196	11.3	82419.9	-5504.7	2286	10.0	83632.6	-5541.3	2376	10.5	84800.9	-5518.4
2107	9.3	80907.3	-5505.0	2197	10.8	82420.8	-5506.7	2287	10.8	83633.5	-5508.1	2377	10.0	84800.9	-5514.4
2108	11.0	80912.2	-5526.5	2198	10.8	82423.7	-5528.0	2288	10.3	83635.0	-5535.8	2378	9.3	84807.9	-5548.8
2109	10.3	80946.0	-5540.4	2199	8.3	82517.3	-5537.6	2289	10.0	83636.8	-5558.0	2379	9.9	84810.5	-5518.4
2110	10.0	81003.4	-5555.2	2200	11.0	82517.8	-5525.0	2290	9.8	83728.5	-5542.1	2380	9.7	84811.3	-5525.8
2111	10.0	81010.6	-5503.5	2201	11.3	82524.2	-5521.3	2291	7.9	83733.9	-5543.1	2381	10.0	84819.0	-5527.8
2112	10.5	81050.0	-5538.5	2202	10.3	82525.6	-5516.6	2292	10.8	83735.4	-5517.2	2382	7.1	84821.6	-5520.6
2113	10.5	81050.1	-5511.0	2203	9.5	82532.2	-5532.8	2293	10.0	83748.6	-5544.2	2383	10.0	84835.6	-5538.2
2114	10.0	81054.8	-5538.2	2204	11.0	82532.8	-5507.7	2294	11.5	83752.0	-5527.7	2384	9.8	84836.4	-5541.0
2115	10.8	81102.2	-5536.5	2205	10.8	82601.9	-5535.6	2295	9.8	83756.0	-5515.7	2385	10.0	84848.2	-5530.3
2116	10.8	81104.1	-5525.5	2206	10.0	82606.9	-5550.7	2296	11.5	83803.1	-5522.7	2386	10.3	84849.7	-5534.6
2117	10.3	81106.3	-5527.6	2207	10.0	82612.1	-5559.5	2297	11.0	83828.0	-5509.6	2387	9.2	84857.3	-5533.5
2118	10.8	81141.8	-5515.4	2208	11.0	82633.8	-5526.9	2298	11.3	83831.5	-5507.6	2388	7.3	84859.6	-5546.3
2119	9.1	81153.0	-5508.2	2209	11.0	82645.3	-5501.9	2299	10.0	83854.5	-5542.4	2389	9.1	84902.3	-5532.6
2120	10.0	81220.6	-5557.1	2210	11.0	82702.8	-5535.9	2300	11.0	83856.5	-5540.7	2390	10.0	84905.6	-5546.3
2121	9.7	81226.4	-5501.6	2211	11.3	82714.8	-5504.3	2301	10.5	83901.6	-5532.8	2391	10.0	84919.0	-5544.5
2122	11.0	81259.7	-5539.4	2212	10.3	82726.4	-5537.2	2302	6.5	83904.0	-5519.7	2392	8.5	84923.4	-5531.3
2123	10.0	81302.7	-5553.1	2213	11.0	82730.6	-5516.6	2303	9.0	83904.2	-5516.7	2393	10.0	84928.9	-5538.5
2124	8.7	81339.9	-5519.3	2214	10.3	82731.9	-5534.5	2304	10.0	83910.5	-5542.1	2394	10.0	84929.0	-5546.5
2125	10.0	81340.7	-5545.1	2215	9.4	82739.1	-5514.9	2305	10.5	83923.4	-5515.3	2395	8.7	84948.1	-5555.6
2126	10.0	81404.0	-5538.0	2216	9.1	82806.6	-5535.5	2306	8.9	83928.6	-5553.9	2396	11.0	84954.6	-5504.2
2127	10.3	81414.7	-5502.4	2217	11.5	82809.4	-5514.9	2307	9.3	83932.3	-5510.9	2397	10.0	84955.0	-5519.6
2128	10.3	81418.5	-5507.4	2218	9.1	82812.9	-5534.7	2308	10.0	83954.3	-5522.9	2398	10.0	85002.7	-5530.6
2129	10.3	81439.2	-5540.3	2219	10.3	82821.2	-5540.5	2309	9.5	83959.5	-5554.4	2399	10.0	85020.0	-5514.6
2130	6.7	81443.0	-5523.3	2220	10.5	82827.7	-5528.8	2310	10.0	84005.4	-5518.9	2400	10.0	85037.4	-5524.6
2131	7.0	81443.8	-5530.3	2221	8.1	82830.4	-5522.8	2311	9.8	84007.4	-5511.7	2401	9.4	85041.9	-5549.2
2132	10.0	81452.1	-5556.8	2222	9.0	82837.1	-5523.1	2312	9.6	84010.0	-5533.0	2402	9.7	85043.6	-5503.8
2133	11.3	81455.9	-5503.3	2223	10.0	82839.8	-5557.6	2313	9.7	84027.8	-5558.2	2403	10.0	85044.0	-5517.6
2134	11.3	81503.5	-5531.3	2224	7.6	82852.6	-5557.0	2314	8.9	84047.1	-5518.9	2404	9.9	85046.0	-5545.6
2135	9.5	81509.1	-5512.6	2225	9.7	82856.8	-5539.1	2315	9.6	84051.2	-5544.5	2405	9.1	85110.6	-5545.2
2136	10.0	81512.2	-5549.3	2226	10.0	82906.6	-5552.4	2316	10.0	84109.2	-5558.5	2406	9.6	85119.6	-5535.1
2137	9.9	81535.7	-5548.5	2227	7.4	82927.3	-5502.8	2317	11.0	84112.6	-5510.7	2407	9.8	85119.8	-5504.0
2138	11.3	81536.9	-5516.3	2228	9.1	82930.0	-5532.3	2318	10.0	84122.8	-5538.4	2408	9.3	85131.1	-5545.4
2139	9.2	81545.1	-5505.3	2229	10.0	82934.2	-5552.8	2319	9.5	84139.2	-5546.0	2409	9.8	85210.0	-5511.3
2140	9.4	81550.4	-5559.9	2230	9.1	82934.4	-5526.8	2320	10.5	84139.6	-5557.8	2410	10.0	85210.5	-5530.7
2141	10.8	81552.3	-5506.3	2231	10.5	82936.3	-5522.8	2321	10.0	84140.3	-5558.5	2411	8.4	85215.1	-5550.9
2142	10.3	81553.5	-5535.4	2232	10.0	82942.9	-5545.1	2322	10.0	84140.7	-5526.7	2412	9.8	85220.6	-5507.8
2143	10.0	81615.4	-5507.9	2233	10.5	82947.7	-5513.8	2323	10.0	84142.5	-5527.4	2413	9.6	85221.0	-5557.9
2144	10.0	81619.7	-5547.4	2234	9.7	82951.3	-5502.8	2324	10.5	84150.6	-5530.7	2414	10.0	85230.0	-5531.5
2145	9.8	81630.9	-5509.5	2235	10.0	82954.9	-5544.0	2325	10.5	84202.6	-5516.9	2415	10.0	85235.0	-5543.5
2146	10.8	81652.3	-5540.0	2236	7.5	82958.4	-5558.0	2326	10.8	84210.9	-5546.5	2416	8.5	85241.5	-5501.6
2147	8.7	81654.2	-5551.0	2237	9.7	83010.3	-5504.6	2327	11.0	84215.4	-5529.7	2417	7.8	85241.6	-5502.7
2148	9.7	81709.9	-5506.4	2238	9.7	83011.3	-5503.2	2328	8.8	84222.9	-5514.9	2418	9.3	85247.4	-5528.2
2149	10.3	81712.5	-5534.0	2239	8.8	83012.6	-5549.3	2329	9.6	84224.1	-5516.7	2419	10.0	85311.3	-5539.3
2150	10.8	81718.5	-5505.2	2240	9.9	83022.7	-5551.5	2330	7.5	84225.0	-5524.3	2420	10.0	85319.7	-5545.8
2151	9.5	81731.9	-5533.0	2241	11.0	83024.6	-5527.0	2331	9.6	84227.2	-5516.7	2421	10.0	85346.0	-5507.5
2152	10.5	81736.4	-5531.2	2242	11.8	83031.2	-5518.2	2332	8.2	84236.8	-5539.5	2422	10.5	85348.5	-5548.9
2153	10.0	81748.1	-5559.9	2243	10.3	83031.3	-5507.0	2333	10.0	84240.1	-5516.7	2423	9.5	85348.5	-5547.9
2154	10.0	81748.6	-5558.9	2244	10.0	83036.9	-5551.3	2334	10.8	84249.6	-5536.7	2424	9.9	85350.5	-5545.6
2155	10.0	81800.2	-5517.0	2245	11.3	83053.3	-5527.5	2335	10.0	84300.7	-5526.5	2425	9.8	85356.2	-5546.0
2156	10.5	81800.9	-5537.0	2246	10.3	83054.7	-5531.8	2336	10.5	84311.4	-5554.7	2426	10.0	85359.5	-5532.5
2157	11.0	81805.8	-5518.2	2247	10.0	83102.9	-5546.3	2337	10.0	84326.8	-5531.7	2427	10.0	85416.0	-5553.9
2158	10.3	81810.3	-5525.0	2248	10.0	83105.5	-5555.3	2338	10.0	84327.8	-5525.3	2428	10.0	85421.6	-5525.3
2159	10.0	81830.3	-5556.3	2249	11.0	83111.6	-5526.4	2339	9.7	84330.2	-5520.7	2429	10.0	85425.4	-5539.8
2160	10.8	81845.9	-5510.4	2250	11.3	83118.1	-5510.2	2340	10.0	84330.2	-5516.4	2430	10.0	85431.6	-5547.2
2161	9.8	81849.4	-5558.8	2251	11.5	83122.3	-5514.8	2341	9.7	84330.9	-5533.8	2431	11.0	85437.5	-5514.0
2162	10.8	81853.7	-5514.4	2252	10.0	83125.2	-5051.3	2342	9.4	84331.3	-5515.5	2432	9.9	85437.7	-5513.5
2163	11.0	81913.9	-5504.5	2253	10.0	83159.9	-5546.2	2343	10.0	84340.8	-5524.5	2433	10.0	85441.6	-5522.0
2164	10.8	81930.5	-5507.2	2254	9.4	83201.9	-5537.1	2344	9.7	84346.5	-5523.0	2434	10.0	85450.4	-5515.5
2165	11.0	81931.4	-5505.2	2255	11.3	83202.0	-5510.9	2345	9.7	84353.8	-5522.8	2435	9.4	85459.5	-5509.9
2166	11.0	81943.9	-5534.4	2256	10.0	83209.7	-5546.0	2346	8.5	84416.8	-5554.9	2436	9.9	85502.6	-5502.6
2167	9.5	81944.4	-5544.8	2257	11.5	83216.9	-5517.8	2347	10.0	84420.3	-5538.9	2437	10.0	85509.5	-5540.8
2168	9.9	81946.9	-5540.8	2258	11.5	83231.1	-5529.0	2348	8.6	84422.4	-5555.7	2438	9.8	85523.0	-5544.8
2169	8.9	81956.0	-5535.9	2259	7.4	83244.8	-5556.3	2349	11.0	84429.7	-5511.2	2439	9.8	85527.9	-5501.5
2170	9.6	82000.0	-5532.1	2260	9.6	83245.7	-5514.8	2350	10.5	84431.5	-5544.7	2440	9.9	85532.1	-5524.6
2171	11.5	82015.9	-5507.4	2261	10.0	83257.7	-5552.6	2351	10.0	84432.9	-5547.2	2441	9.7	85534.5	-5539.0
2172	11.0	82022.2	-5518.1	2262	10.5	83301.2	-5515.8	2352	9.5	84435.1	-5527.6	2442	10.0	85536.9	-5534.6
2173	9.4	82110.0	-5532.6	2263	9.8	83302.7	-5531.8	2353	10.0	84451.7	-5518.8	2443	9.9	85537.6	-5521.2
2174	11.5	82111.7	-5509.1	2264	9.9	83306.3	-5525.8	2354	10.0	84522.3	-5525.6	2444	9.2	85538.2	-5507.5
2175	7.4	82116.6	-5523.3	2265	9.3	83347.6	-5525.8	2355	10.0	84528.3	-5520.6	2445	10.0	85539.5	-5548.8
2176	9.9	82130.0	-5532.7	2266	11.5	83350.5	-5537.8	2356	10.0	84528.3	-5502.6	2446	9.5	85545.1	-5506.3
2177	10.0	82149.7	-5555.7	2267	11.0	83401.2	-5516.8	2357	10.0	84531.3	-5554.2	2447	9.1	85557.7	-5552.8
2178	10.0	82151.1	-5559.5	2268	10.0	83412.3	-5522.4	2358	10.8	84536.6	-5521.6	2448	9.5	85614.2	-5502.7
2179	7.1	82200.4	-5503.7	2269	9.0	83423.7	-5549.3	2359	10.0	84536.7	-5528.8	2449	10.0	85616.0	-5513.8
2180	7.5	82215.0	-5520.2	2270	10.8	83431.8	-5505.0	2360	10.0	84538.8	-5512.6	2450	10.0	85622.0	-5548.8
2181	9.0	82217.7	-5519.1	2271	10.5	83433.3	-5507.1	2361	10.0	84554.3	-5528.6	2451	10.5	85628.0	-5525.5
2182	9.9	82219.2	-5512.1	2272	10.5	83433.5	-5543.1	2362	9.7	84555.3	-5504.8	2452	8.9	85633.7	-5513.5
2183	10.0	82231.8	-5556.7	2273	10.0	83450.8	-5533.1	2363	9.7	84603.9	-5516.6	2453	9.7	85637.4	-5510.5
2184	11.0	82232.2	-5530.1	2274	9.5	83456.1	-5517.5	2364	9.9	84605.3	-5532.4	2454	8.6	85646.2	-5505.5
2185	10.8	82235.2	-5532.2	2275	10.0	83513.5	-5557.1	2365	8.6	84608.4	-5541.3	2455	10.0	85651.5	-5531.6
2186	11.0	82235.9	-5508.7	2276	10.0	83520.8	-5555.3	2366	11.0	84610.0	-5524.6	2456	9.3	85701.6	-5554.8
2187	10.0	82327.1	-5558.7	2277	10.0	83522.2	-5523.8	2367	9.5	84612.6	-5556.3	2457	9.2	85712.2	-5552.6
2188	9.6	82334.9	-5543.6	2278	9.9	83529.7	-5531.5	2368	9.9	84639.0	-5526.8	2458	9.2	85721.3	-5553.8
2189	10.0	82341.4	-5541.8	2279	10.5	83531.6	-5526.6	2369	9.2	84645.5	-5541.7	2459	10.0	85724.6	-5552.8
2190	10.8	82341.9	-5504.8	2280	10.5	83546.8	-5506.2	2370	11.0	84649.5	-5526.6	2460	9.8	85727.9	-5538.8

-55 2461 8h57m

-55 2820 9h34m

2461	9.6	85729.5 -5515.5	2551	10.0	90639.9 -5501.7	2641	10.5	91631.5 -5532.8	2731	10.5	92517.8 -5541.6
2462	9.9	85729.8 -5538.5	2552	10.0	90645.9 -5507.3	2642	10.0	91637.0 -5536.0	2732	11.5	92523.2 -5511.1
2463	9.9	85729.8 -5552.8	2553	9.7	90647.8 -5547.8	2643	10.0	91639.3 -5526.2	2733	8.0	92539.5 -5559.6
2464	8.9	85733.3 -5559.0	2554	9.6	90653.7 -5552.8	2644	10.0	91642.7 -5514.8	2734	10.8	92545.8 -5504.1
2465	9.7	85741.8 -5516.4	2555	10.0	90701.0 -5531.3	2645	8.3	91652.5 -5557.0	2735	11.0	92552.2 -5551.6
2466	8.8	85758.2 -5509.3	2556	10.0	90702.3 -5532.3	2646	10.5	91658.2 -5544.8	2736	11.0	92559.3 -5513.1
2467	9.4	85810.0 -5558.8	2557	9.4	90705.4 -5558.8	2647	10.3	91659.6 -5536.8	2737	9.5	92601.7 -5529.1
2468	9.9	85813.1 -5526.4	2558	9.7	90708.2 -5548.8	2648	11.5	91706.4 -5526.2	2738	9.2	92609.7 -5535.8
2469	9.2	85817.7 -5557.8	2559	10.0	90710.9 -5507.7	2649	8.2	91707.5 -5516.2	2739	10.3	92609.8 -5502.1
2470	9.8	85829.0 -5551.7	2560	9.5	90713.4 -5555.8	2650	11.0	91709.2 -5547.8	2740	11.0	92609.9 -5533.1
2471	9.7	85829.5 -5558.6	2561	10.0	90719.9 -5558.8	2651	10.5	91722.0 -5547.8	2741	11.3	92613.3 -5559.6
2472	9.4	85832.0 -5535.8	2562	9.8	90725.7 -5548.8	2652	9.5	91723.4 -5551.8	2742	9.7	92620.2 -5544.6
2473	10.8	85844.0 -5559.7	2563	10.3	90734.0 -5539.6	2653	10.8	91725.9 -5532.2	2743	10.5	92620.3 -5541.6
2474	9.2	85908.4 -5553.9	2564	9.9	90748.9 -5529.3	2654	11.5	91730.4 -5502.2	2744	11.0	92626.8 -5526.1
2475	8.6	85913.4 -5507.2	2565	10.0	90801.9 -5519.3	2655	9.7	91745.1 -5542.8	2745	11.0	92631.6 -5554.6
2476	9.5	85918.6 -5524.4	2566	9.2	90807.6 -5506.3	2656	10.3	91747.5 -5510.2	2746	11.0	92637.3 -5527.5
2477	8.4	85924.9 -5540.8	2567	10.0	90820.9 -5504.7	2657	11.0	91749.5 -5535.1	2747	10.5	92639.2 -5511.1
2478	10.0	85926.1 -5521.4	2568	10.0	90821.8 -5539.0	2658	11.5	91752.3 -5522.2	2748	10.5	92644.2 -5516.1
2479	10.0	85931.6 -5524.6	2569	9.9	90837.6 -5551.1	2659	11.0	91755.7 -5512.2	2749	11.5	92648.2 -5511.0
2480	10.0	85951.6 -5511.4	2570	10.0	90838.9 -5524.3	2660	11.0	91757.9 -5514.2	2750	10.8	92652.6 -5558.6
2481	10.0	85959.1 -5509.4	2571	9.9	90900.5 -5529.8	2661	10.5	91801.7 -5511.2	2751	8.7	92702.7 -5505.7
2482	10.0	90001.7 -5551.7	2572	10.5	90903.6 -5543.3	2662	10.5	91811.3 -5525.2	2752	10.8	92703.3 -5538.6
2483	10.0	90009.3 -5526.4	2573	9.2	90911.4 -5517.3	2663	10.8	91816.5 -5534.0	2753	11.0	92711.9 -5503.0
2484	9.7	90010.1 -5505.4	2574	10.0	90914.9 -5522.3	2664	8.2	91829.7 -5526.2	2754	10.5	92714.1 -5533.0
2485	9.7	90018.5 -5519.2	2575	10.0	90919.4 -5508.3	2665	10.5	91834.2 -5534.8	2755	8.4	92716.2 -5501.0
2486	9.6	90029.4 -5550.0	2576	9.9	90924.6 -5553.3	2666	11.5	91834.2 -5515.2	2756	10.3	92718.5 -5526.0
2487	9.9	90038.6 -5526.4	2577	10.0	90932.1 -5544.7	2667	11.5	91834.5 -5534.2	2757	8.6	92728.6 -5551.6
2488	9.5	90040.2 -5539.8	2578	10.0	90938.0 -5530.5	2668	11.0	91836.3 -5524.2	2758	9.9	92731.7 -5549.6
2489	9.8	90058.8 -5501.4	2579	9.4	90942.9 -5517.0	2669	8.7	91841.8 -5541.7	2759	10.5	92733.9 -5537.6
2490	9.6	90059.7 -5550.7	2580	9.1	90944.3 -5520.8	2670	11.5	91850.2 -5511.2	2760	10.3	92736.9 -5540.6
2491	7.2	90102.9 -5550.7	2581	9.6	90955.9 -5503.3	2671	9.6	91858.8 -5507.2	2761	10.5	92738.2 -5501.0
2492	9.7	90105.3 -5532.8	2582	10.0	91007.7 -5551.6	2672	9.5	91906.2 -5512.2	2762	10.0	92745.8 -5529.0
2493	10.0	90110.3 -5549.7	2583	8.3	91008.8 -5501.3	2673	9.3	91907.1 -5555.7	2763	10.3	92747.7 -5512.0
2494	9.9	90111.7 -5507.4	2584	9.1	91009.2 -5553.7	2674	10.8	91915.1 -5507.2	2764	10.0	92748.3 -5508.0
2495	9.5	90116.4 -5554.9	2585	8.9	91015.2 -5553.2	2675	9.6	91923.3 -5527.2	2765	9.6	92751.8 -5523.0
2496	9.5	90121.3 -5531.4	2586	9.8	91015.5 -5520.3	2676	9.4	91924.8 -5536.0	2766	9.3	92800.3 -5528.0
2497	9.5	90130.2 -5525.4	2587	9.2	91017.4 -5504.3	2677	10.8	91926.9 -5532.2	2767	10.0	92802.3 -5523.0
2498	9.5	90132.7 -5529.4	2588	8.5	91019.6 -5509.3	2678	10.0	91927.3 -5503.2	2768	10.0	92812.4 -5532.0
2499	9.5	90139.7 -5524.0	2589	8.4	91028.1 -5534.6	2679	10.8	91930.1 -5559.7	2769	8.3	92818.5 -5527.0
2500	9.0	90144.8 -5532.4	2590	6.0	91035.3 -5503.3	2680	9.9	91930.4 -5532.2	2770	11.0	92831.9 -5537.6
2501	9.6	90149.7 -5523.9	2591	10.0	91041.4 -5537.5	2681	9.2	91930.5 -5504.1	2771	10.3	92832.2 -5548.6
2502	10.0	90150.0 -5535.7	2592	7.6	91104.5 -5507.3	2682	10.5	91930.8 -5520.1	2772	10.5	92836.6 -5505.0
2503	10.0	90151.2 -5509.4	2593	11.0	91105.7 -5555.2	2683	10.5	91931.2 -5553.0	2773	10.5	92848.3 -5505.0
2504	9.5	90157.7 -5527.0	2594	9.4	91118.6 -5533.3	2684	9.4	91938.4 -5518.5	2774	9.6	92857.2 -5523.0
2505	10.0	90158.3 -5536.4	2595	9.8	91121.6 -5532.3	2685	10.3	92010.2 -5517.1	2775	9.3	92859.2 -5516.0
2506	9.4	90159.7 -5529.4	2596	10.0	91130.0 -5521.3	2686	8.4	92011.8 -5514.1	2776	10.3	92910.3 -5503.0
2507	9.2	90206.5 -5553.7	2597	9.6	91132.2 -5502.3	2687	9.5	92012.3 -5556.7	2777	10.3	92912.5 -5535.0
2508	9.4	90209.7 -5514.4	2598	9.5	91142.7 -5548.4	2688	10.0	92028.9 -5532.1	2778	11.0	92917.0 -5537.0
2509	9.5	90222.3 -5525.0	2599	8.0	91151.2 -5544.4	2689	11.0	92030.3 -5524.1	2779	10.0	92918.3 -5504.0
2510	9.3	90223.6 -5550.6	2600	9.8	91155.0 -5533.3	2690	9.6	92042.9 -5516.1	2780	10.5	92934.2 -5549.6
2511	9.7	90232.3 -5547.7	2601	10.0	91201.1 -5530.3	2691	9.4	92129.7 -5532.4	2781	9.4	92936.8 -5520.0
2512	10.0	90238.1 -5558.7	2602	8.4	91217.1 -5502.2	2692	10.0	92138.8 -5509.5	2782	10.8	92937.4 -5559.6
2513	10.0	90241.9 -5504.8	2603	9.9	91239.6 -5530.2	2693	9.2	92158.3 -5559.7	2783	9.4	92940.9 -5533.0
2514	10.0	90242.9 -5536.0	2604	8.5	91242.1 -5507.2	2694	9.9	92200.6 -5542.3	2784	10.5	92941.3 -5541.6
2515	9.2	90244.9 -5521.0	2605	10.0	91249.9 -5514.2	2695	9.5	92201.2 -5517.4	2785	9.5	92953.3 -5522.0
2516	9.2	90250.5 -5546.7	2606	8.6	91308.0 -5558.4	2696	11.0	92209.7 -5516.1	2786	10.0	92954.3 -5506.0
2517	9.8	90257.0 -5540.0	2607	10.5	91319.9 -5545.6	2697	7.3	92210.6 -5533.1	2787	10.5	93000.2 -5551.6
2518	10.0	90257.6 -5533.7	2608	10.0	91326.6 -5541.0	2698	9.5	92218.2 -5547.9	2788	9.8	93010.9 -5532.8
2519	6.3	90258.9 -5517.4	2609	9.6	91330.5 -5532.2	2699	10.8	92228.7 -5517.1	2789	9.2	93021.2 -5538.8
2520	9.5	90300.2 -5522.4	2610	7.7	91349.1 -5525.2	2700	9.2	92237.1 -5556.4	2790	10.5	93022.2 -5512.0
2521	10.0	90300.6 -5512.4	2611	10.5	91349.5 -5537.8	2701	9.3	92247.4 -5531.1	2791	9.7	93026.9 -5532.8
2522	9.5	90306.8 -5522.4	2612	10.0	91350.2 -5506.2	2702	10.3	92248.5 -5536.1	2792	9.8	93042.7 -5512.0
2523	10.0	90311.2 -5505.2	2613	10.3	91409.9 -5545.5	2703	11.0	92248.8 -5521.1	2793	9.7	93042.7 -5549.5
2524	10.0	90311.9 -5536.0	2614	9.9	91411.4 -5513.2	2704	8.5	92252.0 -5525.1	2794	8.2	93046.5 -5555.5
2525	10.0	90330.7 -5546.7	2615	11.0	91419.4 -5547.8	2705	8.7	92252.9 -5524.1	2795	9.7	93050.2 -5517.0
2526	9.8	90332.9 -5556.7	2616	9.7	91422.9 -5544.8	2706	11.0	92300.2 -5545.7	2796	9.7	93116.4 -5539.8
2527	10.0	90338.4 -5535.4	2617	9.8	91423.8 -5516.2	2707	10.8	92312.3 -5527.1	2797	10.8	93122.7 -5515.0
2528	10.0	90339.9 -5525.1	2618	10.0	91429.1 -5530.2	2708	11.0	92312.8 -5507.1	2798	10.0	93142.1 -5541.0
2529	9.6	90344.1 -5513.4	2619	9.7	91430.0 -5520.2	2709	11.0	92328.8 -5521.1	2799	10.8	93144.8 -5521.0
2530	10.0	90402.4 -5506.4	2620	10.5	91437.4 -5541.8	2710	10.8	92335.2 -5515.5	2800	10.5	93146.9 -5534.0
2531	10.0	90402.9 -5526.4	2621	10.0	91441.5 -5527.0	2711	10.8	92336.4 -5531.7	2801	10.5	93149.2 -5511.0
2532	9.9	90408.3 -5516.0	2622	10.0	91450.5 -5525.2	2712	11.0	92340.3 -5519.1	2802	10.3	93159.2 -5517.0
2533	9.4	90424.4 -5555.7	2623	8.4	91512.7 -5532.2	2713	11.3	92343.3 -5525.1	2803	9.8	93200.0 -5502.0
2534	10.0	90433.6 -5543.7	2624	11.0	91516.3 -5534.8	2714	11.0	92349.6 -5556.5	2804	10.0	93200.2 -5516.0
2535	9.7	90437.9 -5507.3	2625	10.0	91516.4 -5515.2	2715	9.2	92400.0 -5518.4	2805	11.0	93202.3 -5527.0
2536	9.7	90443.3 -5514.3	2626	10.3	91525.5 -5544.8	2716	10.3	92400.8 -5502.1	2806	9.8	93220.7 -5537.8
2537	9.8	90450.8 -5514.3	2627	7.0	91528.0 -5550.1	2717	11.0	92408.8 -5537.9	2807	9.5	93239.8 -5535.2
2538	9.9	90510.4 -5529.3	2628	10.0	91543.3 -5503.2	2718	9.6	92418.7 -5523.1	2808	10.3	93242.7 -5516.0
2539	9.6	90512.6 -5556.8	2629	9.8	91551.4 -5539.5	2719	10.0	92419.3 -5557.6	2809	10.0	93251.8 -5529.0
2540	10.0	90515.3 -5555.0	2630	10.5	91558.2 -5547.8	2720	10.8	92421.8 -5557.6	2810	9.8	93301.8 -5525.0
2541	9.9	90535.3 -5515.3	2631	10.0	91558.3 -5527.2	2721	10.3	92424.3 -5540.6	2811	9.7	93302.3 -5527.0
2542	10.0	90541.8 -5557.8	2632	9.6	91600.8 -5526.2	2722	11.5	92429.6 -5502.1	2812	10.3	93304.9 -5539.2
2543	9.8	90549.9 -5507.8	2633	9.6	91607.1 -5550.8	2723	11.5	92438.3 -5526.1	2813	9.9	93308.2 -5517.0
2544	9.9	90603.5 -5536.7	2634	10.3	91607.2 -5547.8	2724	11.0	92448.8 -5528.1	2814	9.5	93309.0 -5540.2
2545	10.0	90608.4 -5501.3	2635	10.8	91611.3 -5542.8	2725	11.0	92448.9 -5515.1	2815	10.3	93341.5 -5538.0
2546	9.9	90612.8 -5511.3	2636	9.6	91620.5 -5520.2	2726	11.0	92453.2 -5518.1	2816	9.5	93345.1 -5503.0
2547	9.5	90621.4 -5559.2	2637	9.6	91622.7 -5545.0	2727	9.7	92500.7 -5547.6	2817	10.5	93348.8 -5521.0
2548	9.8	90621.9 -5556.0	2638	10.0	91625.7 -5517.2	2728	11.5	92501.8 -5506.1	2818	9.9	93352.2 -5512.0
2549	9.7	90629.3 -5547.6	2639	10.5	91630.2 -5548.8	2729	11.5	92501.8 -5528.1	2819	9.9	93355.7 -5516.0
2550	10.0	90633.7 -5548.8	2640	9.7	91630.2 -5543.8	2730	8.9	92516.9 -5540.6	2820	9.2	93402.1 -5523.0

2821	10.0	93403.2 -5515.0	2911	10.0	94235.8 -5506.5	3001	9.4	95039.5 -5501.4	3091	9.5	95837.6 -5524.0
2822	10.8	93403.5 -5534.2	2912	10.5	94248.6 -5517.5	3002	10.8	95039.6 -5514.4	3092	9.5	95838.5 -5506.6
2823	7.9	93408.2 -5545.5	2913	10.3	94254.1 -5519.5	3003	9.5	95048.7 -5555.2	3093	9.6	95856.3 -5525.3
2824	10.0	93410.2 -5514.0	2914	10.0	94257.4 -5558.3	3004	10.5	95100.1 -5519.4	3094	9.7	95857.6 -5556.1
2825	9.7	93415.7 -5547.5	2915	10.5	94302.0 -5516.1	3005	10.8	95101.6 -5512.4	3095	10.3	95859.7 -5500.3
2826	9.4	93427.5 -5538.0	2916	10.3	94303.5 -5518.5	3006	8.5	95109.1 -5542.2	3096	9.3	95903.0 -5557.1
2827	10.3	93430.3 -5525.9	2917	10.8	94317.7 -5526.5	3007	10.5	95115.3 -5506.4	3097	8.7	95915.7 -5506.6
2828	10.0	93440.4 -5500.6	2918	11.0	94320.6 -5555.3	3008	10.5	95129.0 -5539.6	3098	10.0	95924.6 -5555.1
2829	10.8	93446.8 -5537.9	2919	10.3	94326.9 -5538.9	3009	9.4	95130.2 -5529.4	3099	10.8	95928.6 -5536.3
2830	11.3	93450.3 -5535.0	2920	10.3	94328.4 -5535.4	3010	10.0	95136.6 -5531.4	3100	8.4	95930.4 -5534.6
2831	11.0	93453.8 -5531.6	2921	10.0	94331.5 -5500.5	3011	9.9	95137.5 -5517.4	3101	8.3	95937.7 -5518.3
2832	10.5	93455.8 -5508.1	2922	8.7	94336.4 -5551.3	3012	9.9	95142.1 -5552.2	3102	10.0	95943.2 -5546.1
2833	10.5	93459.2 -5519.4	2923	9.9	94339.4 -5536.9	3013	9.9	95143.7 -5551.2	3103	10.3	95957.2 -5517.4
2834	10.0	93459.8 -5504.6	2924	9.3	94340.8 -5512.5	3014	9.8	95150.2 -5506.4	3104	10.3	100003.2 -5515.0
2835	9.6	93509.0 -5532.6	2925	8.7	94344.7 -5523.0	3015	10.0	95154.1 -5556.2	3105	10.5	100015.7 -5518.3
2836	11.0	93510.0 -5518.6	2926	9.0	94352.2 -5523.5	3016	9.3	95156.7 -5518.4	3106	10.5	100018.2 -5559.0
2837	10.8	93511.8 -5509.6	2927	10.5	94358.2 -5548.3	3017	9.7	95159.0 -5547.2	3107	10.8	100023.8 -5554.0
2838	10.0	93521.4 -5535.0	2928	8.4	94402.2 -5536.9	3018	10.0	95203.3 -5526.4	3108	10.8	100023.9 -5558.0
2839	8.5	93530.7 -5557.5	2929	6.7	94433.7 -5549.3	3019	9.8	95204.9 -5540.2	3109	10.3	100026.1 -5513.8
2840	10.8	93536.8 -5540.5	2930	9.8	94441.9 -5519.5	3020	9.9	95211.1 -5521.2	3110	10.8	100028.0 -5534.0
2841	11.0	93546.1 -5518.8	2931	9.2	94447.0 -5537.4	3021	10.8	95232.0 -5559.2	3111	8.7	100032.9 -5511.3
2842	9.6	93553.3 -5557.5	2932	10.8	94451.3 -5533.5	3022	10.0	95238.0 -5548.2	3112	8.4	100039.5 -5509.8
2843	11.0	93559.5 -5540.0	2933	9.9	94456.6 -5514.5	3023	9.6	95241.7 -5544.2	3113	9.8	100044.4 -5505.0
2844	8.1	93604.5 -5508.6	2934	9.0	94505.4 -5552.3	3024	8.5	95247.3 -5526.8	3114	11.0	100055.1 -5510.7
2845	9.8	93606.2 -5522.6	2935	10.3	94505.9 -5559.3	3025	9.9	95249.4 -5528.4	3115	10.0	100055.4 -5538.9
2846	11.0	93607.4 -5536.5	2936	11.0	94508.7 -5527.5	3026	9.1	95250.4 -5545.2	3116	10.3	100107.6 -5510.3
2847	9.7	93608.8 -5542.4	2937	9.6	94518.1 -5546.3	3027	10.8	95311.4 -5544.2	3117	10.5	100108.3 -5504.0
2848	11.0	93613.6 -5515.6	2938	9.7	94522.3 -5506.5	3028	9.7	95311.9 -5507.8	3118	9.9	100111.6 -5533.0
2849	10.5	93621.8 -5506.9	2939	9.3	94538.8 -5506.5	3029	10.0	95314.9 -5527.4	3119	10.0	100115.8 -5536.8
2850	11.0	93625.1 -5519.6	2940	10.8	94540.6 -5535.6	3030	11.0	95324.0 -5500.8	3120	11.0	100117.6 -5516.3
2851	10.5	93629.6 -5559.4	2941	11.0	94553.7 -5552.3	3031	9.6	95330.4 -5512.4	3121	9.5	100128.8 -5545.0
2852	10.5	93630.2 -5522.6	2942	10.5	94559.7 -5528.5	3032	11.0	95332.8 -5519.4	3122	10.8	100132.3 -5505.2
2853	11.0	93630.2 -5554.1	2943	10.8	94602.3 -5531.0	3033	9.0	95337.2 -5557.2	3123	10.3	100135.6 -5511.0
2854	10.5	93636.6 -5516.6	2944	10.3	94614.7 -5525.5	3034	9.0	95344.0 -5535.0	3124	10.0	100154.8 -5539.0
2855	9.4	93639.5 -5502.1	2945	10.5	94621.2 -5546.3	3035	11.0	95345.6 -5536.2	3125	9.8	100203.8 -5501.4
2856	9.1	93716.6 -5530.6	2946	9.6	94621.7 -5548.3	3036	9.0	95346.0 -5529.4	3126	10.5	100218.5 -5514.8
2857	10.5	93720.2 -5527.6	2947	10.3	94621.7 -5549.3	3037	9.5	95350.0 -5545.2	3127	8.4	100232.4 -5527.6
2858	9.3	93720.8 -5508.6	2948	10.5	94623.5 -5516.5	3038	9.8	95353.2 -5533.5	3128	9.7	100234.9 -5546.0
2859	10.5	93722.8 -5500.6	2949	9.2	94625.1 -5519.5	3039	9.8	95358.0 -5527.2	3129	9.7	100239.7 -5520.1
2860	10.0	93732.2 -5521.6	2950	9.6	94627.7 -5522.5	3040	9.4	95417.2 -5517.4	3130	10.0	100246.2 -5552.0
2861	10.3	93732.2 -5549.4	2951	10.3	94633.7 -5550.3	3041	10.3	95418.8 -5511.9	3131	10.8	100246.5 -5514.1
2862	10.5	93744.7 -5551.4	2952	11.0	94636.7 -5538.3	3042	10.0	95423.0 -5532.0	3132	11.0	100248.0 -5511.6
2863	9.8	93746.6 -5514.6	2953	11.0	94636.7 -5527.0	3043	10.3	95425.8 -5536.8	3133	10.8	100251.6 -5524.8
2864	10.5	93749.8 -5500.6	2954	10.0	94639.5 -5506.4	3044	9.6	95427.0 -5546.1	3134	10.8	100310.8 -5535.0
2865	9.8	93752.7 -5522.6	2955	10.5	94641.2 -5552.3	3045	10.0	95438.3 -5513.7	3135	10.5	100312.6 -5552.0
2866	9.5	93755.4 -5505.6	2956	10.3	94641.7 -5544.3	3046	10.0	95442.0 -5547.1	3136	11.0	100317.1 -5533.6
2867	10.3	93800.4 -5537.5	2957	9.8	94645.5 -5507.0	3047	10.3	95443.0 -5504.4	3137	10.8	100320.0 -5512.0
2868	9.7	93803.2 -5529.6	2958	9.9	94649.9 -5534.3	3048	9.5	95445.0 -5552.1	3138	10.5	100321.6 -5525.0
2869	10.3	93808.8 -5505.6	2959	11.0	94657.6 -5515.5	3049	11.0	95447.3 -5519.4	3139	10.5	100326.6 -5529.0
2870	10.0	93827.7 -5521.6	2960	9.4	94700.8 -5506.5	3050	9.3	95453.0 -5543.1	3140	9.1	100330.1 -5559.0
2871	11.5	93832.3 -5505.6	2961	8.5	94708.4 -5540.3	3051	10.5	95502.0 -5504.0	3141	11.0	100333.7 -5505.0
2872	7.4	93837.9 -5515.6	2962	9.6	94719.1 -5516.5	3052	10.8	95502.4 -5537.1	3142	11.0	100337.6 -5520.9
2873	9.5	93849.2 -5548.4	2963	9.5	94727.9 -5546.3	3053	10.5	95504.6 -5534.4	3143	10.5	100343.7 -5501.9
2874	9.9	93853.8 -5501.6	2964	10.5	94732.4 -5534.3	3054	10.0	95524.8 -5556.1	3144	10.3	100344.3 -5559.0
2875	9.4	93900.7 -5544.4	2965	9.3	94737.0 -5555.3	3055	10.0	95524.9 -5559.1	3145	10.5	100345.6 -5519.7
2876	10.0	93903.3 -5506.6	2966	11.0	94739.9 -5535.5	3056	11.0	95528.3 -5512.4	3146	10.0	100348.1 -5524.9
2877	10.3	93904.7 -5527.6	2967	10.0	94740.6 -5515.5	3057	9.8	95528.3 -5517.4	3147	9.9	100359.0 -5554.0
2878	11.0	93907.1 -5520.6	2968	10.0	94750.3 -5532.5	3058	10.3	95530.9 -5522.4	3148	9.3	100401.0 -5525.9
2879	10.0	93910.4 -5536.5	2969	10.8	94756.0 -5554.3	3059	10.3	95535.8 -5511.4	3149	7.5	100401.5 -5549.0
2880	10.5	93912.3 -5530.6	2970	10.0	94756.8 -5508.5	3060	11.0	95603.5 -5530.4	3150	9.3	100411.6 -5508.9
2881	9.8	93936.3 -5506.6	2971	10.0	94801.6 -5514.7	3061	11.0	95604.5 -5541.1	3151	8.0	100416.6 -5547.0
2882	11.0	93936.3 -5524.6	2972	11.0	94802.7 -5522.0	3062	9.7	95606.6 -5557.1	3152	10.8	100437.6 -5508.4
2883	10.3	93941.9 -5535.5	2973	11.0	94806.2 -5520.5	3063	9.3	95609.3 -5547.1	3153	9.6	100437.9 -5546.0
2884	9.8	93943.4 -5546.4	2974	9.5	94811.8 -5509.5	3064	10.5	95612.8 -5500.4	3154	9.7	100440.2 -5518.2
2885	10.5	93950.1 -5513.1	2975	9.5	94817.8 -5506.8	3065	10.5	95633.0 -5546.1	3155	10.0	100442.5 -5545.0
2886	10.3	93951.9 -5537.5	2976	9.2	94822.9 -5537.4	3066	10.3	95635.1 -5545.1	3156	11.0	100443.9 -5513.8
2887	9.8	93953.7 -5527.6	2977	9.5	94825.3 -5527.5	3067	10.5	95636.4 -5521.4	3157	9.7	100444.1 -5533.2
2888	11.3	94001.6 -5554.4	2978	9.9	94834.6 -5555.2	3068	10.3	95638.8 -5557.1	3158	10.5	100445.4 -5511.6
2889	8.7	94014.3 -5503.6	2979	11.0	94854.1 -5557.2	3069	9.6	95643.1 -5553.1	3159	9.2	100449.1 -5536.4
2890	11.0	94023.9 -5539.6	2980	11.3	94902.6 -5512.8	3070	9.3	95646.4 -5541.1	3160	10.8	100501.1 -5503.6
2891	9.1	94025.1 -5526.6	2981	9.2	94903.1 -5548.2	3071	9.2	95649.6 -5524.0	3161	11.0	100504.9 -5509.6
2892	8.7	94037.7 -5502.6	2982	10.0	94907.8 -5542.2	3072	7.1	95652.3 -5530.0	3162	9.6	100507.2 -5526.0
2893	9.4	94038.5 -5506.1	2983	11.3	94912.3 -5529.5	3073	10.8	95656.4 -5529.4	3163	10.3	100514.0 -5533.7
2894	10.5	94043.3 -5559.4	2984	10.3	94912.5 -5537.4	3074	10.3	95702.4 -5544.1	3164	11.0	100536.5 -5525.9
2895	9.5	94046.9 -5514.6	2985	10.3	94915.2 -5527.5	3075	9.0	95702.9 -5551.1	3165	9.3	100536.9 -5508.7
2896	8.3	94051.4 -5527.1	2986	11.0	94922.8 -5506.5	3076	9.7	95709.5 -5532.2	3166	9.8	100538.5 -5549.0
2897	8.7	94053.2 -5551.4	2987	10.5	94928.7 -5554.2	3077	9.8	95713.0 -5505.6	3167	10.8	100540.6 -5534.8
2898	10.8	94102.8 -5500.6	2988	9.3	94930.2 -5524.5	3078	10.8	95715.3 -5501.4	3168	9.8	100543.9 -5500.7
2899	10.5	94110.2 -5529.6	2989	10.0	94930.9 -5537.4	3079	11.5	95720.0 -5515.4	3169	9.8	100547.3 -5547.0
2900	9.0	94119.8 -5515.6	2990	9.3	94937.1 -5517.5	3080	9.0	95721.6 -5543.1	3170	10.5	100549.9 -5541.0
2901	10.5	94122.3 -5540.5	2991	11.0	94937.8 -5507.2	3081	9.5	95726.4 -5525.8	3171	10.5	100552.0 -5534.0
2902	9.2	94127.7 -5510.6	2992	10.8	94939.1 -5515.5	3082	10.0	95745.3 -5544.1	3172	10.8	100553.8 -5552.0
2903	11.0	94135.5 -5528.6	2993	11.0	94955.9 -5537.4	3083	10.5	95802.7 -5537.2	3173	9.9	100556.8 -5524.6
2904	11.0	94140.1 -5557.4	2994	9.9	94956.0 -5553.2	3084	10.3	95807.9 -5523.3	3174	10.0	100601.2 -5559.0
2905	11.0	94152.4 -5536.6	2995	11.0	94957.0 -5509.5	3085	10.3	95810.1 -5555.1	3175	11.0	100605.1 -5516.2
2906	8.3	94158.2 -5513.6	2996	9.4	95005.2 -5546.2	3086	9.0	95811.3 -5536.2	3176	10.3	100622.7 -5513.4
2907	10.3	94210.2 -5551.3	2997	9.4	95005.3 -5502.5	3087	9.5	95811.8 -5516.1	3177	10.8	100626.2 -5509.9
2908	11.0	94216.6 -5508.5	2998	10.3	95018.8 -5542.2	3088	7.9	95814.6 -5539.2	3178	9.9	100629.8 -5546.9
2909	8.5	94227.6 -5559.3	2999	10.3	95030.5 -5538.3	3089	9.6	95822.6 -5537.0	3179	10.0	100641.3 -5536.6
2910	9.9	94227.9 -5509.5	3000	10.5	95039.1 -5559.2	3090	10.0	95837.0 -5510.3	3180	8.5	100641.4 -5529.6

3181	10.0	100641.5	-5536.9	3271	9.0	101353.6	-5535.4	3361	11.0	102038.2	-5501.0	3451	9.3	102817.2	-5515.9
3182	10.0	100643.0	-5559.9	3272	8.1	101354.6	-5555.8	3362	10.5	102038.5	-5500.0	3452	10.5	102821.2	-5504.9
3183	9.3	100645.8	-5545.9	3273	10.0	101357.2	-5507.0	3363	10.8	102046.2	-5529.0	3453	9.8	102830.6	-5532.8
3184	10.3	100650.3	-5549.9	3274	10.3	101357.4	-5519.1	3364	10.5	102047.2	-5541.4	3454	9.9	102837.4	-5509.9
3185	10.5	100652.8	-5548.9	3275	10.5	101402.9	-5510.1	3365	10.3	102048.7	-5528.0	3455	9.6	102838.9	-5506.9
3186	10.8	100656.2	-5556.9	3276	10.8	101404.0	-5524.1	3366	9.6	102057.5	-5524.0	3456	9.3	102841.8	-5504.9
3187	11.0	100705.4	-5529.5	3277	6.6	101405.1	-5529.1	3367	11.0	102058.2	-5506.0	3457	10.0	102851.1	-5529.9
3188	10.3	100709.9	-5507.4	3278	8.1	101411.5	-5524.1	3368	10.5	102107.2	-5534.4	3458	9.8	102851.4	-5546.6
3189	9.6	100714.1	-5513.7	3279	9.1	101415.0	-5502.1	3369	8.6	102109.4	-5558.7	3459	10.3	102851.5	-5507.9
3190	8.4	100716.8	-5523.0	3280	10.8	101416.4	-5542.8	3370	10.5	102112.2	-5536.4	3460	11.0	102852.6	-5531.9
3191	9.9	100717.4	-5512.8	3281	7.5	101425.9	-5524.1	3371	10.3	102112.3	-5508.0	3461	10.0	102858.1	-5556.6
3192	10.0	100721.3	-5551.9	3282	9.0	101429.4	-5546.8	3372	10.3	102119.4	-5511.0	3462	9.9	102901.0	-5518.9
3193	10.5	100724.4	-5532.2	3283	10.5	101438.7	-5536.1	3373	10.5	102120.7	-5500.0	3463	8.7	102903.0	-5539.6
3194	10.8	100733.2	-5500.0	3284	9.9	101454.9	-5512.1	3374	9.3	102133.4	-5507.0	3464	11.0	102904.9	-5508.9
3195	9.1	100735.2	-5553.9	3285	10.3	101501.3	-5552.8	3375	11.0	102136.9	-5515.0	3465	10.5	102916.8	-5504.9
3196	11.0	100750.8	-5543.9	3286	10.3	101507.9	-5539.0	3376	9.9	102138.5	-5527.0	3466	8.7	102931.3	-5515.9
3197	9.9	100755.3	-5548.9	3287	9.5	101508.2	-5520.5	3377	9.7	102149.2	-5537.4	3467	10.5	102939.1	-5502.9
3198	10.5	100803.4	-5505.2	3288	9.6	101514.0	-5501.1	3378	11.0	102156.0	-5528.0	3468	9.0	102941.5	-5554.1
3199	10.8	100806.9	-5531.4	3289	10.5	101514.5	-5502.1	3379	10.0	102201.3	-5517.0	3469	10.5	102945.2	-5500.9
3200	9.2	100811.7	-5509.6	3290	9.7	101521.3	-5548.8	3380	10.3	102203.7	-5501.0	3470	10.3	102948.5	-5502.9
3201	10.5	100814.3	-5525.4	3291	11.0	101525.5	-5530.1	3381	9.9	102210.5	-5506.0	3471	10.0	102952.5	-5522.9
3202	7.8	100817.8	-5532.0	3292	10.5	101526.8	-5535.4	3382	10.5	102217.0	-5502.0	3472	8.5	103002.0	-5555.4
3203	10.5	100823.9	-5536.8	3293	10.3	101528.4	-5503.1	3383	10.3	102220.0	-5521.0	3473	9.8	103003.7	-5549.4
3204	10.5	100831.8	-5520.6	3294	10.8	101528.8	-5550.8	3384	11.0	102221.0	-5501.0	3474	11.0	103007.5	-5520.9
3205	10.3	100837.4	-5500.3	3295	8.4	101533.3	-5558.8	3385	11.0	102222.7	-5510.0	3475	9.6	103013.5	-5544.0
3206	11.0	100837.9	-5529.3	3296	11.0	101537.4	-5524.1	3386	10.5	102226.7	-5523.1	3476	10.5	103023.0	-5508.9
3207	10.8	100840.8	-5550.9	3297	11.0	101544.8	-5511.1	3387	10.3	102228.6	-5519.0	3477	11.0	103030.1	-5530.4
3208	9.6	100845.2	-5519.3	3298	9.8	101549.3	-5549.8	3388	9.5	102230.4	-5524.0	3478	9.9	103032.0	-5527.9
3209	10.3	100845.8	-5509.0	3299	9.6	101550.9	-5524.1	3389	10.5	102235.8	-5506.0	3479	11.0	103037.7	-5536.9
3210	9.0	100849.1	-5539.1	3300	10.8	101551.6	-5541.8	3390	9.8	102236.2	-5515.0	3480	11.0	103047.6	-5531.9
3211	7.1	100853.3	-5557.9	3301	10.8	101554.9	-5510.1	3391	11.0	102236.7	-5543.7	3481	9.5	103049.3	-5511.9
3212	9.0	100905.1	-5509.8	3302	10.5	101601.9	-5523.1	3392	11.0	102244.0	-5523.0	3482	10.0	103049.5	-5548.9
3213	10.5	100905.2	-5525.8	3303	9.4	101601.9	-5520.1	3393	7.9	102308.3	-5533.8	3483	10.8	103051.8	-5506.9
3214	9.7	100910.3	-5505.2	3304	8.1	101610.7	-5551.8	3394	10.0	102313.4	-5529.0	3484	9.5	103052.5	-5542.2
3215	11.0	100914.7	-5535.2	3305	10.3	101615.5	-5526.3	3395	8.9	102322.6	-5554.7	3485	10.3	103106.5	-5520.8
3216	10.3	100922.3	-5531.4	3306	4.4	101616.1	-5525.1	3396	9.7	102327.6	-5558.7	3486	11.0	103115.2	-5523.8
3217	9.5	100929.1	-5512.6	3307	10.8	101624.1	-5533.1	3397	10.5	102334.3	-5525.0	3487	10.0	103124.9	-5516.8
3218	10.0	100931.2	-5524.8	3308	10.0	101626.3	-5543.8	3398	9.7	102341.8	-5523.0	3488	10.5	103127.4	-5509.8
3219	9.9	100936.6	-5513.2	3309	10.8	101633.3	-5546.8	3399	9.3	102343.3	-5509.0	3489	10.5	103133.0	-5518.8
3220	9.8	100938.7	-5521.5	3310	10.3	101634.3	-5517.1	3400	9.4	102344.6	-5521.0	3490	9.5	103136.5	-5541.4
3221	10.5	100945.6	-5556.9	3311	9.4	101634.4	-5503.1	3401	10.3	102352.3	-5500.0	3491	9.3	103136.5	-5537.9
3222	11.0	100949.8	-5530.2	3312	10.3	101636.4	-5518.1	3402	10.5	102354.2	-5543.7	3492	9.5	103139.5	-5554.6
3223	9.6	100951.1	-5552.9	3313	10.5	101636.4	-5524.1	3403	9.8	102401.8	-5541.7	3493	10.0	103147.5	-5544.0
3224	10.0	101003.3	-5541.9	3314	9.7	101638.5	-5531.1	3404	9.8	102402.8	-5525.9	3494	11.0	103151.0	-5534.9
3225	11.0	101008.5	-5524.8	3315	10.5	101639.0	-5502.0	3405	10.0	102414.9	-5538.9	3495	8.6	103205.5	-5537.4
3226	11.0	101013.8	-5501.6	3316	10.5	101640.4	-5502.4	3406	10.3	102416.2	-5524.9	3496	9.7	103217.5	-5515.8
3227	10.5	101015.4	-5518.2	3317	10.5	101640.4	-5541.8	3407	9.0	102419.0	-5556.6	3497	9.6	103223.5	-5512.8
3228	1.0	101015.4	-5518.2	3318	9.4	101643.2	-5511.6	3408	10.5	102419.7	-5521.9	3498	11.0	103225.3	-5555.3
3229	7.7	101015.5	-5537.2	3319	10.0	101643.2	-5554.8	3409	9.8	102427.4	-5526.9	3499	10.5	103228.0	-5532.4
3230	8.5	101022.0	-5551.9	3320	10.5	101644.2	-5540.1	3410	10.5	102429.3	-5509.9	3500	10.5	103228.0	-5535.9
3231	8.2	101034.8	-5502.1	3321	10.5	101645.2	-5539.1	3411	9.0	102433.7	-5552.6	3501	10.0	103232.8	-5558.6
3232	8.3	101042.4	-5504.1	3322	10.5	101647.3	-5512.1	3412	10.3	102433.9	-5505.9	3502	10.8	103237.6	-5503.8
3233	10.3	101046.0	-5524.1	3323	10.5	101647.4	-5527.1	3413	9.5	102442.6	-5522.9	3503	9.8	103243.6	-5527.8
3234	10.3	101057.5	-5519.1	3324	10.3	101654.9	-5540.8	3414	9.3	102444.8	-5550.6	3504	10.5	103251.8	-5541.9
3235	8.5	101100.3	-5529.1	3325	11.0	101656.2	-5508.1	3415	9.7	102454.8	-5518.9	3505	9.8	103259.0	-5517.8
3236	10.5	101100.9	-5501.1	3326	10.0	101700.8	-5545.8	3416	10.8	102500.0	-5546.6	3506	9.5	103304.1	-5521.8
3237	8.8	101109.8	-5502.8	3327	9.3	101707.6	-5537.4	3417	9.8	102502.0	-5558.6	3507	10.8	103305.0	-5510.8
3238	10.5	101110.0	-5550.9	3328	9.9	101714.9	-5528.0	3418	10.3	102509.2	-5506.9	3508	9.7	103307.6	-5521.8
3239	11.0	101113.9	-5503.1	3329	10.0	101721.0	-5537.9	3419	10.3	102511.2	-5524.9	3509	10.0	103314.1	-5553.5
3240	9.4	101114.7	-5517.1	3330	10.8	101725.0	-5528.0	3420	11.0	102522.5	-5539.9	3510	10.0	103315.3	-5559.1
3241	9.0	101121.7	-5525.1	3331	11.0	101733.0	-5526.0	3421	10.5	102524.9	-5524.9	3511	9.7	103316.3	-5501.8
3242	11.0	101127.7	-5533.1	3332	10.5	101740.9	-5527.0	3422	10.3	102542.9	-5515.9	3512	9.6	103320.0	-5513.8
3243	9.6	101136.8	-5517.1	3333	10.3	101744.9	-5539.8	3423	8.4	102548.0	-5517.9	3513	10.8	103325.7	-5530.8
3244	11.0	101147.5	-5514.1	3334	10.3	101747.9	-5505.0	3424	10.3	102549.3	-5545.6	3514	10.3	103326.1	-5525.8
3245	10.5	101152.0	-5544.9	3335	9.0	101756.9	-5507.0	3425	10.3	102549.6	-5505.9	3515	10.5	103328.1	-5528.8
3246	10.5	101201.0	-5512.1	3336	10.5	101804.4	-5521.0	3426	11.0	102550.9	-5523.9	3516	10.8	103333.1	-5523.8
3247	10.0	101205.7	-5530.1	3337	9.4	101804.8	-5551.8	3427	10.5	102557.7	-5555.6	3517	10.8	103336.6	-5522.8
3248	11.0	101207.6	-5520.9	3338	10.5	101818.3	-5551.7	3428	9.1	102605.4	-5503.9	3518	9.5	103341.1	-5504.8
3249	10.5	101210.6	-5524.4	3339	10.5	101823.4	-5524.0	3429	11.0	102609.3	-5534.9	3519	11.0	103341.4	-5508.8
3250	9.0	101213.6	-5540.0	3340	10.8	101823.4	-5528.0	3430	10.3	102615.0	-5537.2	3520	10.0	103351.3	-5558.8
3251	9.2	101218.2	-5503.8	3341	9.4	101832.3	-5509.0	3431	10.3	102631.6	-5537.2	3521	11.0	103400.1	-5523.8
3252	11.0	101219.1	-5523.6	3342	9.8	101839.4	-5556.7	3432	10.3	102633.3	-5533.9	3522	10.3	103406.0	-5512.8
3253	9.4	101227.8	-5512.1	3343	9.8	101845.1	-5554.7	3433	10.3	102637.7	-5558.6	3523	10.5	103409.1	-5538.7
3254	9.2	101234.2	-5517.7	3344	11.0	101850.1	-5538.0	3434	10.0	102638.0	-5531.9	3524	10.5	103410.6	-5516.8
3255	9.6	101243.1	-5536.6	3345	9.5	101852.9	-5524.0	3435	10.5	102639.7	-5505.9	3525	9.6	103420.7	-5508.8
3256	9.3	101246.4	-5523.1	3346	10.5	101858.1	-5510.0	3436	10.0	102642.8	-5513.9	3526	10.0	103421.4	-5546.8
3257	9.5	101247.0	-5507.3	3347	11.0	101901.8	-5529.0	3437	9.2	102648.5	-5526.9	3527	10.0	103424.7	-5551.5
3258	9.4	101259.9	-5512.1	3348	9.4	101916.7	-5521.0	3438	10.0	102649.2	-5553.6	3528	10.5	103424.9	-5528.8
3259	10.8	101306.4	-5551.8	3349	10.3	101920.5	-5553.7	3439	9.9	102710.5	-5525.9	3529	7.5	103426.0	-5520.8
3260	10.0	101309.4	-5548.8	3350	10.8	101925.4	-5533.0	3440	11.0	102718.3	-5514.9	3530	11.0	103432.2	-5535.0
3261	10.5	101312.5	-5540.4	3351	11.0	101927.3	-5526.0	3441	10.0	102719.9	-5522.9	3531	10.0	103432.8	-5530.8
3262	10.5	101319.7	-5502.1	3352	10.5	101930.1	-5510.0	3442	10.5	102721.7	-5535.8	3532	9.7	103438.2	-5542.9
3263	9.4	101322.4	-5516.1	3353	9.9	101931.3	-5532.0	3443	9.7	102722.4	-5558.6	3533	10.0	103441.7	-5545.4
3264	10.5	101324.0	-5523.1	3354	11.0	101932.4	-5536.0	3444	10.3	102725.3	-5550.6	3534	9.5	103441.7	-5551.0
3265	11.0	101333.2	-5534.0	3355	10.8	101934.6	-5514.0	3445	8.6	102727.1	-5527.9	3535	10.3	103454.6	-5515.8
3266	10.3	101341.0	-5507.1	3356	11.0	101935.0	-5539.0	3446	11.0	102734.7	-5538.9	3536	10.8	103457.3	-5529.8
3267	9.9	101346.0	-5504.0	3357	9.6	101943.7	-5522.0	3447	9.7	102744.6	-5528.9	3537	8.0	103459.5	-5537.7
3268	10.8	101347.6	-5550.8	3358	8.7	101944.8	-5537.4	3448	10.3	102749.4	-5509.9	3538	10.8	103510.7	-5520.8
3269	9.9	101350.2	-5557.8	3359	11.0	101957.0	-5508.0	3449	10.3	102750.8	-5559.6	3539	9.0	103511.0	-5555.0
3270	10.5	101350.9	-5550.8	3360	10.8	102024.2	-5504.0	3450	9.6	102751.7	-5505.9	3540	10.5	103511.1	-5516.8

3541	9.2	103525.2	-5535.5	3631	11.0	104121.6	-5531.7	3721	10.0	104919.8	-5553.7	3811	9.2	105656.4	-5539.7
3542	9.7	103528.2	-5556.5	3632	10.3	104121.7	-5537.7	3722	9.6	104925.5	-5518.4	3812	9.5	105716.0	-5513.8
3543	10.0	103532.2	-5542.3	3633	9.5	104129.6	-5551.8	3723	10.5	104926.5	-5533.6	3813	10.0	105722.0	-5556.2
3544	10.3	103536.9	-5504.8	3634	10.8	104136.1	-5528.7	3724	10.8	104931.7	-5522.6	3814	9.0	105728.0	-5535.9
3545	9.3	103537.4	-5539.0	3635	10.0	104138.6	-5545.4	3725	10.3	104932.0	-5554.8	3815	9.4	105729.8	-5509.8
3546	10.5	103544.2	-5505.8	3636	9.8	104140.0	-5507.3	3726	9.6	104938.6	-5529.6	3816	9.2	105729.8	-5539.4
3547	10.0	103546.8	-5532.8	3637	10.8	104141.7	-5527.7	3727	10.5	105011.5	-5516.6	3817	10.5	105735.6	-5508.8
3548	10.5	103548.2	-5508.8	3638	9.9	104142.5	-5524.7	3728	10.0	105015.7	-5503.6	3818	10.5	105742.6	-5525.8
3549	10.5	103551.7	-5502.8	3639	10.0	104151.4	-5517.4	3729	10.8	105026.9	-5525.6	3819	11.0	105751.8	-5519.2
3550	10.3	103556.9	-5533.8	3640	9.8	104152.6	-5545.0	3730	10.8	105027.3	-5502.6	3820	10.0	105758.1	-5543.8
3551	10.0	103559.7	-5557.9	3641	10.0	104215.9	-5515.4	3731	9.8	105029.0	-5542.9	3821	10.0	105759.6	-5525.8
3552	9.6	103600.9	-5532.8	3642	10.8	104219.4	-5513.7	3732	11.0	105036.0	-5548.4	3822	10.8	105805.9	-5507.8
3553	10.0	103605.7	-5557.1	3643	11.3	104219.4	-5513.7	3733	11.0	105040.1	-5512.6	3823	10.0	105821.6	-5522.8
3554	10.0	103606.3	-5514.8	3644	11.3	104222.6	-5527.7	3734	9.6	105040.6	-5548.0	3824	11.0	105824.1	-5526.8
3555	9.0	103608.7	-5515.8	3645	9.6	104223.6	-5507.7	3735	9.9	105047.0	-5530.6	3825	9.9	105828.7	-5532.8
3556	10.3	103609.4	-5526.8	3646	10.5	104224.0	-5503.7	3736	10.8	105048.1	-5512.6	3826	10.0	105836.6	-5540.6
3557	9.5	103612.2	-5516.8	3647	10.0	104228.5	-5501.7	3737	9.6	105052.3	-5529.6	3827	9.4	105842.4	-5505.8
3558	10.5	103614.8	-5522.8	3648	10.8	104236.1	-5501.7	3738	9.0	105052.6	-5546.6	3828	10.0	105901.1	-5505.9
3559	7.3	103627.6	-5524.8	3649	10.0	104247.5	-5500.7	3739	9.9	105056.7	-5517.6	3829	10.0	105901.2	-5541.2
3560	9.7	103631.2	-5517.8	3650	10.8	104248.2	-5532.7	3740	10.5	105106.0	-5536.4	3830	10.0	105921.7	-5531.2
3561	8.6	103634.5	-5526.8	3651	8.1	104251.0	-5518.7	3741	10.5	105121.8	-5551.4	3831	10.0	105926.7	-5530.9
3562	10.3	103636.8	-5533.8	3652	9.0	104252.0	-5548.2	3742	10.5	105126.5	-5538.6	3832	10.5	105931.2	-5529.9
3563	11.0	103641.7	-5511.8	3653	10.5	104257.3	-5500.7	3743	10.0	105127.8	-5549.9	3833	10.3	105932.6	-5503.9
3564	10.0	103644.8	-5505.8	3654	10.3	104301.0	-5558.1	3744	10.8	105130.5	-5530.6	3834	10.8	105935.0	-5507.9
3565	9.0	103645.2	-5541.0	3655	10.5	104302.9	-5514.7	3745	9.6	105133.0	-5548.8	3835	9.1	105940.1	-5524.9
3566	10.3	103646.2	-5536.6	3656	10.0	104306.0	-5539.0	3746	9.7	105143.3	-5529.6	3836	10.8	105942.0	-5510.9
3567	11.0	103700.2	-5554.1	3657	9.9	104316.4	-5515.7	3747	9.1	105146.7	-5504.6	3837	9.6	105942.0	-5512.9
3568	10.0	103701.3	-5525.8	3658	10.0	104320.0	-5556.8	3748	11.5	105157.2	-5500.5	3838	9.0	105942.4	-5543.6
3569	10.5	103715.3	-5523.8	3659	8.6	104324.8	-5558.0	3749	9.5	105200.0	-5541.0	3839	9.7	105944.1	-5519.9
3570	10.0	103715.7	-5558.7	3660	11.0	104332.9	-5513.7	3750	9.6	105200.8	-5504.5	3840	11.0	105946.6	-5527.9
3571	10.5	103727.2	-5533.6	3661	9.6	104339.2	-5554.7	3751	10.3	105202.1	-5516.5	3841	11.0	105950.3	-5533.9
3572	11.0	103728.3	-5520.8	3662	10.5	104341.2	-5533.7	3752	10.5	105206.0	-5542.0	3842	9.7	105955.6	-5521.9
3573	10.3	103735.2	-5517.8	3663	11.0	104349.5	-5523.7	3753	10.5	105211.5	-5525.2	3843	11.0	110003.9	-5539.9
3574	9.3	103737.6	-5549.4	3664	10.5	104354.4	-5541.0	3754	10.5	105216.0	-5542.8	3844	10.3	110020.1	-5527.9
3575	11.0	103741.3	-5550.0	3665	9.0	104354.9	-5556.2	3755	10.5	105220.5	-5523.5	3845	9.3	110027.0	-5548.0
3576	9.5	103750.0	-5552.6	3666	10.0	104402.2	-5536.7	3756	10.5	105221.4	-5538.5	3846	11.0	110029.5	-5517.9
3577	10.5	103750.3	-5520.8	3667	10.0	104406.0	-5519.7	3757	10.0	105223.5	-5529.5	3847	9.4	110043.5	-5504.9
3578	8.5	103753.8	-5554.0	3668	10.5	104407.9	-5510.7	3758	10.5	105231.9	-5516.5	3848	9.8	110048.0	-5547.8
3579	10.5	103759.4	-5526.8	3669	10.5	104418.4	-5543.4	3759	9.4	105234.4	-5539.2	3849	8.4	110053.0	-5514.9
3580	10.3	103801.4	-5531.7	3670	9.8	104418.4	-5547.6	3760	11.0	105240.1	-5527.5	3850	10.3	110059.1	-5504.9
3581	10.5	103802.3	-5520.7	3671	10.3	104423.3	-5513.7	3761	8.6	105247.7	-5536.6	3851	9.8	110104.3	-5533.9
3582	10.3	103811.2	-5518.7	3672	10.5	104423.5	-5519.7	3762	6.9	105248.1	-5506.5	3852	10.0	110105.1	-5505.9
3583	10.5	103816.3	-5507.7	3673	10.5	104426.0	-5502.7	3763	10.3	105249.3	-5503.5	3853	10.5	110127.3	-5501.9
3584	10.5	103825.4	-5525.7	3674	10.0	104435.2	-5555.2	3764	10.5	105255.0	-5518.5	3854	10.5	110200.3	-5538.9
3585	9.7	103828.4	-5558.7	3675	10.8	104436.4	-5525.7	3765	10.5	105258.6	-5526.5	3855	10.3	110205.5	-5508.9
3586	10.3	103832.8	-5534.7	3676	10.5	104445.2	-5517.7	3766	10.3	105303.0	-5523.5	3856	10.5	110206.5	-5528.9
3587	9.5	103834.2	-5515.7	3677	10.5	104451.4	-5516.7	3767	9.5	105309.0	-5558.8	3857	8.5	110216.6	-5559.3
3588	10.0	103836.8	-5536.9	3678	10.8	104452.5	-5529.7	3768	10.0	105315.4	-5540.1	3858	9.4	110223.5	-5507.9
3589	10.5	103837.6	-5537.7	3679	10.3	104455.4	-5501.6	3769	10.0	105324.9	-5512.5	3859	10.8	110247.5	-5510.0
3590	10.0	103839.2	-5513.7	3680	10.0	104500.8	-5555.3	3770	10.0	105336.0	-5543.2	3860	9.7	110257.0	-5542.5
3591	10.8	103901.2	-5532.9	3681	9.5	104502.6	-5548.0	3771	11.0	105337.4	-5544.5	3861	8.7	110303.0	-5548.5
3592	7.7	103906.6	-5507.7	3682	9.6	104514.5	-5510.6	3772	9.3	105338.0	-5503.5	3862	10.5	110304.1	-5520.0
3593	10.8	103909.3	-5505.7	3683	9.6	104514.8	-5558.0	3773	10.3	105350.5	-5520.5	3863	10.0	110316.0	-5554.6
3594	11.0	103911.4	-5517.7	3684	10.0	104516.0	-5541.9	3774	10.8	105401.9	-5507.5	3864	10.0	110318.6	-5551.8
3595	9.7	103913.8	-5537.6	3685	10.0	104518.4	-5554.2	3775	9.4	105415.5	-5520.5	3865	10.0	110319.8	-5538.0
3596	10.0	103920.6	-5550.1	3686	8.6	104519.4	-5540.9	3776	9.0	105416.0	-5557.1	3866	10.5	110320.0	-5531.0
3597	10.0	103924.6	-5554.7	3687	9.1	104523.9	-5519.6	3777	10.8	105417.0	-5521.5	3867	10.5	110329.6	-5529.0
3598	10.0	103929.7	-5512.7	3688	11.0	104528.1	-5540.8	3778	10.8	105418.0	-5524.5	3868	9.6	110337.2	-5513.0
3599	10.0	103931.1	-5553.3	3689	10.0	104530.6	-5555.2	3779	9.3	105419.0	-5522.5	3869	9.7	110339.1	-5544.6
3600	10.5	103935.0	-5512.7	3690	9.7	104537.8	-5515.6	3780	10.0	105420.4	-5510.5	3870	10.5	110342.3	-5534.3
3601	10.5	103936.7	-5549.2	3691	10.0	104546.0	-5548.6	3781	7.6	105426.1	-5532.5	3871	10.5	110343.4	-5535.6
3602	10.0	103938.6	-5550.0	3692	10.5	104559.6	-5532.6	3782	11.0	105433.0	-5520.5	3872	8.8	110402.1	-5529.0
3603	10.5	103939.4	-5506.7	3693	10.0	104600.5	-5502.6	3783	10.0	105433.6	-5530.5	3873	9.6	110415.0	-5501.0
3604	9.2	103940.5	-5503.7	3694	9.4	104609.2	-5544.9	3784	10.3	105436.7	-5524.5	3874	11.0	110418.6	-5521.0
3605	9.5	103940.7	-5554.7	3695	10.3	104610.7	-5539.6	3785	10.3	105441.8	-5520.5	3875	10.0	110424.0	-5514.0
3606	10.3	103941.3	-5504.7	3696	10.5	104624.9	-5503.6	3786	10.8	105451.7	-5509.5	3876	10.0	110426.4	-5545.6
3607	10.0	103944.8	-5505.7	3697	11.0	104627.0	-5530.6	3787	11.0	105458.3	-5518.6	3877	9.2	110427.4	-5559.6
3608	8.8	103954.6	-5538.2	3698	10.0	104629.1	-5533.6	3788	10.0	105500.1	-5508.8	3878	9.4	110429.7	-5556.6
3609	10.5	104006.6	-5535.2	3699	10.0	104635.4	-5524.6	3789	10.5	105500.9	-5503.6	3879	9.7	110431.8	-5518.0
3610	10.5	104011.2	-5536.7	3700	10.5	104638.6	-5531.6	3790	8.7	105501.1	-5510.6	3880	11.0	110433.0	-5513.0
3611	9.2	104012.6	-5518.7	3701	10.3	104640.9	-5526.6	3791	9.7	105502.2	-5559.0	3881	10.5	110445.7	-5534.0
3612	10.3	104015.2	-5504.7	3702	9.0	104646.4	-5553.6	3792	9.7	105506.2	-5552.0	3882	10.0	110447.1	-5544.6
3613	10.3	104015.2	-5505.7	3703	10.0	104655.6	-5553.2	3793	10.0	105511.4	-5532.6	3883	9.1	110450.7	-5550.6
3614	8.4	104016.6	-5546.4	3704	8.8	104658.4	-5529.6	3794	10.5	105516.0	-5532.6	3884	10.5	110452.3	-5553.6
3615	11.0	104018.4	-5518.7	3705	9.5	104700.9	-5533.6	3795	10.5	105516.8	-5523.5	3885	10.3	110502.6	-5526.0
3616	8.2	104018.8	-5553.2	3706	10.3	104703.2	-5509.6	3796	9.5	105526.8	-5530.6	3886	11.0	110504.7	-5506.0
3617	10.5	104022.7	-5503.7	3707	11.0	104712.3	-5524.6	3797	9.6	105528.8	-5540.2	3887	10.0	110508.4	-5538.5
3618	10.5	104023.6	-5507.7	3708	10.5	104735.9	-5532.6	3798	9.8	105531.2	-5542.4	3888	10.0	110511.5	-5515.0
3619	9.5	104024.2	-5537.7	3709	11.0	104736.7	-5516.6	3799	10.3	105540.9	-5500.8	3889	10.0	110511.7	-5533.0
3620	7.1	104025.9	-5507.9	3710	10.3	104743.7	-5513.6	3800	9.4	105552.3	-5538.8	3890	10.3	110531.0	-5511.0
3621	10.5	104029.4	-5507.7	3711	10.5	104749.9	-5530.6	3801	10.5	105559.4	-5505.8	3891	10.0	110532.2	-5556.6
3622	9.4	104035.3	-5556.0	3712	10.5	104758.3	-5500.6	3802	9.5	105607.4	-5528.8	3892	11.0	110537.6	-5545.6
3623	11.0	104038.3	-5536.7	3713	10.3	104801.7	-5512.6	3803	9.5	105609.6	-5554.4	3893	9.8	110540.8	-5538.5
3624	9.5	104043.8	-5548.2	3714	11.0	104808.4	-5548.2	3804	10.8	105615.6	-5510.8	3894	10.8	110554.2	-5506.0
3625	9.1	104044.8	-5537.7	3715	8.7	104816.5	-5526.6	3805	10.0	105618.8	-5550.0	3895	9.6	110559.4	-5534.2
3626	10.5	104046.5	-5518.7	3716	10.3	104818.7	-5516.6	3806	11.0	105635.1	-5533.8	3896	9.7	110604.2	-5531.0
3627	10.5	104048.2	-5535.7	3717	6.0	104822.9	-5545.1	3807	11.0	105642.8	-5517.8	3897	10.3	110632.6	-5505.0
3628	10.5	104051.4	-5517.7	3718	10.5	104900.3	-5500.6	3808	8.5	105650.9	-5514.8	3898	10.0	110633.1	-5527.0
3629	10.3	104102.2	-5534.7	3719	10.5	104913.0	-5535.6	3809	8.7	105651.2	-5543.8	3899	9.3	110646.0	-5532.0
3630	9.9	104117.4	-5516.7	3720	11.0	104913.7	-5508.6	3810	9.9	105655.3	-5505.8	3900	10.0	110649.5	-5529.0

-55 3901 11h06m

-55 4260 11h43m

3901	9.2	110659.8	-5534.4	3991	9.0	111647.8	-5512.6	4081	9.6	112602.1	-5503.3
3902	9.2	110701.7	-5550.6	3992	9.6	111651.9	-5546.6	4082	10.3	112604.1	-5536.7
3903	10.3	110702.1	-5508.1	3993	10.3	111700.9	-5510.4	4083	10.3	112610.3	-5522.3
3904	10.3	110729.5	-5522.6	3994	10.5	111703.7	-5504.4	4084	10.3	112619.3	-5553.7
3905	7.8	110735.5	-5542.6	3995	9.8	111714.8	-5551.6	4085	9.2	112629.9	-5530.3
3906	9.9	110740.3	-5526.1	3996	9.3	111729.2	-5507.4	4086	9.8	112630.9	-5514.3
3907	9.8	110756.7	-5549.6	3997	10.0	111737.4	-5510.4	4087	10.3	112635.6	-5543.7
3908	9.4	110826.7	-5558.6	3998	9.7	111738.8	-5522.4	4088	9.4	112640.7	-5528.3
3909	8.6	110831.1	-5556.6	3999	10.0	111739.3	-5552.6	4089	9.6	112649.6	-5531.8
3910	10.5	110834.4	-5548.6	4000	10.3	111740.3	-5551.6	4090	10.3	112653.6	-5536.3
3911	10.5	110840.4	-5546.6	4001	10.0	111749.9	-5513.4	4091	10.0	112708.8	-5525.3
3912	10.0	110846.8	-5527.1	4002	10.3	111753.9	-5518.4	4092	9.9	112710.7	-5533.6
3913	8.0	110847.6	-5522.6	4003	9.9	111800.7	-5503.4	4093	10.3	112733.2	-5546.7
3914	9.5	110848.4	-5546.6	4004	10.5	111814.1	-5548.6	4094	10.3	112735.1	-5502.3
3915	8.3	110859.4	-5504.1	4005	9.8	111824.9	-5555.6	4095	9.7	112735.8	-5535.7
3916	10.3	110900.4	-5548.6	4006	10.0	111831.4	-5518.4	4096	9.7	112736.7	-5508.0
3917	11.0	110912.3	-5540.6	4007	10.3	111832.4	-5512.4	4097	9.8	112736.7	-5506.3
3918	10.3	110918.9	-5546.6	4008	10.3	111833.7	-5542.6	4098	9.6	112740.1	-5536.3
3919	10.0	110923.7	-5547.6	4009	10.3	111844.4	-5524.4	4099	9.9	112743.8	-5526.3
3920	9.8	110924.5	-5506.5	4010	9.7	111849.9	-5558.6	4100	9.9	112810.6	-5506.3
3921	10.3	110933.9	-5533.6	4011	10.0	111850.7	-5531.4	4101	10.8	112821.8	-5538.7
3922	10.3	110933.9	-5507.1	4012	8.5	111859.4	-5512.4	4102	9.5	112827.4	-5500.3
3923	9.6	110936.2	-5505.1	4013	10.3	111906.1	-5537.0	4103	10.0	112832.7	-5525.3
3924	10.3	110940.4	-5532.1	4014	10.3	111907.7	-5507.3	4104	9.8	112833.8	-5529.3
3925	10.3	110948.9	-5545.6	4015	10.5	111909.2	-5504.4	4105	10.0	112834.9	-5555.7
3926	10.5	110948.9	-5546.6	4016	10.0	111909.9	-5511.4	4106	10.5	112845.1	-5511.3
3927	9.3	110949.0	-5507.8	4017	10.3	111911.2	-5510.4	4107	10.5	112846.2	-5542.7
3928	10.0	110957.1	-5548.6	4018	10.3	111912.4	-5555.6	4108	10.3	112846.6	-5539.3
3929	8.8	110957.6	-5558.6	4019	9.9	111916.3	-5524.4	4109	10.3	112851.0	-5512.3
3930	10.0	111016.0	-5538.6	4020	9.5	111917.2	-5530.4	4110	10.0	112854.1	-5540.7
3931	8.6	111018.7	-5519.5	4021	8.9	111954.3	-5540.6	4111	10.0	112858.7	-5545.7
3932	9.8	111018.8	-5523.6	4022	10.0	111955.3	-5558.6	4112	10.3	112903.8	-5516.3
3933	10.5	111029.8	-5542.6	4023	10.0	111956.4	-5516.4	4113	7.4	112909.0	-5526.3
3934	10.5	111030.3	-5528.1	4024	8.6	112007.8	-5545.6	4114	8.6	112912.8	-5521.3
3935	9.8	111030.7	-5520.6	4025	10.0	112011.7	-5508.4	4115	9.5	112914.6	-5542.7
3936	10.3	111039.5	-5538.6	4026	9.9	112017.3	-5522.4	4116	10.3	112917.1	-5538.6
3937	9.9	111103.8	-5537.5	4027	10.3	112019.8	-5501.4	4117	9.3	112920.1	-5541.7
3938	10.5	111103.9	-5546.6	4028	9.5	112027.9	-5517.9	4118	10.3	112921.1	-5526.3
3939	9.6	111105.4	-5506.1	4029	10.3	112028.3	-5518.4	4119	9.7	112922.7	-5527.3
3940	9.0	111108.2	-5535.1	4030	9.9	112032.7	-5500.4	4120	9.3	112924.2	-5548.7
3941	9.8	111116.0	-5556.6	4031	10.3	112036.4	-5555.6	4121	9.7	112942.8	-5516.3
3942	9.7	111118.7	-5526.1	4032	9.1	112040.3	-5555.6	4122	9.8	112953.5	-5538.7
3943	10.5	111129.1	-5531.1	4033	9.6	112042.8	-5549.6	4123	10.3	113008.2	-5551.7
3944	10.3	111140.3	-5527.1	4034	9.5	112044.5	-5535.8	4124	9.5	113012.7	-5508.3
3945	10.0	111143.9	-5543.6	4035	10.0	112114.2	-5504.4	4125	9.9	113014.4	-5559.7
3946	9.5	111200.8	-5542.6	4036	7.0	112115.3	-5536.3	4126	9.9	113015.6	-5503.3
3947	10.3	111203.5	-5511.1	4037	9.1	112122.5	-5555.6	4127	9.5	113020.2	-5513.3
3948	9.5	111213.7	-5501.6	4038	10.8	112131.4	-5522.4	4128	10.0	113025.2	-5516.3
3949	9.8	111213.8	-5505.1	4039	10.0	112135.8	-5524.0	4129	8.3	113027.6	-5503.3
3950	9.5	111214.2	-5534.1	4040	9.1	112151.0	-5512.4	4130	10.0	113032.0	-5506.3
3951	10.5	111238.6	-5536.4	4041	9.7	112153.6	-5534.2	4131	9.4	113044.2	-5526.3
3952	10.3	111242.4	-5533.4	4042	9.8	112157.6	-5538.5	4132	10.8	113048.3	-5514.3
3953	10.3	111244.6	-5539.8	4043	9.7	112208.0	-5506.4	4133	10.3	113050.2	-5517.3
3954	10.0	111249.0	-5556.6	4044	10.3	112223.3	-5529.4	4134	10.3	113054.0	-5543.7
3955	10.0	111306.6	-5541.6	4045	10.3	112231.5	-5545.6	4135	10.3	113057.9	-5538.7
3956	10.0	111312.5	-5517.1	4046	10.3	112238.9	-5555.6	4136	10.5	113059.4	-5547.7
3957	10.0	111313.4	-5548.6	4047	9.4	112241.6	-5512.4	4137	10.0	113101.5	-5543.7
3958	8.4	111329.9	-5553.6	4048	10.3	112247.3	-5526.4	4138	9.6	113109.0	-5501.3
3959	10.3	111331.3	-5523.1	4049	9.7	112254.8	-5548.6	4139	9.6	113119.2	-5510.3
3960	10.3	111338.5	-5540.6	4050	10.5	112308.9	-5516.4	4140	9.5	113120.6	-5548.7
3961	10.5	111340.1	-5514.7	4051	10.3	112316.4	-5518.4	4141	8.0	113139.6	-5548.7
3962	10.0	111357.5	-5542.6	4052	8.5	112318.6	-5556.6	4142	10.5	113144.1	-5545.7
3963	9.7	111402.5	-5518.1	4053	9.7	112323.2	-5541.6	4143	10.5	113147.4	-5535.0
3964	10.5	111405.1	-5525.5	4054	9.7	112328.7	-5541.6	4144	9.2	113150.6	-5545.7
3965	9.6	111418.0	-5515.8	4055	9.4	112332.2	-5515.4	4145	10.5	113203.0	-5508.3
3966	10.8	111428.9	-5505.1	4056	9.8	112335.2	-5515.4	4146	10.3	113205.2	-5527.3
3967	10.0	111430.6	-5501.8	4057	10.0	112336.7	-5504.4	4147	9.9	113207.3	-5505.3
3968	9.0	111434.1	-5543.6	4058	10.5	112344.7	-5530.4	4148	10.3	113233.0	-5543.7
3969	9.7	111435.1	-5528.7	4059	9.1	112348.2	-5512.4	4149	10.3	113244.5	-5501.3
3970	10.3	111445.1	-5522.5	4060	10.3	112348.8	-5502.4	4150	10.0	113249.0	-5543.7
3971	9.7	111451.1	-5507.2	4061	9.6	112355.8	-5511.4	4151	10.3	113250.1	-5520.3
3972	10.5	111453.1	-5527.3	4062	9.9	112358.7	-5534.4	4152	10.0	113250.2	-5516.3
3973	10.5	111455.8	-5540.6	4063	9.7	112419.3	-5546.7	4153	10.3	113252.1	-5548.7
3974	10.8	111455.9	-5537.7	4064	10.0	112423.2	-5502.4	4154	10.3	113254.5	-5541.7
3975	11.0	111501.0	-5557.6	4065	10.5	112425.8	-5528.4	4155	10.3	113318.2	-5515.3
3976	10.0	111502.0	-5514.1	4066	10.5	112426.2	-5542.7	4156	10.0	113321.0	-5504.3
3977	10.0	111518.9	-5531.1	4067	10.5	112430.9	-5520.4	4157	10.3	113333.0	-5538.0
3978	10.0	111540.8	-5541.6	4068	9.8	112442.1	-5539.0	4158	9.9	113342.1	-5549.7
3979	10.3	111541.2	-5505.2	4069	10.4	112445.9	-5514.4	4159	9.4	113343.6	-5547.7
3980	10.0	111544.1	-5526.5	4070	9.6	112516.4	-5554.7	4160	10.0	113349.9	-5536.5
3981	10.3	111555.6	-5504.3	4071	10.3	112517.1	-5535.7	4161	9.4	113351.0	-5501.3
3982	10.0	111558.4	-5547.6	4072	10.5	112527.7	-5530.4	4162	10.0	113352.6	-5553.7
3983	10.3	111602.1	-5532.1	4073	10.5	112531.8	-5529.3	4163	10.3	113400.0	-5526.3
3984	11.0	111606.2	-5535.6	4074	10.5	112534.2	-5526.3	4164	10.3	113410.0	-5526.3
3985	10.5	111608.9	-5545.6	4075	9.5	112534.3	-5547.7	4165	10.3	113411.6	-5537.3
3986	9.8	111618.1	-5507.7	4076	9.7	112543.5	-5522.3	4166	10.3	113411.9	-5509.3
3987	10.0	111620.8	-5520.7	4077	10.3	112544.0	-5550.7	4167	10.3	113415.9	-5541.7
3988	10.5	111629.6	-5503.7	4078	10.8	112546.4	-5558.7	4168	9.6	113431.5	-5526.3
3989	10.3	111631.9	-5550.6	4079	10.3	112552.8	-5522.3	4169	7.7	113432.8	-5537.5
3990	7.8	111634.9	-5554.6	4080	10.3	112554.4	-5557.7	4170	10.3	113433.9	-5559.7
4171	10.3	113439.1	-5510.8								
4172	9.9	113439.9	-5539.7								
4173	9.6	113440.1	-5511.3								
4174	10.3	113500.0	-5522.3								
4175	10.0	113509.4	-5505.3								
4176	10.3	113510.4	-5518.3								
4177	10.3	113511.5	-5524.3								
4178	10.3	113527.9	-5530.3								
4179	9.6	113530.1	-5555.7								
4180	9.6	113546.5	-5546.7								
4181	9.9	113546.5	-5526.3								
4182	10.3	113556.9	-5507.8								
4183	10.3	113600.1	-5556.7								
4184	9.8	113601.0	-5522.3								
4185	10.3	113602.4	-5505.6								
4186	9.7	113602.4	-5534.0								
4187	9.2	113605.5	-5523.3								
4188	10.0	113615.0	-5521.3								
4189	10.3	113615.4	-5500.3								
4190	9.6	113622.4	-5532.3								
4191	10.3	113623.9	-5558.7								
4192	9.4	113631.5	-5526.3								
4193	9.8	113632.4	-5534.0								
4194	9.6	113636.3	-5538.5								
4195	9.9	113700.0	-5528.3								
4196	10.3	113704.2	-5509.3								
4197	9.5	113707.5	-5551.7								
4198	10.3	113710.5	-5525.3								
4199	8.3	113712.0	-5553.7								
4200	9.3	113712.4	-5506.3								
4201	9.7	113722.0	-5548.7								
4202	10.5	113722.7	-5516.3								
4203	10.3	113727.0	-5527.3								
4204	9.9	113736.0	-5528.3								
4205	10.0	113749.3	-5538.7								
4206	10.3	113756.8	-5538.7								
4207	10.3	113822.1	-5517.3								
4208	10.3	113824.4	-5530.3								
4209	10.3	113830.3	-5537.3								
4210	7.8	113841.0	-5507.3								
4211	9.1	113846.1	-5517.3								
4212	8.9	113846.9	-5553.7								
4213	9.7	113855.6	-5554.7								
4214	9.9	113858.6	-5518.3								
4215	10.5	113901.0	-5513.3								
4216	9.9	113901.0	-5552.7								
4217	10.3	113904.8	-5521.3								
4218	10.5	113905.2	-5539.2								
4219	9.8	113908.3	-5500.3								
4220	9.7	113913.1	-5501.3								
4221	9.7	113921.5	-5552.7								
4222	10.3	113921.9	-5507.3								
4223	10.3	113925.1	-5500.3								
4224	10.3	113930.0	-5550.7								
4225	8.8	113957.8	-5538.2								
4226	9.6	114001.6	-5516.2								
4227	10.3	114011.4	-5509.2								
4228	8.3	114016.9	-5540.7								
4229	10.3	114025.9	-5500.2								
4230	10.3	114035.0	-5552.7								
4231	10.3	114035.9	-5542.7								
4232	9.3	114052.4	-5543.7								
4233	10.0	114058.1	-5518.2								
4234	9.8	114115.0	-5521.2								
4235	9.8	114123.1	-5519.2								
4236	10.3	114143.4	-5505.2								
4237	9.5	114144.8	-5536.0								
4238	9.5	114145.5	-5551.7								
4239	9.6	114149.1	-5537.5								
4240	9.8	114159.9	-5541.8								
4241	10.3	114201.3	-5538.2								
4242	10.3	114204.9	-5520.2								
4243	9.4	114211.5	-5545.8								
4244	9.7	114215.5	-5553.8								
4245	10.3	114218.1	-5510.2								
4246	8.7	114219.4	-5531.2								
4247	7.6	114220.9	-5516.2								
4248	9.7	114221.9	-5534.2								
4249	10.0	114240.0	-5526.2								
4250	10.0	114240.1	-5555.8								
4251	10.3	114240.9	-5533.2								
4252	10.0	114241.8	-5527.2								
4253	10.0	114243.7	-5556.8								
4254	10.3	114257.1	-5514.2								
4255	10.0	114257.1	-5558.8								
4256	10.0	114307.0	-5548.8								
4257	9.8	114312.9	-5534.2								
4258	9.7	114314.0	-5521.2								
4259	10.3	114326.4	-5531.2								
4260	10.3	114333.4	-5505.2								

-55 4261 11h43m

-55 4620 12h20m

4261	10.0	114339.4	-5508.2	4351	10.0	115419.0	-5547.8	4441	11.0	120244.6	-5521.8	4531	10.5	121035.0	-5521.7
4262	10.3	114349.4	-5509.2	4352	8.5	115419.3	-5508.8	4442	10.3	120251.4	-5541.9	4532	10.5	121036.9	-5518.6
4263	8.2	114349.4	-5534.5	4353	11.5	115426.2	-5508.8	4443	10.3	120309.8	-5505.6	4533	10.3	121041.6	-5537.0
4264	10.3	114401.6	-5541.2	4354	9.5	115434.1	-5523.8	4444	10.5	120320.2	-5509.8	4534	10.3	121053.9	-5559.2
4265	9.8	114420.4	-5543.8	4355	10.0	115443.8	-5558.8	4445	10.5	120322.0	-5505.6	4535	10.3	121056.3	-5505.7
4266	9.0	114441.4	-5511.7	4356	9.7	115444.2	-5505.8	4446	10.5	120329.2	-5510.8	4536	9.7	121103.1	-5556.2
4267	9.9	114500.0	-5524.2	4357	9.3	115452.3	-5546.8	4447	10.5	120330.6	-5538.9	4537	8.0	121114.5	-5516.7
4268	9.8	114503.4	-5506.2	4358	11.0	115454.2	-5538.8	4448	10.5	120339.8	-5509.8	4538	9.2	121115.2	-5545.2
4269	10.3	114505.5	-5521.2	4359	9.3	115457.8	-5553.8	4449	9.8	120340.5	-5538.4	4539	9.8	121126.5	-5545.8
4270	10.3	114511.9	-5535.2	4360	9.9	115458.5	-5527.8	4450	10.5	120344.2	-5518.8	4540	9.8	121129.2	-5507.9
4271	9.8	114514.3	-5538.2	4361	10.5	115504.2	-5504.8	4451	9.3	120345.6	-5530.8	4541	9.8	121130.6	-5544.2
4272	9.8	114532.6	-5517.2	4362	10.8	115505.5	-5526.8	4452	10.8	120349.2	-5537.8	4542	11.5	121132.0	-5530.5
4273	9.9	114535.3	-5534.7	4363	11.0	115510.7	-5514.8	4453	10.5	120408.9	-5501.8	4543	10.5	121137.0	-5503.9
4274	10.3	114545.6	-5510.9	4364	11.0	115512.7	-5519.8	4454	11.5	120410.0	-5516.6	4544	9.2	121208.3	-5504.7
4275	10.5	114553.5	-5553.8	4365	10.3	115516.5	-5538.3	4455	7.0	120410.8	-5544.2	4545	11.0	121219.4	-5536.7
4276	10.3	114556.5	-5513.9	4366	10.0	115519.2	-5541.8	4456	10.3	120411.5	-5533.8	4546	9.0	121222.7	-5538.4
4277	10.3	114557.7	-5514.9	4367	9.8	115521.4	-5556.8	4457	11.0	120412.2	-5515.8	4547	10.3	121230.0	-5514.7
4278	10.5	114614.3	-5538.8	4368	9.7	115531.6	-5558.8	4458	9.7	120416.1	-5502.8	4548	9.7	121235.0	-5526.7
4279	9.8	114628.6	-5522.9	4369	11.0	115537.0	-5530.8	4459	9.9	120416.2	-5532.8	4549	9.2	121251.2	-5517.7
4280	10.5	114636.9	-5547.8	4370	9.6	115555.7	-5543.8	4460	9.0	120417.0	-5545.2	4550	10.5	121314.3	-5541.2
4281	10.3	114658.2	-5528.9	4371	10.3	115556.1	-5557.5	4461	7.5	120422.5	-5543.2	4551	9.9	121318.4	-5533.4
4282	10.3	114702.2	-5507.9	4372	11.0	115559.3	-5511.8	4462	10.0	120429.7	-5510.8	4552	10.8	121322.0	-5508.7
4283	10.5	114704.9	-5552.8	4373	11.0	115559.3	-5530.8	4463	9.7	120432.4	-5534.8	4553	10.5	121324.7	-5551.2
4284	10.3	114711.5	-5522.9	4374	10.5	115604.5	-5524.8	4464	7.6	120433.5	-5541.9	4554	10.3	121326.6	-5535.7
4285	9.4	114728.2	-5512.9	4375	10.3	115606.8	-5521.8	4465	10.5	120503.0	-5516.0	4555	10.0	121331.8	-5533.7
4286	10.0	114728.6	-5526.9	4376	7.8	115608.0	-5551.8	4466	10.8	120510.4	-5522.0	4556	10.3	121337.3	-5524.9
4287	10.3	114729.6	-5523.9	4377	10.8	115619.5	-5510.8	4467	10.5	120515.3	-5504.8	4557	10.5	121345.6	-5506.7
4288	10.5	114733.7	-5543.8	4378	10.8	115621.1	-5507.8	4468	10.5	120521.3	-5525.8	4558	10.3	121346.7	-5509.5
4289	9.4	114742.7	-5526.9	4379	10.8	115625.5	-5538.8	4469	10.3	120521.8	-5502.8	4559	10.0	121348.8	-5503.7
4290	10.0	114744.0	-5554.8	4380	10.8	115638.0	-5510.8	4470	11.0	120523.7	-5534.8	4560	11.5	121353.5	-5516.7
4291	10.0	114751.4	-5548.8	4381	11.3	115641.0	-5527.8	4471	9.6	120525.0	-5534.6	4561	10.3	121354.2	-5504.9
4292	10.3	114805.0	-5537.4	4382	9.8	115646.2	-5500.8	4472	10.5	120527.3	-5536.2	4562	9.9	121354.9	-5538.2
4293	10.5	114818.3	-5542.8	4383	8.7	115656.4	-5506.8	4473	10.8	120528.2	-5515.8	4563	10.0	121356.2	-5549.2
4294	10.0	114829.7	-5537.9	4384	10.3	115705.2	-5533.8	4474	9.0	120549.4	-5542.2	4564	10.5	121405.8	-5517.7
4295	10.3	114829.8	-5543.8	4385	9.3	115714.2	-5534.8	4475	9.6	120552.3	-5503.8	4565	10.5	121409.3	-5506.7
4296	10.5	114835.4	-5548.8	4386	9.8	115715.1	-5527.8	4476	10.0	120600.5	-5519.0	4566	8.5	121410.6	-5521.5
4297	9.8	114843.2	-5533.9	4387	10.8	115731.5	-5508.8	4477	10.8	120613.5	-5502.8	4567	9.4	121411.8	-5525.9
4298	7.4	114843.8	-5523.9	4388	10.3	115750.2	-5507.8	4478	10.8	120617.4	-5515.5	4568	10.8	121425.0	-5542.2
4299	10.3	114850.3	-5505.4	4389	10.5	115754.2	-5545.8	4479	10.8	120617.9	-5508.8	4569	9.6	121434.5	-5559.2
4300	10.5	114854.4	-5549.8	4390	10.0	115809.2	-5525.8	4480	10.5	120620.4	-5552.2	4570	10.8	121440.6	-5539.4
4301	9.6	114900.3	-5541.8	4391	10.3	115809.4	-5515.8	4481	10.8	120626.9	-5516.8	4571	9.5	121451.1	-5538.4
4302	9.8	114912.2	-5504.8	4392	9.5	115813.0	-5554.8	4482	8.5	120630.0	-5518.8	4572	10.8	121452.3	-5524.5
4303	9.0	114914.3	-5517.8	4393	10.3	115820.1	-5558.8	4483	10.3	120630.5	-5541.2	4573	11.5	121458.0	-5532.9
4304	10.0	114916.2	-5501.8	4394	10.5	115825.3	-5556.8	4484	10.3	120630.6	-5556.2	4574	9.8	121502.8	-5539.0
4305	9.8	114926.4	-5506.8	4395	10.5	115830.9	-5532.8	4485	10.5	120637.5	-5548.2	4575	9.7	121506.4	-5536.2
4306	9.5	114939.0	-5552.8	4396	9.9	115837.8	-5527.8	4486	8.2	120639.8	-5521.8	4576	6.4	121513.8	-5541.2
4307	9.6	114939.6	-5538.8	4397	9.9	115838.5	-5519.8	4487	10.5	120646.4	-5508.8	4577	10.5	121517.5	-5522.4
4308	9.5	114948.2	-5540.8	4398	11.0	115840.4	-5529.8	4488	11.0	120647.0	-5518.0	4578	8.9	121518.5	-5523.9
4309	9.6	114951.1	-5539.8	4399	10.3	115844.0	-5550.8	4489	11.0	120706.8	-5533.8	4579	9.3	121529.6	-5521.7
4310	9.4	114951.4	-5543.8	4400	10.5	115845.2	-5548.8	4490	10.8	120729.7	-5525.8	4580	11.0	121557.2	-5555.2
4311	10.0	115004.1	-5518.8	4401	10.0	115850.2	-5545.8	4491	10.5	120732.3	-5536.2	4581	10.8	121559.5	-5544.2
4312	10.0	115006.9	-5506.8	4402	9.2	115858.5	-5521.8	4492	10.8	120732.4	-5554.2	4582	10.8	121600.8	-5535.5
4313	10.3	115016.6	-5540.8	4403	11.0	115859.8	-5519.8	4493	9.7	120737.2	-5527.8	4583	9.7	121629.8	-5508.5
4314	10.0	115023.4	-5533.8	4404	9.9	115903.8	-5506.8	4494	9.8	120744.4	-5520.8	4584	11.0	121640.6	-5506.7
4315	10.3	115038.8	-5556.8	4405	10.8	115920.7	-5536.8	4495	9.2	120745.2	-5506.8	4585	11.0	121645.8	-5513.7
4316	10.0	115040.9	-5531.8	4406	10.5	115925.7	-5524.8	4496	11.0	120756.7	-5508.8	4586	10.0	121651.8	-5541.2
4317	8.6	115045.4	-5513.8	4407	10.5	115926.5	-5548.9	4497	10.5	120757.2	-5542.2	4587	10.3	121652.1	-5559.2
4318	10.0	115102.8	-5522.8	4408	8.3	115944.7	-5527.8	4498	8.5	120814.9	-5505.8	4588	10.8	121655.2	-5534.4
4319	9.3	115105.1	-5541.8	4409	10.8	115944.8	-5502.8	4499	9.6	120816.2	-5505.1	4589	10.8	121658.3	-5532.7
4320	10.0	115110.8	-5509.8	4410	9.9	115949.2	-5529.8	4500	11.0	120818.4	-5503.8	4590	10.8	121707.9	-5514.7
4321	10.0	115121.5	-5525.8	4411	10.0	120005.5	-5528.8	4501	10.0	120822.2	-5522.8	4591	10.5	121708.8	-5539.2
4322	8.7	115139.8	-5548.8	4412	10.5	120007.4	-5503.6	4502	10.0	120823.4	-5553.2	4592	11.0	121715.2	-5503.7
4323	8.8	115147.7	-5500.8	4413	10.3	120008.9	-5556.9	4503	7.7	120824.0	-5524.8	4593	10.5	121722.6	-5556.2
4324	5.7	115157.0	-5537.3	4414	10.8	120012.0	-5527.0	4504	9.5	120828.4	-5554.2	4594	10.8	121726.8	-5502.7
4325	10.5	115205.2	-5515.8	4415	9.7	120019.6	-5548.9	4505	10.0	120842.0	-5511.8	4595	9.8	121728.6	-5539.0
4326	11.3	115212.5	-5506.8	4416	11.0	120030.5	-5509.0	4506	11.0	120843.7	-5526.5	4596	9.8	121730.3	-5530.9
4327	11.0	115215.0	-5534.8	4417	8.8	120035.2	-5548.9	4507	10.0	120851.8	-5518.8	4597	11.0	121732.0	-5522.7
4328	10.0	115217.9	-5558.8	4418	9.8	120037.5	-5550.9	4508	9.0	120900.9	-5551.2	4598	9.8	121732.2	-5553.2
4329	10.3	115218.3	-5557.8	4419	9.5	120039.5	-5522.8	4509	9.9	120901.5	-5541.2	4599	9.2	121738.2	-5511.4
4330	10.8	115221.5	-5505.8	4420	11.0	120042.4	-5523.8	4510	10.0	120903.8	-5521.3	4600	9.5	121742.8	-5553.2
4331	11.5	115226.1	-5501.8	4421	9.6	120052.0	-5503.8	4511	10.5	120904.4	-5524.7	4601	9.1	121746.8	-5516.9
4332	8.8	115227.2	-5530.8	4422	11.0	120100.7	-5523.5	4512	11.0	120913.2	-5520.7	4602	9.3	121753.6	-5533.4
4333	11.3	115235.2	-5523.8	4423	9.2	120102.1	-5555.9	4513	8.3	120919.8	-5500.7	4603	9.7	121805.5	-5542.1
4334	9.7	115241.5	-5523.8	4424	9.8	120107.1	-5555.9	4514	10.5	120922.9	-5522.7	4604	10.3	121806.9	-5510.7
4335	10.3	115244.2	-5540.8	4425	10.5	120109.7	-5501.8	4515	10.3	120923.4	-5502.7	4605	9.6	121808.0	-5557.2
4336	9.8	115253.0	-5515.8	4426	10.5	120115.2	-5547.9	4516	10.3	120927.2	-5502.4	4606	10.5	121808.8	-5509.7
4337	10.8	115311.7	-5517.8	4427	10.3	120129.6	-5518.8	4517	10.3	120941.8	-5528.9	4607	10.5	121817.6	-5558.2
4338	9.2	115312.8	-5558.8	4428	9.6	120130.8	-5537.8	4518	10.8	120954.0	-5515.8	4608	10.0	121818.3	-5531.9
4339	11.0	115318.1	-5512.8	4429	9.9	120130.8	-5522.6	4519	9.3	120956.3	-5542.2	4609	10.5	121844.9	-5533.7
4340	8.7	115333.0	-5546.8	4430	10.0	120132.2	-5501.8	4520	10.3	121000.6	-5528.7	4610	10.0	121917.2	-5519.7
4341	8.0	115336.8	-5535.8	4431	10.3	120132.9	-5506.8	4521	10.3	121008.0	-5510.7	4611	10.5	121919.4	-5556.2
4342	10.0	115349.2	-5534.8	4432	9.5	120134.2	-5522.6	4522	10.5	121008.8	-5505.9	4612	9.0	121921.3	-5516.7
4343	9.8	115351.5	-5532.8	4433	11.0	120142.2	-5513.8	4523	10.5	121021.0	-5512.9	4613	9.6	121922.1	-5532.7
4344	10.3	115355.5	-5505.8	4434	8.4	120158.6	-5535.8	4524	9.2	121021.3	-5541.2	4614	9.7	121928.3	-5514.9
4345	10.5	115359.5	-5548.8	4435	10.3	120201.4	-5538.2	4525	10.3	121021.8	-5506.5	4615	9.8	121932.2	-5512.7
4346	9.8	115404.5	-5544.8	4436	10.5	120221.0	-5549.9	4526	10.0	121022.5	-5553.8	4616	9.8	121933.0	-5510.7
4347	10.5	115409.7	-5515.8	4437	9.4	120224.5	-5501.8	4527	10.3	121023.3	-5500.9	4617	9.6	121940.8	-5542.2
4348	9.5	115411.2	-5536.3	4438	9.6	120236.7	-5506.8	4528	10.3	121024.4	-5504.6	4618	11.0	122019.7	-5502.7
4349	8.2	115411.9	-5541.8	4439	9.6	120237.5	-5527.8	4529	10.5	121030.0	-5513.7	4619	10.0	122025.0	-5512.1
4350	9.3	115415.4	-5523.8	4440	9.5	120241.4	-5514.8	4530	10.5	121033.2	-5553.2	4620	11.0	122025.5	-5500.1

4621	7.2	122027.6	-5502.8	4711	10.8	123118.4	-5549.3	4801	11.0	124138.3	-5502.1
4622	9.2	122028.7	-5551.2	4712	9.7	123137.8	-5554.3	4802	10.5	124140.7	-5525.3
4623	10.5	122032.7	-5513.1	4713	9.8	123138.0	-5529.0	4803	10.5	124156.5	-5507.1
4624	10.5	122037.5	-5518.1	4714	10.8	123142.0	-5511.1	4804	11.0	124159.5	-5521.1
4625	9.0	122042.3	-5508.1	4715	11.0	123143.8	-5559.3	4805	9.1	124211.1	-5518.0
4626	10.3	122042.8	-5506.1	4716	9.4	123222.1	-5544.3	4806	9.6	124213.1	-5521.8
4627	9.3	122046.1	-5537.1	4717	9.8	123222.1	-5542.3	4807	9.7	124238.5	-5534.1
4628	10.3	122046.9	-5514.1	4718	11.0	123222.5	-5553.3	4808	10.0	124243.1	-5533.8
4629	9.6	122049.8	-5544.2	4719	10.8	123231.4	-5526.1	4809	10.8	124251.5	-5506.4
4630	10.8	122052.3	-5502.2	4720	9.7	123241.8	-5534.2	4810	11.5	124253.8	-5503.1
4631	11.0	122102.6	-5523.8	4721	11.0	123313.8	-5522.1	4811	11.0	124256.0	-5511.1
4632	11.0	122105.0	-5521.1	4722	9.6	123314.2	-5553.8	4812	10.3	124316.0	-5524.1
4633	9.0	122112.6	-5548.2	4723	11.0	123321.7	-5517.0	4813	10.8	124317.4	-5525.1
4634	11.0	122115.0	-5518.1	4724	11.0	123331.7	-5535.0	4814	10.5	124336.4	-5554.3
4635	11.0	122131.2	-5521.0	4725	10.8	123334.8	-5524.0	4815	10.3	124348.4	-5534.0
4636	10.8	122134.8	-5508.1	4726	10.5	123339.0	-5514.4	4816	10.5	124354.0	-5505.0
4637	8.1	122142.9	-5546.2	4727	9.3	123341.0	-5541.3	4817	10.0	124354.9	-5520.1
4638	8.8	122144.1	-5536.6	4728	10.8	123343.2	-5537.0	4818	10.3	124356.6	-5519.0
4639	6.2	122146.2	-5542.2	4729	10.5	123346.0	-5513.1	4819	11.0	124416.4	-5515.1
4640	10.5	122153.8	-5515.2	4730	9.7	123346.5	-5510.1	4820	9.4	124430.9	-5504.9
4641	8.8	122159.9	-5546.2	4731	10.8	123349.2	-5532.1	4821	11.0	124432.5	-5518.1
4642	9.6	122205.7	-5548.2	4732	10.8	123350.5	-5530.2	4822	9.7	124439.4	-5538.2
4643	10.3	122210.0	-5525.1	4733	9.4	123413.0	-5501.1	4823	9.8	124459.9	-5506.1
4644	9.4	122210.3	-5519.2	4734	9.6	123414.8	-5517.2	4824	9.8	124501.9	-5500.5
4645	10.0	122240.7	-5546.2	4735	7.9	123424.4	-5537.2	4825	8.4	124505.9	-5553.3
4646	10.5	122246.8	-5510.1	4736	9.2	123431.2	-5556.3	4826	9.3	124506.0	-5508.2
4647	5.9	122301.6	-5549.2	4737	9.8	123433.4	-5512.1	4827	10.8	124533.8	-5534.1
4648	9.6	122313.4	-5522.9	4738	9.4	123434.2	-5559.3	4828	8.9	124541.1	-5559.3
4649	10.0	122313.7	-5505.1	4739	10.0	123438.9	-5551.3	4829	7.5	124600.0	-5531.0
4650	9.8	122323.3	-5514.0	4740	10.0	123440.5	-5527.3	4830	11.0	124608.8	-5539.2
4651	9.7	122330.2	-5518.1	4741	9.0	123443.0	-5513.6	4831	11.0	124616.0	-5520.1
4652	11.0	122337.9	-5500.3	4742	11.0	123451.3	-5516.1	4832	11.0	124625.3	-5515.1
4653	9.8	122408.7	-5549.3	4743	9.4	123453.4	-5551.3	4833	8.6	124634.1	-5526.1
4654	9.2	122409.3	-5522.3	4744	8.3	123502.2	-5544.3	4834	10.3	124635.0	-5558.3
4655	8.8	122410.8	-5534.6	4745	8.8	123518.8	-5527.4	4835	10.8	124642.1	-5511.1
4656	10.8	122411.8	-5541.2	4746	10.8	123520.4	-5539.1	4836	9.4	124654.0	-5517.0
4657	11.0	122418.6	-5514.1	4747	11.0	123531.0	-5513.0	4837	10.8	124654.0	-5519.1
4658	9.7	122425.5	-5530.1	4748	10.3	123537.5	-5544.3	4838	10.5	124655.2	-5520.1
4659	10.3	122439.0	-5504.1	4749	6.2	123544.8	-5515.4	4839	10.8	124703.5	-5522.1
4660	9.7	122444.3	-5505.0	4750	10.0	123558.7	-5540.7	4840	11.0	124724.2	-5553.2
4661	9.9	122450.0	-5516.1	4751	10.3	123602.6	-5526.1	4841	8.7	124741.5	-5549.8
4662	8.8	122455.0	-5526.0	4752	6.3	123603.5	-5529.2	4842	9.5	124742.4	-5511.1
4663	9.3	122506.2	-5549.2	4753	9.6	123607.5	-5559.3	4843	10.5	124747.0	-5507.1
4664	7.6	122507.6	-5536.2	4754	10.3	123622.9	-5508.1	4844	9.7	124754.7	-5515.1
4665	10.5	122509.8	-5524.1	4755	9.4	123637.4	-5536.2	4845	11.3	124756.0	-5559.8
4666	9.5	122513.0	-5547.4	4756	10.8	123656.3	-5501.1	4846	10.8	124758.9	-5535.1
4667	7.1	122514.4	-5526.2	4757	8.3	123705.5	-5533.1	4847	10.5	124758.9	-5507.1
4668	11.0	122519.8	-5501.0	4758	10.8	123707.9	-5547.3	4848	10.8	124808.7	-5503.5
4669	8.2	122523.3	-5547.3	4759	8.1	123708.6	-5512.2	4849	9.8	124810.0	-5559.4
4670	10.8	122524.0	-5501.1	4760	8.9	123710.4	-5512.2	4850	10.8	124811.9	-5505..
4671	10.8	122524.8	-5507.0	4761	9.6	123736.0	-5533.1	4851	11.0	124826.8	-5518..
4672	11.0	122525.8	-5505.2	4762	10.5	123739.9	-5510.0	4852	11.5	124838.4	-5537.6
4673	10.5	122539.0	-5514.2	4763	9.5	123750.6	-5529.1	4853	10.3	124846.7	-5551.8
4674	11.0	122540.3	-5532.1	4764	10.5	123755.7	-5554.3	4854	11.5	124902.1	-5556.5
4675	7.6	122549.0	-5536.7	4765	10.5	123758.5	-5516.1	4855	8.9	124903.8	-5500.2
4676	9.9	122550.8	-5542.3	4766	8.6	123802.0	-5538.4	4856	10.8	124906.6	-5517.1
4677	10.5	122627.2	-5503.1	4767	9.3	123804.6	-5502.3	4857	10.5	124911.8	-5505.1
4678	11.0	122634.2	-5500.1	4768	10.0	123821.5	-5544.3	4858	9.9	124914.0	-5523.0
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4681	7.6	122701.7	-5552.3	4771	9.2	123836.8	-5517.1	4861	10.0	124931.0	-5559.8
4682	10.8	122702.9	-5506.1	4772	10.5	123840.7	-5523.1	4862	10.5	124932.2	-5506.2
4683	8.1	122704.5	-5526.2	4773	9.0	123855.9	-5547.3	4863	10.3	124940.5	-5521.1
4684	10.5	122706.0	-5517.1	4774	10.0	123857.8	-5534.1	4864	10.5	124943.7	-5558.7
4685	10.8	122706.5	-5504.1	4775	10.5	123904.8	-5523.1	4865	10.8	124944.5	-5520.1
4686	9.6	122711.6	-5556.3	4776	11.0	123911.0	-5531.1	4866	10.3	124947.9	-5544.8
4687	11.3	122722.5	-5514.1	4777	5.5	123913.2	-5547.3	4867	10.5	124959.6	-5510.1
4688	10.3	122803.4	-5505.1	4778	8.6	123914.6	-5548.3	4868	7.7	125001.6	-5537.9
4689	10.5	122803.5	-5544.3	4779	10.0	123921.8	-5556.3	4869	9.9	125008.6	-5539.6
4690	10.8	122804.9	-5521.1	4780	9.8	123938.4	-5522.0	4870	10.3	125010.2	-5539.0
4691	10.3	122807.6	-5539.8	4781	9.6	123939.3	-5558.3	4871	10.3	125019.5	-5536.1
4692	8.6	122817.8	-5512.2	4782	9.8	123941.1	-5534.9	4872	10.0	125035.5	-5521.0
4693	10.0	122830.8	-5542.3	4783	10.0	123941.5	-5521.1	4873	10.0	125036.0	-5524.1
4694	10.3	122842.3	-5529.2	4784	10.3	123944.7	-5542.3	4874	9.3	125050.5	-5528.1
4695	11.0	122843.7	-5506.1	4785	10.5	123953.7	-5534.1	4875	9.5	125055.6	-5556.8
4696	10.3	122859.2	-5519.2	4786	9.4	123954.0	-5505.4	4876	9.4	125100.0	-5552.8
4697	10.8	122901.6	-5518.1	4787	9.4	123955.3	-5555.3	4877	10.5	125102.5	-5545.8
4698	10.0	122909.4	-5502.2	4788	11.0	124009.6	-5524.0	4878	10.8	125107.2	-5541.4
4699	10.5	122927.0	-5525.1	4789	9.2	124020.0	-5516.9	4879	11.0	125108.9	-5525.1
4700	10.3	122940.4	-5541.6	4790	9.3	124032.0	-5500.2	4880	11.0	125111.1	-5555.5
4701	9.8	122944.0	-5540.6	4791	11.0	124032.7	-5522.4	4881	10.5	125123.4	-5516.8
4702	9.5	122956.2	-5548.3	4792	9.1	124038.5	-5516.4	4882	11.0	125137.2	-5510.0
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4704	10.5	123029.7	-5554.3	4794	10.3	124051.2	-5507.0	4884	9.5	125151.1	-5513.8
4705	8.4	123034.6	-5537.2	4795	9.0	124056.0	-5531.1	4885	10.8	125152.7	-5505.1
4706	10.5	123049.7	-5549.3	4796	9.0	124104.2	-5510.1	4886	11.0	125152.7	-5559.8
4707	10.0	123052.2	-5505.4	4797	11.0	124126.1	-5524.0	4887	9.6	125200.1	-5542.8
4708	10.8	123105.2	-5556.3	4798	10.3	124132.4	-5549.3	4888	8.6	125208.0	-5531.0
4709	10.5	123106.8	-5526.1	4799	9.7	124135.4	-5553.3	4889	11.0	125219.6	-5543.8
4710	7.0	123107.4	-5514.7	4800	10.5	124136.0	-5505.1	4890	8.5	125225.6	-5514.0
4891	9.5	125227.2	-5514.2								
4892	10.3	125227.8	-5530.1								
4893	11.0	125237.8	-5558.8								
4894	10.0	125241.6	-5536.9								
4895	10.5	125243.8	-5516.1								
4896	10.5	125258.9	-5535.1								
4897	11.0	125310.8	-5524.1								
4898	10.3	125313.4	-5548.7								
4899	10.3	125316.9	-5558.7								
4900	10.0	125319.5	-5523.0								
4901	11.5	125320.2	-5545.7								
4902	9.9	125325.4	-5524.2								
4903	10.3	125329.3	-5550.7								
4904	10.8	125332.6	-5540.9								
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4906	10.8	125349.3	-5505.8								
4907	10.5	125354.0	-5509.0								
4908	10.5	125403.5	-5527.1								
4909	10.0	125409.5	-5525.1								
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4911	10.3	125410.7	-5523.0								
4912	11.5	125427.8	-5554.7								
4913	10.3	125449.6	-5515.1								
4914	10.3	125450.3	-5506.1								
4915	10.3	125450.6	-5533.7								
4916	7.8	125452.4	-5555.7								
4917	10.3	125452.8	-5536.9								
4918	10.3	125455.8	-5535.0								
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4923	8.4	125521.0	-5500.1								
4924	10.3	125521.6	-5537.0								
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4926	10.0	125533.3	-5500.3								
4927	11.0	125542.3	-5501.1								
4928	11.0	125542.9	-5528.1								
4929	8.1	125544.4	-5526.2								
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4931	10.5	125547.0	-5517.1								
4932	10.0	125551.5	-5525.1								
4933	10.3	125552.6	-5525.2								
4934	10.0	125600.0	-5507.0								
4935	7.5	125608.3	-5557.7								
4936	10.3	125608.8	-5509.1								
4937	9.5	125611.0	-5554.7								
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4939	9.6	125625.4	-5550.7								
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4941	9.9	125655.7	-5542.9								
4942	10.8	125706.9	-5503.1								
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4949	10.8	125806.2	-5518.0								
4950	10.3	125815.9	-5553.7								
4951	10.5	125826.0	-5514.2								
4952	9.8	125838.8	-5529.4								
4953	10.0	125842.5	-5516.2								
4954	11.0	125843.3	-5537.4								
4955	10.8	125855.1	-5501.4								
4956	10.5	125858.1	-5508.2								
4957	9.9	125859.8	-5529.2								
4958	10.3	125903.1	-5506.2								
4959	10.0	125910.9	-5510.4								
4960	9.7	125916.5	-5513.4								
4961	10.5	125916.6	-5518.2								
4962	9.8	125924.0	-5515.2								
4963	8.8	125930.0	-5557.7								
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4966	9.9	125950.4	-5507.4								
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4969	9.5	125956.5	-5529.6								
4970	10.5	130007.6	-5544.7								
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4972	9.6	130014.8	-5515.4								
4973	7.2	130028.6	-5543.0								
4974	9.6	130037.4	-5546.7								
4975	8.9	130043.6	-5551.7								
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4978	10.8	130121.7	-5534.4								
4979	10.8	130123.6	-5518.4								
4980	9.5	130125.7	-5540.7								

4981	10.8	130131.9	-5512.4	5071	9.7	131026.2	-5533.4	5161	7.3	132031.4	-5507.5	5251	10.5	132923.8	-5545.3
4982	9.4	130141.0	-5542.7	5072	10.3	131033.6	-5541.2	5162	10.0	132042.2	-5549.1	5252	10.5	132924.7	-5518.5
4983	9.3	130150.7	-5545.7	5073	10.3	131043.6	-5540.2	5163	9.6	132048.2	-5547.1	5253	10.5	132932.9	-5540.8
4984	10.5	130157.8	-5517.4	5074	9.9	131056.0	-5546.9	5164	10.0	132055.0	-5557.1	5254	8.8	132933.3	-5550.3
4985	10.8	130203.8	-5515.8	5075	9.2	131100.0	-5555.9	5165	10.0	132058.8	-5550.1	5255	10.5	132935.7	-5542.5
4986	9.5	130208.6	-5525.8	5076	10.8	131107.0	-5519.4	5166	10.0	132102.8	-5516.5	5256	10.5	132939.4	-5558.3
4987	10.8	130219.8	-5530.4	5077	10.5	131119.9	-5533.4	5167	10.8	132108.4	-5515.5	5257	11.0	132939.9	-5529.5
4988	10.3	130221.7	-5534.2	5078	8.4	131128.6	-5537.2	5168	10.0	132131.5	-5502.5	5258	8.5	132946.1	-5520.5
4989	9.7	130225.6	-5524.0	5079	7.8	131138.9	-5501.4	5169	9.7	132142.2	-5550.2	5259	8.8	132952.5	-5559.4
4990	10.5	130227.4	-5508.4	5080	8.3	131142.5	-5518.8	5170	10.3	132145.3	-5553.2	5260	10.3	132954.3	-5511.8
4991	9.5	130234.0	-5533.4	5081	10.5	131142.6	-5531.4	5171	10.5	132153.2	-5505.5	5261	10.8	133002.4	-5533.5
4992	9.7	130234.8	-5514.2	5082	10.8	131149.1	-5520.4	5172	10.3	132154.4	-5537.8	5262	10.3	133003.4	-5533.0
4993	9.8	130239.8	-5522.2	5083	10.8	131205.3	-5557.0	5173	10.3	132155.1	-5522.5	5263	8.2	133006.4	-5535.4
4994	10.3	130242.8	-5547.7	5084	10.0	131205.8	-5527.4	5174	10.3	132157.1	-5527.8	5264	10.8	133009.9	-5515.5
4995	11.0	130251.5	-5535.4	5085	10.8	131209.1	-5504.4	5175	10.5	132203.1	-5521.5	5265	10.5	133011.9	-5528.7
4996	10.0	130256.6	-5536.2	5086	10.3	131214.4	-5502.4	5176	10.8	132203.1	-5519.5	5266	10.0	133020.6	-5553.4
4997	10.5	130258.2	-5507.4	5087	10.0	131223.8	-5537.0	5177	9.5	132220.6	-5545.2	5267	10.0	133028.7	-5505.5
4998	11.0	130301.0	-5541.4	5088	10.3	131230.1	-5528.4	5178	10.3	132221.9	-5549.2	5268	9.7	133054.8	-5520.8
4999	10.8	130304.8	-5546.7	5089	8.7	131230.4	-5506.4	5179	10.3	132224.1	-5524.6	5269	10.5	133058.2	-5504.8
5000	10.8	130307.4	-5514.4	5090	10.0	131237.1	-5522.2	5180	8.2	132231.7	-5533.5	5270	9.7	133104.3	-5518.3
5001	10.0	130317.3	-5505.2	5091	10.5	131237.2	-5537.2	5181	10.5	132232.2	-5505.5	5271	8.6	133121.2	-5539.5
5002	9.3	130323.2	-5537.2	5092	10.5	131238.3	-5526.4	5182	10.3	132241.2	-5546.2	5272	10.0	133123.9	-5513.0
5003	9.9	130338.0	-5551.8	5093	10.3	131243.0	-5518.8	5183	10.8	132242.4	-5526.3	5273	10.3	133124.2	-5510.8
5004	9.4	130344.3	-5556.8	5094	6.2	131304.7	-5508.4	5184	10.3	132245.3	-5520.7	5274	11.0	133133.5	-5510.5
5005	10.3	130406.0	-5554.8	5095	10.8	131314.6	-5518.4	5185	9.5	132253.6	-5522.5	5275	10.5	133137.7	-5505.5
5006	10.5	130408.2	-5549.8	5096	10.3	131316.5	-5538.2	5186	10.5	132253.6	-5532.5	5276	10.8	133144.8	-5516.6
5007	10.3	130411.9	-5517.6	5097	9.6	131317.5	-5557.0	5187	8.8	132306.5	-5500.5	5277	10.5	133152.0	-5537.5
5008	10.3	130414.6	-5518.4	5098	10.5	131326.4	-5506.4	5188	9.9	132313.5	-5514.5	5278	10.5	133153.7	-5534.5
5009	10.5	130415.4	-5514.4	5099	10.5	131330.1	-5557.0	5189	10.5	132317.1	-5557.2	5279	10.8	133159.6	-5553.4
5010	10.5	130421.9	-5509.8	5100	10.5	131330.7	-5510.4	5190	9.8	132318.6	-5542.2	5280	9.9	133200.0	-5551.4
5011	9.8	130431.4	-5536.0	5101	11.0	131337.9	-5527.4	5191	9.9	132320.2	-5508.5	5281	9.5	133211.2	-5553.4
5012	8.4	130432.0	-5515.6	5102	11.0	131342.4	-5533.4	5192	9.5	132324.6	-5512.5	5282	9.7	133222.1	-5544.4
5013	9.5	130439.8	-5522.0	5103	10.5	131344.7	-5508.8	5193	10.5	132328.0	-5533.5	5283	10.3	133240.1	-5522.5
5014	9.5	130442.8	-5548.8	5104	10.5	131346.8	-5539.2	5194	10.3	132331.4	-5536.3	5284	11.0	133242.3	-5532.5
5015	10.5	130448.2	-5501.4	5105	9.7	131359.7	-5558.0	5195	10.0	132332.2	-5547.2	5285	11.0	133247.4	-5541.5
5016	10.5	130451.0	-5519.6	5106	10.8	131404.9	-5552.0	5196	10.3	132337.2	-5558.2	5286	9.7	133247.9	-5501.8
5017	9.7	130454.1	-5548.8	5107	9.0	131423.2	-5514.4	5197	10.5	132340.0	-5556.2	5287	10.3	133249.6	-5523.8
5018	9.3	130502.3	-5527.4	5108	9.3	131438.4	-5541.1	5198	10.5	132343.3	-5515.5	5288	11.0	133251.9	-5522.8
5019	9.7	130504.7	-5554.8	5109	9.3	131443.8	-5510.4	5199	10.5	132408.0	-5506.5	5289	10.5	133256.7	-5506.6
5020	11.0	130513.8	-5556.8	5110	10.5	131507.9	-5527.4	5200	10.5	132409.9	-5509.5	5290	10.5	133311.2	-5506.6
5021	9.7	130517.3	-5530.4	5111	10.8	131509.7	-5535.5	5201	10.5	132411.6	-5530.5	5291	10.3	133313.8	-5517.6
5022	10.8	130517.5	-5501.6	5112	10.3	131513.2	-5509.5	5202	9.4	132414.8	-5523.5	5292	10.5	133322.4	-5524.6
5023	10.8	130527.6	-5531.2	5113	10.3	131523.6	-5549.0	5203	10.8	132416.4	-5552.2	5293	10.8	133327.4	-5513.6
5024	10.5	130551.1	-5558.8	5114	10.5	131525.6	-5529.5	5204	10.8	132429.3	-5505.5	5294	8.5	133337.9	-5542.4
5025	9.5	130552.4	-5550.8	5115	10.0	131535.2	-5508.8	5205	10.3	132430.2	-5557.2	5295	10.5	133338.5	-5529.6
5026	10.3	130553.3	-5521.4	5116	10.5	131549.9	-5552.0	5206	9.5	132441.2	-5529.5	5296	9.8	133347.7	-5509.4
5027	10.5	130553.5	-5513.4	5117	10.0	131551.6	-5522.8	5207	10.5	132443.9	-5556.2	5297	11.0	133350.4	-5512.6
5028	10.3	130602.0	-5517.4	5118	10.5	131559.8	-5557.0	5208	10.5	132446.4	-5508.5	5298	10.8	133353.1	-5536.6
5029	9.4	130604.2	-5536.8	5119	9.2	131606.3	-5521.5	5209	8.1	132447.0	-5510.7	5299	10.5	133408.4	-5527.6
5030	9.4	130606.9	-5534.6	5120	10.5	131609.7	-5508.5	5210	11.0	132452.0	-5520.5	5300	9.9	133409.6	-5540.9
5031	10.0	130613.5	-5500.6	5121	11.0	131612.1	-5529.8	5211	10.5	132516.4	-5557.2	5301	10.8	133409.9	-5516.4
5032	10.8	130619.6	-5547.8	5122	10.0	131614.8	-5557.0	5212	10.3	132517.5	-5549.2	5302	9.8	133413.8	-5513.6
5033	10.0	130622.9	-5507.2	5123	11.0	131624.4	-5527.5	5213	10.8	132526.0	-5504.5	5303	11.0	133422.8	-5503.6
5034	8.8	130629.3	-5517.2	5124	8.2	131628.7	-5516.5	5214	8.5	132528.8	-5541.4	5304	9.7	133430.6	-5523.6
5035	10.5	130635.0	-5544.9	5125	11.0	131630.4	-5515.5	5215	11.0	132531.4	-5523.7	5305	11.0	133431.4	-5547.5
5036	9.9	130637.5	-5516.4	5126	10.0	131633.6	-5527.8	5216	10.5	132535.7	-5552.2	5306	10.5	133447.0	-5536.6
5037	10.5	130641.9	-5547.9	5127	10.0	131634.0	-5532.8	5217	9.5	132548.1	-5502.5	5307	10.3	133449.6	-5538.6
5038	10.8	130704.2	-5544.9	5128	9.8	131634.5	-5558.0	5218	10.8	132553.3	-5513.3	5308	9.8	133501.7	-5539.0
5039	10.5	130705.3	-5556.9	5129	11.0	131636.4	-5516.5	5219	10.8	132554.0	-5537.8	5309	10.5	133504.4	-5542.6
5040	10.0	130708.0	-5518.4	5130	9.6	131647.4	-5518.5	5220	9.8	132612.1	-5505.5	5310	9.8	133509.1	-5524.4
5041	9.5	130715.4	-5506.8	5131	11.0	131658.9	-5518.5	5221	10.5	132623.6	-5500.5	5311	10.0	133509.7	-5531.6
5042	10.0	130715.9	-5544.9	5132	11.0	131704.6	-5527.5	5222	10.0	132625.4	-5555.2	5312	9.7	133518.2	-5506.8
5043	10.5	130729.9	-5532.4	5133	10.5	131716.2	-5506.5	5223	10.3	132626.5	-5522.5	5313	10.8	133518.8	-5544.5
5044	10.0	130739.3	-5528.4	5134	10.3	131719.3	-5516.8	5224	10.3	132627.1	-5527.8	5314	10.3	133519.8	-5546.4
5045	11.0	130742.1	-5500.4	5135	10.8	131724.9	-5504.7	5225	10.8	132642.0	-5518.5	5315	9.7	133519.9	-5555.0
5046	9.5	130809.3	-5529.2	5136	10.8	131728.0	-5546.1	5226	10.0	132645.1	-5553.2	5316	10.8	133524.6	-5549.5
5047	9.7	130812.8	-5525.4	5137	10.5	131730.8	-5518.8	5227	10.5	132646.2	-5506.5	5317	10.3	133529.4	-5507.6
5048	9.5	130814.0	-5539.8	5138	10.5	131734.4	-5517.4	5228	11.0	132656.2	-5510.7	5318	10.8	133529.5	-5517.6
5049	8.3	130817.4	-5542.0	5139	9.6	131743.0	-5558.1	5229	10.3	132700.0	-5553.2	5319	10.5	133532.5	-5514.6
5050	10.3	130827.1	-5520.4	5140	10.8	131744.8	-5547.1	5230	10.5	132713.6	-5524.5	5320	10.5	133544.6	-5509.6
5051	10.5	130842.4	-5504.6	5141	10.3	131748.8	-5519.5	5231	10.8	132713.8	-5512.8	5321	10.5	133547.6	-5540.6
5052	10.5	130845.7	-5555.9	5142	10.0	131800.2	-5503.5	5232	10.0	132717.7	-5502.5	5322	10.5	133553.4	-5508.8
5053	10.8	130847.6	-5533.2	5143	9.9	131811.6	-5528.8	5233	11.0	132721.9	-5517.5	5323	10.0	133605.3	-5527.8
5054	10.0	130851.2	-5559.9	5144	10.5	131811.7	-5531.5	5234	10.5	132727.4	-5524.5	5324	10.3	133610.8	-5523.8
5055	10.5	130856.9	-5539.9	5145	10.5	131814.9	-5522.5	5235	9.0	132729.4	-5538.4	5325	10.5	133617.9	-5510.6
5056	8.5	130857.9	-5533.4	5146	10.5	131818.3	-5555.1	5236	10.8	132732.4	-5515.5	5326	10.5	133621.3	-5503.6
5057	10.0	130858.8	-5536.4	5147	10.5	131823.3	-5542.1	5237	9.5	132741.7	-5550.2	5327	11.0	133632.3	-5546.5
5058	10.5	130905.7	-5553.9	5148	10.5	131829.3	-5557.1	5238	10.8	132743.9	-5515.6	5328	10.5	133633.2	-5528.6
5059	10.3	130928.4	-5501.4	5149	10.3	131849.5	-5555.1	5239	9.5	132756.7	-5527.5	5329	11.0	133636.8	-5524.6
5060	11.0	130933.9	-5508.4	5150	9.0	131906.5	-5540.3	5240	10.8	132758.7	-5509.5	5330	11.0	133639.5	-5515.6
5061	9.2	130941.4	-5511.0	5151	10.8	131912.4	-5502.5	5241	10.3	132759.4	-5501.6	5331	10.8	133640.9	-5520.6
5062	10.5	130950.4	-5505.8	5152	9.3	131913.0	-5528.5	5242	10.5	132803.2	-5502.5	5332	10.5	133650.5	-5542.5
5063	9.2	130953.0	-5528.4	5153	9.1	131916.0	-5535.3	5243	10.0	132810.1	-5523.3	5333	10.8	133657.8	-5511.6
5064	10.5	130958.0	-5541.6	5154	10.3	131925.3	-5515.8	5244	10.8	132816.5	-5517.8	5334	10.8	133659.6	-5512.4
5065	10.3	131003.6	-5528.4	5155	10.3	131948.6	-5525.7	5245	9.5	132823.8	-5513.5	5335	8.8	133701.8	-5515.6
5066	9.4	131008.4	-5536.2	5156	10.8	131956.4	-5506.5	5246	10.8	132831.6	-5525.6	5336	10.8	133707.4	-5557.5
5067	10.0	131010.9	-5502.8	5157	10.5	132003.0	-5531.8	5247	10.8	132832.9	-5535.7	5337	8.9	133709.8	-5518.6
5068	9.6	131019.2	-5532.4	5158	10.5	132012.8	-5520.3	5248	11.0	132853.2	-5539.3	5338	9.6	133713.3	-5521.6
5069	10.5	131019.8	-5550.9	5159	10.0	132021.8	-5518.5	5249	8.3	132855.3	-5530.7	5339	11.0	133722.4	-5540.5
5070	9.8	131020.0	-5515.6	5160	10.5	132029.2	-5504.5	5250	10.8	132909.8	-5552.3	5340	10.3	133731.2	-5551.5

5341	10.3	133733.7	-5555.5	5431	9.3	134927.5	-5547.8	5521	10.5	135846.1	-5507.4
5342	10.5	133744.0	-5509.0	5432	10.5	134932.0	-5526.2	5522	8.7	135905.7	-5544.0
5343	10.5	133747.8	-5525.0	5433	9.0	134934.2	-5527.2	5523	9.4	135913.6	-5554.0
5344	11.0	133749.0	-5539.0	5434	9.9	134953.2	-5515.0	5524	11.0	135914.5	-5537.4
5345	9.8	133751.3	-5506.0	5435	8.3	134954.0	-5544.8	5525	9.9	135919.5	-5557.0
5346	10.8	133757.0	-5505.0	5436	10.3	135001.2	-5532.6	5526	10.5	135932.2	-5556.0
5347	11.0	133820.8	-5540.6	5437	11.0	135009.2	-5536.2	5527	9.5	135933.5	-5501.7
5348	10.5	133828.2	-5510.0	5438	11.0	135013.4	-5513.2	5528	10.0	135942.6	-5513.4
5349	10.5	133857.5	-5519.8	5439	10.8	135014.1	-5537.0	5529	10.8	135949.3	-5520.4
5350	10.3	133909.3	-5520.1	5440	11.0	135015.9	-5530.2	5530	10.5	135950.7	-5534.4
5351	11.0	133916.8	-5514.2	5441	10.3	135016.6	-5555.8	5531	11.5	140000.3	-5541.0
5352	10.5	133924.0	-5554.0	5442	10.8	135017.1	-5507.2	5532	10.8	140000.6	-5522.4
5353	10.3	133928.1	-5524.0	5443	11.0	135029.7	-5509.2	5533	10.3	140013.3	-5543.0
5354	10.3	133934.8	-5519.0	5444	10.3	135032.2	-5516.3	5534	10.8	140019.9	-5521.5
5355	7.2	133947.2	-5520.0	5445	9.4	135048.2	-5523.0	5535	9.5	140022.9	-5538.8
5356	10.8	134004.2	-5508.0	5446	10.5	135054.2	-5531.2	5536	11.0	140056.4	-5534.5
5357	10.8	134007.1	-5552.6	5447	10.0	135104.3	-5541.0	5537	10.8	140058.2	-5525.8
5358	10.5	134007.8	-5504.0	5448	10.0	135109.4	-5553.9	5538	10.3	140105.5	-5552.0
5359	10.3	134010.6	-5500.8	5449	9.3	135116.7	-5508.0	5539	10.5	140107.7	-5548.0
5360	10.5	134023.0	-5520.0	5450	10.5	135125.6	-5514.2	5540	9.5	140110.1	-5545.0
5361	10.0	134024.3	-5533.0	5451	10.8	135138.7	-5508.3	5541	9.7	140131.8	-5555.1
5362	10.5	134029.1	-5503.1	5452	10.5	135142.8	-5533.3	5542	9.4	140140.0	-5538.2
5363	10.5	134033.7	-5542.6	5453	10.0	135157.2	-5533.1	5543	11.0	140149.9	-5502.5
5364	9.1	134034.8	-5539.8	5454	11.0	135159.3	-5511.3	5544	11.0	140153.3	-5512.5
5365	10.8	134059.3	-5519.0	5455	10.0	135215.6	-5531.3	5545	10.0	140157.2	-5537.0
5366	11.0	134110.0	-5522.0	5456	10.0	135217.1	-5547.9	5546	10.3	140159.4	-5503.7
5367	10.3	134111.0	-5527.0	5457	10.8	135219.6	-5539.6	5547	10.5	140203.0	-5517.5
5368	10.0	134116.2	-5544.7	5458	9.4	135221.5	-5534.0	5548	10.8	140209.4	-5514.3
5369	10.5	134121.8	-5543.7	5459	10.5	135238.2	-5500.3	5549	11.0	140232.7	-5513.5
5370	11.0	134122.2	-5533.0	5460	10.5	135239.4	-5532.3	5550	10.8	140234.2	-5527.5
5371	9.7	134126.1	-5552.7	5461	10.5	135244.0	-5532.3	5551	9.8	140237.3	-5532.5
5372	9.6	134138.3	-5523.0	5462	10.8	135247.6	-5511.3	5552	11.0	140237.8	-5545.1
5373	10.3	134144.3	-5503.2	5463	7.9	135254.5	-5537.1	5553	11.0	140238.9	-5512.5
5374	11.0	134145.0	-5508.0	5464	10.0	135307.8	-5559.9	5554	11.0	140242.5	-5526.5
5375	9.2	134207.0	-5514.1	5465	10.3	135317.2	-5508.6	5555	10.8	140243.7	-5530.5
5376	11.5	134233.0	-5535.2	5466	9.8	135333.6	-5541.9	5556	7.5	140248.4	-5548.8
5377	10.3	134249.8	-5542.7	5467	11.0	135337.6	-5503.4	5557	10.5	140249.6	-5537.2
5378	10.3	134251.4	-5557.7	5468	9.6	135338.0	-5512.1	5558	11.0	140250.8	-5512.5
5379	11.0	134258.7	-5500.1	5469	11.0	135343.6	-5500.4	5559	10.8	140303.4	-5501.5
5380	9.1	134312.8	-5535.9	5470	9.0	135345.8	-5532.3	5560	10.5	140317.9	-5520.5
5381	10.0	134322.8	-5550.7	5471	10.0	135355.4	-5551.9	5561	10.3	140328.5	-5518.5
5382	9.7	134328.3	-5542.7	5472	10.0	135400.1	-5557.9	5562	12.0	140331.2	-5538.5
5383	10.5	134355.5	-5530.1	5473	10.0	135401.2	-5530.3	5563	10.8	140333.0	-5515.3
5384	10.5	134357.5	-5529.1	5474	10.8	135416.2	-5529.3	5564	9.4	140334.8	-5540.8
5385	8.6	134402.2	-5503.1	5475	10.0	135421.4	-5549.9	5565	11.0	140340.6	-5537.9
5386	9.6	134404.4	-5554.7	5476	9.3	135424.2	-5524.1	5566	11.0	140349.4	-5518.5
5387	10.5	134407.5	-5503.1	5477	10.5	135425.6	-5513.3	5567	11.0	140407.7	-5516.5
5388	10.5	134409.9	-5522.1	5478	8.5	135433.7	-5542.9	5568	11.0	140409.0	-5518.2
5389	10.5	134411.0	-5528.1	5479	10.0	135433.8	-5525.3	5569	11.0	140414.4	-5502.7
5390	9.9	134412.5	-5548.7	5480	9.0	135440.4	-5518.3	5570	9.5	140417.8	-5548.4
5391	11.0	134423.0	-5512.1	5481	6.6	135500.2	-5536.1	5571	10.0	140441.2	-5523.5
5392	9.8	134424.5	-5546.7	5482	11.0	135505.3	-5533.3	5572	10.8	140443.2	-5500.5
5393	10.5	134425.8	-5506.1	5483	11.3	135520.9	-5559.9	5573	10.8	140447.0	-5519.6
5394	10.0	134436.8	-5533.8	5484	10.8	135521.4	-5549.9	5574	9.9	140448.3	-5547.4
5395	11.0	134443.0	-5536.1	5485	9.9	135522.1	-5508.3	5575	10.8	140450.4	-5532.6
5396	10.8	134456.8	-5506.1	5486	11.0	135528.9	-5557.9	5576	10.5	140452.5	-5515.6
5397	10.8	134500.1	-5524.1	5487	11.0	135534.4	-5524.3	5577	10.8	140454.9	-5507.6
5398	10.0	134501.8	-5533.1	5488	10.5	135536.8	-5547.9	5578	10.8	140456.9	-5503.6
5399	10.5	134503.7	-5552.7	5489	10.5	135538.9	-5544.9	5579	11.0	140459.8	-5546.9
5400	10.5	134510.3	-5531.1	5490	11.5	135545.0	-5543.9	5580	10.5	140459.9	-5507.6
5401	10.8	134532.5	-5506.1	5491	10.8	135548.4	-5500.2	5581	11.3	140508.2	-5538.4
5402	10.3	134550.6	-5526.1	5492	10.0	135552.8	-5529.6	5582	10.8	140511.9	-5510.6
5403	11.0	134552.4	-5514.1	5493	11.0	135555.2	-5547.0	5583	10.3	140519.3	-5538.1
5404	9.7	134552.6	-5545.8	5494	11.0	135600.5	-5517.6	5584	11.0	140526.0	-5509.6
5405	10.8	134554.4	-5521.1	5495	11.0	135601.3	-5504.4	5585	11.0	140527.5	-5534.5
5406	10.8	134605.3	-5522.0	5496	10.0	135603.7	-5529.4	5586	8.3	140529.3	-5528.6
5407	11.0	134611.5	-5524.1	5497	10.3	135614.3	-5535.4	5587	10.8	140532.4	-5536.5
5408	7.4	134622.4	-5507.1	5498	9.3	135619.7	-5525.6	5588	10.5	140532.6	-5540.4
5409	10.5	134627.2	-5510.1	5499	10.8	135629.5	-5501.4	5589	11.0	140534.9	-5527.6
5410	11.0	134634.3	-5501.1	5500	9.7	135629.9	-5552.0	5590	9.3	140536.2	-5544.4
5411	9.3	134652.0	-5552.8	5501	9.0	135631.8	-5554.0	5591	10.0	140543.9	-5514.3
5412	10.5	134655.6	-5541.8	5502	10.3	135635.7	-5559.0	5592	10.8	140557.1	-5522.6
5413	10.5	134708.3	-5519.0	5503	8.6	135636.3	-5532.4	5593	9.1	140558.8	-5554.4
5414	10.5	134710.6	-5509.2	5504	10.8	135638.1	-5515.4	5594	11.5	140600.2	-5553.4
5415	10.8	134720.1	-5530.2	5505	10.0	135715.2	-5528.4	5595	11.0	140601.4	-5514.4
5416	10.5	134732.9	-5554.8	5506	10.3	135736.4	-5516.4	5596	10.5	140611.9	-5518.6
5417	7.2	134746.8	-5520.2	5507	10.3	135737.9	-5544.0	5597	8.3	140613.3	-5522.4
5418	10.3	134752.4	-5552.8	5508	11.5	135743.6	-5554.0	5598	11.0	140613.5	-5539.6
5419	9.5	134757.0	-5517.2	5509	9.8	135745.1	-5500.4	5599	11.0	140618.4	-5538.4
5420	10.3	134802.0	-5553.8	5510	11.0	135748.9	-5557.0	5600	10.3	140629.0	-5506.4
5421	9.6	134806.5	-5544.8	5511	9.8	135754.3	-5518.4	5601	10.0	140631.8	-5539.6
5422	10.0	134814.8	-5531.2	5512	10.5	135759.0	-5521.6	5602	11.3	140650.0	-5536.6
5423	10.0	134832.8	-5521.3	5513	10.5	135801.3	-5532.4	5603	11.0	140658.6	-5501.6
5424	10.8	134844.5	-5541.2	5514	10.8	135801.9	-5517.4	5604	11.0	140658.6	-5520.6
5425	11.0	134849.7	-5501.2	5515	10.0	135811.0	-5535.4	5605	11.0	140706.8	-5515.6
5426	10.5	134852.7	-5519.2	5516	11.5	135822.3	-5544.0	5606	10.8	140717.3	-5523.2
5427	8.2	134900.9	-5525.2	5517	11.0	135824.2	-5534.4	5607	9.8	140722.9	-5543.5
5428	10.5	134901.0	-5525.2	5518	8.8	135826.8	-5554.0	5608	10.0	140726.8	-5503.8
5429	10.3	134920.2	-5534.2	5519	10.5	135843.1	-5500.4	5609	10.0	140727.8	-5501.8
5430	10.5	134927.4	-5513.2	5520	9.3	135844.4	-5551.0	5610	11.0	140731.8	-5524.6
5611	11.0	140732.4	-5539.3								
5612	9.8	140733.9	-5532.3								
5613	10.0	140736.0	-5553.5								
5614	10.8	140746.3	-5525.7								
5615	10.8	140807.4	-5526.7								
5616	9.9	140817.3	-5530.7								
5617	10.5	140822.0	-5509.4								
5618	10.0	140824.5	-5556.5								
5619	9.7	140838.4	-5536.9								
5620	11.0	140841.4	-5500.7								
5621	11.0	140842.6	-5558.5								
5622	10.5	140847.2	-5556.5								
5623	6.9	140848.1	-5510.8								
5624	10.3	140857.3	-5514.9								
5625	10.8	140857.4	-5507.7								
5626	10.5	140903.5	-5515.7								
5627	10.5	140912.2	-5517.7								
5628	9.1	140912.6	-5548.5								
5629	10.3	140917.6	-5510.7								
5630	10.5	140921.3	-5504.9								
5631	9.5	140959.8	-5513.7								
5632	10.8	141005.8	-5532.7								
5633	7.3	141030.0	-5517.9								
5634	9.4	141030.0	-5537.7								
5635	11.0	141037.7	-5501.7								
5636	9.6	141037.7	-5539.2								
5637	10.0	141039.6	-5542.6								
5638	11.0	141048.8	-5502.7								
5639	10.5	141111.2	-5522.7								
5640	10.8	141113.4	-5536.7								
5641	10.8	141124.1	-5537.7								
5642	7.2	141134.9	-5512.7								
5643	4.4	141137.8	-5548.6								
5644	11.0	141138.7	-5534.6								
5645	9.9	141145.1	-5559.6								
5646	9.8	141155.5	-5544.6								
5647	10.3	141200.2	-5500.3								
5648	9.3	141206.3	-5517.9								
5649	10.5	141209.3	-5543.6								
5650	9.9	141222.7	-5529.7								
5651	10.3	141228.4	-5519.6								
5652	10.0	141248.7	-5546.6								
5653	10.3	141249.2	-5548.6								
5654	9.3	141252.2	-5514.7								
5655	10.5	141259.8	-5503.7								
5656	10.5	141317.4	-5500.7								
5657	10.0	141331.8	-5509.9								
5658	10.5	141400.1	-5532.7								
5659	8.0	141409.2	-5522.9								
5660	11.0	141409.7	-5526.7								
5661	9.5	141421.1	-5502.7								
5662	11.5	141423.8	-5553.7								
5663	8.6	141443.1	-5557.7								
5664	9.2	141444.0	-5544.7								
5665	11.0	141459.1	-5510.5								
5666	9.6	141524.1	-5522.7								
5667	9.5	141527.6	-5533.6								
5668	11.0	141534.4	-5550.2								
5669	9.9	141536.7	-5512.9								
5670	10.8	141539.5	-5522.9								
5671	9.8	141602.0	-5524.8								
5672	11.0	141631.4	-5518.8								
5673	10.8	141638.8	-5557.7								
5674	10.8	141645.0	-5521.1								
5675	11.0	141705.2	-5526.8								
5676	10.5	141718.0	-5536.8								
5677	9.7	141722.0	-5526.8								
5678	10.5	141725.0	-5536.7								
5679	11.0	141725.6	-5548.7								
5680	10.5	141738.6	-5504.8								
5681	11.3	141807.5	-5552.8								
5682	11.3	141821.1	-5503.8								
5683	11.0	141824.0	-5553.8								
5684	11.3	141921.8	-5509.8								
5685	10.3	141937.6	-5506.9								
5686	10.5	141940.5	-5548.8								
5687	7.2	142010.9	-5534.2								
5688	10.8	142054.0	-5528.1								
5689	7.3	142108.6	-5534.6								
5690	10.0	142115.5	-5507.3								
5691	8.4	142143.5	-5513.8								
5692	9.7	142155.0	-5522.6								
5693	9.5	142200.6	-5537.4								
5694	9.6	142205.6	-5531.6								
5695	10.5	142218.3	-5543.1								
5696	9.4	142246.0	-5546.9								
5697	9.6	142251.4	-5530.3								
5698	10.8	142309.2	-5503.6								
5699	10.3	142312.0	-5527.0								
5700	10.5	142346.7	-5511.0								

5701	10.8	142349.3	-5501.2	5791	10.3	143349.5	-5537.2	5881	9.3	144440.6	-5538.5
5702	10.5	142358.7	-5514.0	5792	8.4	143355.2	-5551.2	5882	9.0	144441.9	-5529.6
5703	9.6	142359.9	-5558.9	5793	10.3	143428.6	-5557.2	5883	9.4	144446.0	-5542.4
5704	11.0	142406.7	-5511.2	5794	10.3	143430.3	-5557.2	5884	10.8	144511.6	-5517.6
5705	9.9	142408.1	-5555.9	5795	10.0	143434.3	-5550.2	5885	9.5	144512.4	-5500.6
5706	10.5	142412.0	-5526.0	5796	11.3	143441.7	-5513.3	5886	9.9	144518.3	-5552.5
5707	9.0	142420.6	-5500.0	5797	9.4	143450.0	-5549.2	5887	9.9	144540.1	-5514.6
5708	7.7	142425.0	-5539.2	5798	10.5	143452.3	-5542.2	5888	9.7	144540.9	-5527.6
5709	10.5	142429.2	-5517.4	5799	8.5	143459.3	-5549.2	5889	9.8	144542.5	-5505.6
5710	8.1	142450.0	-5524.6	5800	8.8	143510.2	-5516.3	5890	9.4	144550.1	-5504.6
5711	10.0	142458.4	-5539.9	5801	11.0	143514.5	-5525.3	5891	10.0	144556.4	-5529.6
5712	9.4	142502.5	-5534.0	5802	9.6	143525.0	-5534.8	5892	9.3	144600.1	-5513.6
5713	10.5	142503.0	-5537.6	5803	9.5	143526.0	-5524.3	5893	9.7	144621.3	-5546.5
5714	10.8	142508.8	-5509.0	5804	9.8	143537.8	-5555.2	5894	10.0	144621.7	-5504.6
5715	10.5	142515.1	-5554.9	5805	10.3	143538.0	-5500.9	5895	11.3	144641.0	-5538.6
5716	10.5	142537.4	-5525.0	5806	10.3	143538.9	-5553.2	5896	9.8	144649.7	-5552.5
5717	10.5	142549.3	-5557.9	5807	10.3	143552.1	-5508.3	5897	11.3	144657.5	-5507.6
5718	9.8	142555.9	-5552.9	5808	10.3	143558.2	-5520.3	5898	9.8	144711.7	-5557.5
5719	9.6	142559.0	-5525.1	5809	6.3	143610.8	-5504.3	5899	10.8	144713.3	-5556.5
5720	11.0	142609.1	-5532.0	5810	9.6	143618.1	-5532.3	5900	10.5	144717.0	-5507.6
5721	11.0	142610.7	-5531.0	5811	7.7	143618.4	-5505.3	5901	11.3	144734.0	-5510.6
5722	7.4	142611.4	-5559.9	5812	10.5	143618.7	-5557.2	5902	10.8	144739.1	-5517.6
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5724	10.8	142635.8	-5554.0	5814	10.0	143640.0	-5528.3	5904	11.0	144749.0	-5504.6
5725	10.0	142655.5	-5524.9	5815	8.2	143656.7	-5557.2	5905	10.5	144754.0	-5510.6
5726	8.5	142703.2	-5558.0	5816	10.5	143710.7	-5517.3	5906	7.7	144754.8	-5524.6
5727	8.6	142705.2	-5555.0	5817	10.5	143727.1	-5522.3	5907	9.0	144756.1	-5517.6
5728	8.6	142709.3	-5500.6	5818	8.6	143727.6	-5539.0	5908	10.5	144807.4	-5507.6
5729	10.8	142712.0	-5530.3	5819	8.5	143730.6	-5553.2	5909	11.3	144836.5	-5536.7
5730	10.8	142727.5	-5559.0	5820	11.0	143737.0	-5500.4	5910	11.0	144838.0	-5517.7
5731	10.5	142736.7	-5519.4	5821	11.0	143740.2	-5515.4	5911	11.0	144839.6	-5513.7
5732	10.8	142746.7	-5518.1	5822	10.5	143742.6	-5505.9	5912	10.5	144842.0	-5536.5
5733	10.5	142756.6	-5553.4	5823	10.5	143746.5	-5500.4	5913	11.3	144846.4	-5534.7
5734	10.3	142800.0	-5524.8	5824	9.9	143752.1	-5533.4	5914	11.0	144849.5	-5538.2
5735	10.8	142809.9	-5532.1	5825	11.5	143806.7	-5513.4	5915	9.7	144901.6	-5554.5
5736	9.2	142818.6	-5503.6	5826	10.5	143807.9	-5555.2	5916	11.3	144902.0	-5541.7
5737	10.5	142821.7	-5553.0	5827	10.3	143825.7	-5540.2	5917	10.3	144912.0	-5555.5
5738	10.0	142822.5	-5544.0	5828	9.7	143845.1	-5507.4	5918	11.0	144917.0	-5518.7
5739	10.0	142842.6	-5500.8	5829	8.6	143849.6	-5530.4	5919	11.3	144919.0	-5529.7
5740	10.8	142845.7	-5519.1	5830	11.0	143905.2	-5511.4	5920	11.3	144922.0	-5537.7
5741	11.3	142846.6	-5505.1	5831	7.5	143908.6	-5528.4	5921	11.0	144924.9	-5534.7
5742	10.8	142848.7	-5518.1	5832	9.3	143912.1	-5555.3	5922	10.3	144934.5	-5549.5
5743	10.5	142854.2	-5555.0	5833	8.3	143918.2	-5554.3	5923	9.5	144937.0	-5511.7
5744	10.5	142857.4	-5542.0	5834	9.5	143919.8	-5529.4	5924	10.0	144943.1	-5544.5
5745	11.0	142901.2	-5511.2	5835	9.4	143925.2	-5545.3	5925	11.3	144948.0	-5515.8
5746	10.8	142910.5	-5508.1	5836	11.0	143927.0	-5517.4	5926	10.3	144949.4	-5503.7
5747	10.5	142925.0	-5500.1	5837	11.3	143935.7	-5517.4	5927	10.8	144959.5	-5512.7
5748	10.5	142934.2	-5549.0	5838	9.4	143946.3	-5503.9	5928	10.3	144959.5	-5513.7
5749	8.1	142936.7	-5500.0	5839	9.9	143947.3	-5554.3	5929	10.3	145000.9	-5434.2
5750	10.0	142957.0	-5537.1	5840	11.3	143947.4	-5535.4	5930	9.4	145006.3	-5500.3
5751	10.0	143000.7	-5516.1	5841	10.3	144003.2	-5539.4	5931	10.0	145010.3	-5541.5
5752	7.5	143004.7	-5557.1	5842	10.3	144004.4	-5537.4	5932	9.7	145020.8	-5530.7
5753	10.3	143008.6	-5546.1	5843	9.7	144007.2	-5528.4	5933	9.5	145025.2	-5551.6
5754	11.0	143013.7	-5509.1	5844	10.5	144008.8	-5502.4	5934	11.0	145028.5	-5511.7
5755	8.7	143015.1	-5509.3	5845	9.2	144014.8	-5524.4	5935	10.5	145030.2	-5552.6
5756	11.0	143019.7	-5514.2	5846	9.5	144024.7	-5554.3	5936	11.0	145034.9	-5505.7
5757	10.3	143021.4	-5543.1	5847	11.0	144035.4	-5552.3	5937	10.5	145039.8	-5539.7
5758	11.3	143022.8	-5501.2	5848	11.0	144038.9	-5541.3	5938	10.3	145049.2	-5554.6
5759	10.3	143031.9	-5541.1	5849	11.3	144048.5	-5505.4	5939	9.3	145057.1	-5538.7
5760	10.3	143031.9	-5557.1	5850	9.9	144050.3	-5502.4	5940	10.5	145059.1	-5533.7
5761	11.5	143032.7	-5518.2	5851	11.0	144110.5	-5542.4	5941	10.0	145059.2	-5548.6
5762	10.0	143036.2	-5555.1	5852	9.8	144128.5	-5502.5	5942	10.5	145118.0	-5535.7
5763	11.0	143043.0	-5530.3	5853	11.5	144134.6	-5511.5	5943	11.0	145126.2	-5529.7
5764	9.2	143052.0	-5534.4	5854	9.5	144153.4	-5555.4	5944	11.5	145130.3	-5504.7
5765	10.0	143104.1	-5558.1	5855	10.8	144156.0	-5502.5	5945	9.5	145139.1	-5549.6
5766	9.0	143125.2	-5516.8	5856	10.3	144156.9	-5559.4	5946	9.9	145146.8	-5532.7
5767	6.7	143131.9	-5554.1	5857	11.0	144158.7	-5526.5	5947	9.8	145150.4	-5517.7
5768	10.5	143141.2	-5544.1	5858	10.8	144159.7	-5523.5	5948	7.1	145221.4	-5545.6
5769	9.9	143150.7	-5550.1	5859	9.7	144200.8	-5533.5	5949	10.5	145222.4	-5545.6
5770	9.8	143154.6	-5501.0	5860	10.0	144222.0	-5546.4	5950	10.8	145224.9	-5535.8
5771	10.5	143207.6	-5533.0	5861	9.6	144225.0	-5534.4	5951	11.0	145232.7	-5529.8
5772	10.3	143215.0	-5554.1	5862	10.0	144226.9	-5516.5	5952	11.3	145236.9	-5511.8
5773	9.4	143221.7	-5559.1	5863	11.5	144238.4	-5557.4	5953	9.4	145243.9	-5516.8
5774	9.5	143225.4	-5540.2	5864	10.0	144241.9	-5520.5	5954	8.3	145247.4	-5549.6
5775	11.5	143229.5	-5522.7	5865	10.3	144243.9	-5529.5	5955	10.5	145249.8	-5539.4
5776	11.0	143245.2	-5538.2	5866	10.3	144301.7	-5511.5	5956	10.8	145252.9	-5537.8
5777	9.9	143248.4	-5534.6	5867	9.8	144303.8	-5539.0	5957	12.0	145254.3	-5540.8
5778	10.5	143250.0	-5528.2	5868	9.7	144314.3	-5550.4	5958	9.5	145257.2	-5544.6
5779	11.0	143250.6	-5504.6	5869	11.5	144323.8	-5518.5	5959	10.3	145304.8	-5505.8
5780	10.5	143243.4	-5539.1	5870	11.0	144324.1	-5527.5	5960	9.8	145310.2	-5522.8
5781	10.0	143308.9	-5536.2	5871	8.3	144327.4	-5512.5	5961	10.0	145322.8	-5550.6
5782	11.0	143310.2	-5513.2	5872	10.8	144334.9	-5528.5	5962	10.8	145323.8	-5532.8
5783	9.7	143310.2	-5504.6	5873	11.0	144349.9	-5525.5	5963	9.8	145325.8	-5544.6
5784	10.3	143311.2	-5533.7	5874	8.9	144353.5	-5547.4	5964	9.4	145326.3	-5502.8
5785	9.4	143312.1	-5527.2	5875	9.3	144400.9	-5523.5	5965	9.4	145330.1	-5557.6
5786	10.5	143325.2	-5544.2	5876	11.5	144404.2	-5540.5	5966	9.8	145359.3	-5552.6
5787	9.6	143334.0	-5523.2	5877	11.0	144415.0	-5510.5	5967	10.3	145402.6	-5537.7
5788	9.6	143342.3	-5548.2	5878	9.2	144429.3	-5541.4	5968	11.3	145413.0	-5507.8
5789	9.7	143343.3	-5538.7	5879	11.3	144431.0	-5509.5	5969	10.3	145415.1	-5543.6
5790	9.6	143344.0	-5522.2	5880	10.3	144437.2	-5549.4	5970	8.4	145423.4	-5539.2
5971	9.3	145424.8	-5504.8								
5972	11.5	145442.9	-5538.8								
5973	9.8	145450.4	-5514.8								
5974	8.7	145459.5	-5555.6								
5975	11.5	145508.9	-5516.8								
5976	11.3	145520.3	-5505.8								
5977	8.4	145524.3	-5555.6								
5978	9.6	145528.5	-5544.6								
5979	9.1	145532.6	-5500.3								
5980	10.0	145533.5	-5555.6								
5981	10.3	145534.9	-5556.6								
5982	9.9	145537.3	-5536.6								
5983	10.3	145538.1	-5525.9								
5984	10.0	145542.7	-5532.5								
5985	10.3	145543.8	-5536.9								
5986	10.3	145546.3	-5512.9								
5987	10.0	145553.4	-5545.6								
5988	9.5	145557.0	-5540.8								
5989	10.0	145559.1	-5525.9								
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5991	10.3	145609.6	-5525.9								
5992	10.0	145616.8	-5511.9								
5993	10.3	145624.2	-5510.9								
5994	10.5	145629.2	-5509.9								
5995	11.0	145635.2	-5505.9								
5996	10.5	145635.5	-5559.6								
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5999	10.0	145702.8	-5551.7								
6000	8.1	145705.3	-5519.9								
6001	10.0	145711.2	-5503.9								
6002	10.8	145712.6	-5540.3								
6003	8.5	145713.1	-5515.9								
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6010	10.0	145832.1	-5549.8								
6011	8.3	145840.0	-5514.9								
6012	10.3	145842.0	-5558.8								
6013	9.5	145847.7	-5544.8								
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6015	10.5	145850.9	-5541.8								
6016	10.8	145858.0	-5507.9								
6017	10.8	145904.0	-5532.0								
6018	9.5	145907.4	-5556.8								
6019	9.3	145909.4	-5550.8								
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6021	11.0	145913.5	-5507.0								
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6027	10.8	145943.9	-5528.0								
6028	10.3	145947.4	-5557.8								
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6032	10.3	150016.9	-5530.0								
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6039	10.0	150058.1	-5538.0								
6040	10.3	150058.6	-5515.0								
6041	10.0	150059.9	-5507.0								
6042	9.3	150102.3	-5557.8								
6043	9.3	150104.9	-5505.0								
6044	10.0	150108.0	-5502.0								
6045	10.5	150121.0	-5545.8								
6046	10.0	150130.4	-5526.0								
6047	8.5	150135.6	-5536.9								
6048	9.4	150145.0	-5506.0								
6049	9.6	150200.0	-5540.9								
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6052	10.3	150221.5	-5506.0								
6053	10.3	150234.3	-5503.1								
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6057	9.6	150253.8	-5509.1								
6058	9.1	150255.9	-5556.9								
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6061	9.8	150320.4	-5552.9	6151	10.8	151101.0	-5517.5	6241	10.3	152219.6	-5528.5
6062	9.4	150329.9	-5548.9	6152	10.0	151110.2	-5501.3	6242	11.0	152220.0	-5545.4
6063	10.5	150338.2	-5529.1	6153	9.1	151111.4	-5556.1	6243	9.9	152225.9	-5504.5
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6067	11.0	150349.7	-5523.1	6157	10.0	151129.8	-5510.3	6247	9.3	152303.4	-5503.5
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6072	9.8	150419.7	-5557.9	6162	10.5	151210.0	-5551.1	6252	9.6	152337.7	-5514.5
6073	10.8	150437.5	-5503.1	6163	10.3	151212.8	-5528.3	6253	9.6	152345.3	-5559.4
6074	10.3	150439.8	-5507.1	6164	10.5	151213.3	-5549.1	6254	11.5	152354.4	-5538.4
6075	10.8	150450.3	-5513.1	6165	9.4	151221.5	-5514.3	6255	9.5	152402.3	-5501.5
6076	10.3	150455.7	-5522.1	6166	9.5	151241.2	-5549.0	6256	10.3	152403.0	-5522.5
6077	10.3	150459.2	-5548.9	6167	10.5	151252.6	-5539.1	6257	9.3	152426.3	-5551.4
6078	10.3	150502.4	-5550.9	6168	9.7	151308.8	-5552.1	6258	10.3	152429.1	-5535.5
6079	8.1	150505.1	-5536.0	6169	9.0	151314.7	-5536.2	6259	9.8	152457.0	-5535.0
6080	9.9	150506.4	-5538.1	6170	10.3	151322.8	-5530.4	6260	11.5	152458.8	-5542.4
6081	10.8	150506.8	-5504.1	6171	10.5	151329.8	-5523.4	6261	9.8	152501.4	-5558.8
6082	10.0	150518.2	-5548.9	6172	9.7	151333.5	-5517.4	6262	10.3	152516.2	-5504.5
6083	9.8	150523.7	-5531.1	6173	10.8	151342.8	-5536.2	6263	8.5	152518.9	-5518.5
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6085	9.5	150546.4	-5520.1	6175	10.8	151405.9	-5547.2	6265	11.3	152546.6	-5555.5
6086	10.0	150551.7	-5500.1	6176	10.5	151414.8	-5549.2	6266	9.6	152554.3	-5514.6
6087	8.5	150555.2	-5548.6	6177	10.8	151417.0	-5559.2	6267	11.3	152601.0	-5550.5
6088	10.0	150557.4	-5552.0	6178	10.5	151432.3	-5507.4	6268	9.9	152608.0	-5553.5
6089	9.7	150558.0	-5506.1	6179	10.5	151436.4	-5506.4	6269	9.4	152608.7	-5554.5
6090	8.7	150558.7	-5501.1	6180	11.5	151446.1	-5544.2	6270	10.3	152614.0	-5517.6
6091	10.5	150602.6	-5515.3	6181	10.8	151455.4	-5541.3	6271	11.5	152618.5	-5547.5
6092	9.7	150602.6	-5515.5	6182	9.7	151502.2	-5535.3	6272	10.5	152625.0	-5526.6
6093	9.7	150620.0	-5559.0	6183	10.5	151506.0	-5513.4	6273	9.0	152628.3	-5525.6
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6095	11.0	150623.9	-5500.2	6185	10.8	151518.5	-5500.4	6275	11.5	152653.0	-5548.5
6096	10.8	150626.6	-5538.2	6186	9.5	151521.5	-5541.3	6276	10.0	152656.9	-5517.6
6097	8.5	150627.3	-5549.0	6187	10.0	151523.6	-5554.2	6277	10.5	152707.8	-5516.6
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6099	10.8	150637.2	-5513.2	6189	9.9	151542.1	-5531.3	6279	10.5	152725.5	-5547.5
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6101	10.5	150706.9	-5501.2	6191	9.7	151600.2	-5536.3	6281	10.8	152739.0	-5548.0
6102	8.5	150707.4	-5508.2	6192	9.8	151602.6	-5559.2	6282	9.9	152810.9	-5505.6
6103	9.9	150712.1	-5555.0	6193	10.5	151612.6	-5559.2	6283	10.5	152811.9	-5531.6
6104	10.5	150718.4	-5527.2	6194	9.4	151613.8	-5538.8	6284	10.5	152817.9	-5523.6
6105	9.9	150719.5	-5547.0	6195	10.0	151625.8	-5505.3	6285	10.0	152820.9	-5532.6
6106	10.3	150725.8	-5540.1	6196	9.2	151631.5	-5500.3	6286	10.0	152823.4	-5514.6
6107	10.3	150727.1	-5541.1	6197	9.6	151631.9	-5555.2	6287	10.8	152836.0	-5505.6
6108	10.3	150732.5	-5504.2	6198	9.0	151633.4	-5546.2	6288	11.5	152836.3	-5545.5
6109	9.3	150737.7	-5553.0	6199	11.0	151659.1	-5538.3	6289	8.9	152848.3	-5524.6
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6111	7.6	150739.0	-5555.0	6201	9.9	151706.5	-5555.2	6291	9.9	152909.5	-5546.6
6112	9.7	150802.6	-5517.2	6202	11.0	151724.2	-5550.2	6292	10.8	152916.5	-5533.6
6113	9.8	150807.0	-5510.2	6203	9.1	151724.3	-5505.4	6293	9.4	152936.0	-5538.6
6114	10.3	150807.5	-5536.1	6204	10.8	151746.3	-5541.3	6294	10.5	152940.3	-5502.6
6115	8.8	150809.7	-5509.2	6205	10.8	151748.3	-5557.3	6295	10.5	152949.9	-5539.6
6116	10.3	150814.9	-5524.2	6206	9.9	151808.0	-5528.4	6296	10.8	152952.1	-5514.6
6117	10.5	150815.4	-5528.2	6207	8.7	151809.9	-5521.4	6297	7.2	152957.7	-5500.6
6118	10.8	150818.6	-5555.0	6208	11.3	151812.9	-5553.3	6298	11.0	152958.5	-5536.6
6119	10.5	150818.7	-5538.2	6209	11.5	151834.1	-5540.3	6299	10.5	153003.0	-5546.6
6120	10.3	150819.9	-5522.2	6210	8.2	151900.1	-5545.3	6300	10.0	153017.7	-5510.6
6121	10.3	150822.6	-5539.6	6211	9.1	151912.5	-5554.3	6301	10.3	153023.5	-5546.6
6122	10.8	150836.1	-5527.2	6212	10.5	151915.7	-5533.4	6302	11.5	153058.3	-5536.6
6123	10.8	150839.9	-5531.2	6213	8.0	151927.3	-5511.4	6303	11.5	153136.0	-5558.6
6124	10.8	150843.2	-5501.2	6214	10.3	151929.3	-5500.4	6304	9.9	153136.6	-5526.7
6125	10.8	150843.2	-5516.2	6215	9.8	151932.2	-5504.4	6305	10.3	153142.4	-5537.7
6126	10.5	150847.1	-5552.0	6216	10.5	151943.9	-5541.4	6306	10.3	153144.8	-5518.7
6127	10.8	150900.6	-5512.2	6217	10.3	151948.8	-5527.2	6307	10.3	153152.4	-5536.7
6128	10.5	150911.7	-5558.0	6218	11.0	151951.9	-5546.3	6308	8.7	153158.2	-5541.0
6129	11.5	150911.7	-5559.0	6219	10.3	151952.4	-5525.4	6309	10.5	153158.8	-5516.7
6130	11.5	150914.6	-5542.0	6220	9.2	152000.3	-5533.8	6310	9.8	153229.3	-5506.7
6131	10.3	150916.6	-5549.0	6221	8.6	152015.9	-5555.3	6311	10.8	153303.6	-5557.7
6132	10.8	150919.8	-5527.2	6222	11.3	152016.3	-5547.3	6312	11.3	153307.5	-5544.7
6133	9.1	150924.5	-5534.2	6223	10.0	152042.9	-5530.4	6313	10.5	153308.0	-5533.7
6134	11.0	150931.7	-5533.2	6224	10.5	152050.6	-5557.3	6314	10.8	153308.5	-5546.7
6135	10.8	150941.8	-5532.2	6225	10.5	152051.3	-5522.4	6315	9.7	153317.0	-5526.7
6136	10.5	150951.2	-5536.3	6226	10.0	152056.3	-5530.4	6316	7.5	153346.5	-5545.7
6137	8.6	150951.3	-5504.3	6227	10.5	152059.9	-5556.3	6317	10.8	153402.0	-5518.7
6138	10.3	150957.7	-5524.3	6228	11.0	152102.8	-5548.3	6318	11.3	153403.0	-5551.7
6139	9.6	150957.7	-5552.0	6229	10.8	152111.2	-5544.8	6319	10.0	153403.0	-5512.7
6140	10.0	151003.4	-5512.3	6230	11.0	152129.4	-5556.3	6320	10.0	153407.0	-5504.7
6141	10.3	151007.8	-5508.3	6231	9.6	152133.2	-5557.3	6321	11.0	153424.8	-5549.7
6142	10.3	151007.9	-5520.3	6232	8.4	152150.6	-5530.5	6322	7.2	153429.8	-5545.7
6143	9.2	151022.7	-5500.3	6233	10.5	152151.9	-5531.5	6323	9.6	153434.9	-5502.7
6144	10.0	151025.2	-5531.3	6234	11.3	152152.1	-5559.4	6324	10.3	153436.2	-5506.7
6145	10.3	151042.8	-5511.3	6235	9.8	152153.6	-5516.5	6325	10.8	153448.3	-5547.7
6146	9.8	151042.9	-5520.3	6236	9.9	152158.3	-5509.5	6326	10.5	153452.5	-5506.7
6147	11.0	151043.6	-5501.3	6237	11.5	152208.7	-5535.8	6327	8.5	153507.0	-5506.7
6148	9.4	151049.9	-5542.1	6238	9.4	152213.7	-5543.9	6328	10.0	153514.1	-5510.7
6149	10.0	151050.0	-5543.1	6239	8.5	152217.1	-5534.5	6329	9.6	153519.5	-5522.7
6150	11.3	151051.2	-5557.1	6240	9.4	152217.2	-5559.4	6330	9.9	153520.3	-5540.2
6331	10.5	153535.0	-5518.7								
6332	8.7	153548.3	-5536.7								
6333	10.3	153553.1	-5522.7								
6334	8.0	153554.4	-5534.2								
6335	10.5	153609.7	-5544.8								
6336	10.3	153611.8	-5544.8								
6337	10.5	153628.3	-5519.7								
6338	10.5	153628.4	-5549.8								
6339	11.0	153639.9	-5553.8								
6340	11.0	153652.9	-5553.8								
6341	9.7	153706.1	-5512.8								
6342	10.5	153708.5	-5559.8								
6343	10.3	153709.1	-5500.8								
6344	10.5	153709.4	-5553.8								
6345	10.5	153727.7	-5500.8								
6346	11.0	153731.4	-5548.8								
6347	11.0	153732.4	-5553.8								
6348	10.5	153746.0	-5559.8								
6349	9.3	153751.8	-5540.3								
6350	11.0	153752.8	-5523.8								
6351	8.6	153756.3	-5528.8								
6352	11.0	153757.3	-5529.8								
6353	10.8	153803.4	-5551.8								
6354	10.5	153805.6	-5539.3								
6355	11.0	153820.7	-5552.8								
6356	10.3	153833.2	-5535.3								
6357	10.5	153833.9	-5524.8								
6358	9.8	153835.5	-5559.8								
6359	10.0	153838.9	-5554.8								
6360	10.0	153843.3	-5511.8								
6361	10.8	153847.9	-5501.8								
6362	9.7	153910.6	-5543.9								
6363	11.0	153931.2	-5541.9								
6364	9.0	153939.1	-5511.9								
6365	10.0	153949.2	-5502.9								
6366	10.8	154010.2	-5559.9								
6367	8.9	154018.5	-5531.9								
6368	10.0	154020.9	-5523.9								
6369	11.0	154028.7	-5549.9								
6370	10.8	154030.6	-5524.9								
6371	11.5	154043.8	-5548.9								
6372	10.3	154050.9	-5504.9								
6373	10.5	154051.4	-5528.9								
6374	10.3	154103.7	-5556.4								
6375	11.5	154131.7	-5549.9								
6376	10.8	154132.2	-5551.9								
6377	10.8	154141.2	-5528.8								
6378	11.0	154144.4	-5500.0								
6379	11.0	154145.5	-5503.0								
6380	10.0	154149.4	-5516.0								
6381	10.8	154155.6	-5535.0								
6382	10.8	154155.9	-5541.9								
6383	10.5	154207.8	-5500.8								
6384	11.0	154210.4	-5553.9								
6385	9.0	154210.5	-5558.9								
6386	10.0	154211.6	-5517.8								
6387	10.5	154221.1	-5511.8								
6388	10.3	154240.1	-5518.8								
6389	8.3	154248.5	-5510.8								
6390	11.0	154301.7	-5541.0								
6391	11.0	154304.7	-5525.8								
6392	11.0	154304.9	-5538.9								
6393	10.5	154306.6	-5514.8								
6394	10.5	154313.6	-5517.9								
6395	10.3	154317.3	-5502.9								
6396	10.5	154322.6	-5510.9								
6397	10.5	154331.7	-5527.9								
6398	11.0	154331.9	-5552.5								
6399	10.8	154344.6	-5504.9								
6400	8.3	154400.5	-5553.5								
6401	11.0	154407.3	-5514.9								
6402	10.0	154408.0	-5530.9								
6403	10.0	154409.8	-5543.0								
6404	9.6	154416.6	-5534.4								
6405	10.5	154417.9	-5522.9								
6406	11.0	154431.8	-5514.9								
6407	10.5	154432.8	-5544.0								
6408	11.0	154445.2	-5512.9								
6409	8.9	154449.4	-5553.0								
6410	10.8	154452.9	-5550.0								
6411	10.5	154459.3	-5543.0								
6412	11.0	154500.2	-5531.9								
6413	10.3	154501.8	-5512.9								
6414	11.0	154508.7	-5538.9								
6415	10.8	154509.0	-5505.9								
6416	11.0	154514.7	-5529.9								
6417	11.0	154518.3	-5506.9								
6418	11.0	154534.3	-5516.9								
6419	9.6	154539.4	-5547.0								
6420	9.5	154543.4	-5522.9								

-55 6421 15h45m

-55 6780 16h24m

6421	11.0	154550.8	-5518.9	6511	10.5	155432.5	-5503.0	6601	10.5	160409.9	-5501.0
6422	10.5	154555.0	-5500.9	6512	11.0	155439.7	-5518.0	6602	9.6	160415.6	-5501.0
6423	11.0	154555.9	-5529.9	6513	9.4	155449.5	-5500.0	6603	9.0	160418.0	-5557.3
6424	11.0	154600.7	-5525.9	6514	9.8	155452.0	-5505.0	6604	10.5	160434.8	-5529.0
6425	10.8	154610.8	-5515.9	6515	10.8	155500.2	-5526.0	6605	8.5	160437.5	-5506.0
6426	11.0	154614.9	-5550.1	6516	10.0	155503.3	-5518.0	6606	10.8	160446.0	-5546.3
6427	10.5	154621.4	-5527.9	6517	11.0	155504.2	-5526.0	6607	10.3	160453.2	-5506.0
6428	10.5	154621.9	-5528.9	6518	10.0	155514.6	-5553.4	6608	9.6	160454.8	-5528.0
6429	10.0	154625.0	-5504.9	6519	11.0	155514.7	-5514.0	6609	11.0	160454.9	-5509.0
6430	10.5	154630.4	-5552.1	6520	11.0	155515.5	-5504.0	6610	8.6	160501.5	-5521.0
6431	11.0	154634.8	-5514.9	6521	7.7	155515.6	-5559.7	6611	11.0	160502.0	-5528.0
6432	10.8	154648.5	-5556.1	6522	11.0	155515.7	-5531.0	6612	8.7	160504.5	-5537.2
6433	10.3	154653.8	-5544.1	6523	9.9	155516.8	-5536.7	6613	10.8	160535.5	-5517.0
6434	10.5	154656.2	-5558.1	6524	8.0	155522.7	-5528.0	6614	10.8	160546.0	-5528.0
6435	11.0	154657.2	-5539.4	6525	10.8	155540.1	-5516.0	6615	9.8	160553.7	-5544.3
6436	8.3	154703.4	-5538.0	6526	10.5	155549.2	-5559.0	6616	10.3	160602.7	-5506.0
6437	10.8	154755.9	-5522.9	6527	11.0	155552.7	-5500.0	6617	10.3	160605.5	-5542.3
6438	9.1	154757.2	-5542.1	6528	9.0	155557.3	-5530.0	6618	9.9	160606.6	-5508.0
6439	11.0	154800.4	-5524.9	6529	11.0	155558.0	-5552.4	6619	10.5	160608.8	-5501.0
6440	10.8	154803.3	-5518.9	6530	10.8	155558.8	-5510.0	6620	10.5	160612.7	-5538.3
6441	8.8	154818.2	-5551.1	6531	9.8	155607.5	-5546.0	6621	9.8	160623.5	-5506.0
6442	9.8	154828.5	-5509.9	6532	10.8	155611.1	-5515.0	6622	9.7	160627.8	-5557.3
6443	10.5	154843.0	-5532.5	6533	8.5	155617.9	-5525.0	6623	10.8	160632.5	-5527.0
6444	11.0	154843.2	-5532.9	6534	10.8	155619.5	-5554.5	6624	9.5	160633.8	-5557.3
6445	10.8	154843.2	-5520.9	6535	10.0	155640.2	-5530.0	6625	10.5	160634.8	-5521.0
6446	11.0	154844.7	-5537.9	6536	11.0	155647.3	-5534.5	6626	10.5	160636.3	-5523.0
6447	10.5	154853.2	-5531.9	6537	11.3	155653.8	-5532.0	6627	10.5	160641.0	-5503.7
6448	10.8	154853.3	-5516.9	6538	8.9	155659.9	-5544.0	6628	11.0	160700.7	-5504.7
6449	9.8	154855.4	-5559.4	6539	9.2	155706.8	-5556.0	6629	10.5	160705.9	-5542.6
6450	10.5	154855.7	-5521.9	6540	9.8	155711.2	-5525.0	6630	9.6	160711.4	-5523.7
6451	10.5	154859.7	-5525.9	6541	10.0	155723.1	-5511.0	6631	10.5	160716.2	-5506.7
6452	10.8	154901.2	-5540.9	6542	6.7	155723.9	-5551.0	6632	10.0	160720.4	-5507.7
6453	10.0	154906.3	-5535.9	6543	9.9	155735.6	-5526.0	6633	11.0	160734.2	-5523.7
6454	10.0	154910.4	-5524.9	6544	10.3	155801.3	-5555.0	6634	11.0	160736.9	-5557.4
6455	10.5	154924.2	-5532.9	6545	8.7	155808.0	-5539.1	6635	10.0	160758.0	-5515.7
6456	10.8	154929.7	-5531.9	6546	9.6	155811.2	-5521.1	6636	9.6	160806.0	-5512.7
6457	9.7	154929.7	-5552.4	6547	10.8	155814.0	-5522.7	6637	9.2	160812.8	-5547.4
6458	10.8	154936.2	-5517.9	6548	9.0	155815.4	-5541.3	6638	10.5	160813.9	-5548.1
6459	10.0	154941.7	-5549.4	6549	9.6	155825.6	-5517.1	6639	10.0	160817.3	-5511.7
6460	10.5	154953.3	-5501.4	6550	11.5	155829.1	-5502.1	6640	10.3	160829.0	-5536.7
6461	10.8	154957.7	-5518.9	6551	9.9	155856.6	-5511.1	6641	10.5	160832.0	-5529.7
6462	10.8	154959.3	-5510.9	6552	6.6	155909.6	-5542.6	6642	10.3	160840.0	-5526.7
6463	10.8	154959.7	-5530.0	6553	9.9	155910.1	-5516.1	6643	10.5	160840.3	-5505.7
6464	11.0	155005.7	-5526.0	6554	9.5	155915.6	-5542.4	6644	10.5	160840.5	-5510.7
6465	11.3	155007.7	-5537.2	6555	8.5	155922.8	-5537.1	6645	9.5	160851.4	-5538.0
6466	11.0	155012.2	-5511.0	6556	10.0	155928.7	-5523.1	6646	10.8	160852.1	-5547.4
6467	11.0	155020.7	-5503.0	6557	10.3	155938.0	-5529.5	6647	10.8	160855.7	-5557.4
6468	9.4	155025.9	-5512.0	6558	9.8	155942.4	-5533.1	6648	10.8	160913.4	-5528.7
6469	10.3	155026.3	-5540.4	6559	10.8	160013.5	-5515.3	6649	10.0	160914.2	-5527.7
6470	10.8	155032.0	-5509.0	6560	10.8	160021.1	-5515.1	6650	9.1	160915.4	-5511.7
6471	10.5	155038.2	-5512.0	6561	10.8	160022.7	-5556.0	6651	9.5	160922.6	-5534.6
6472	10.8	155039.6	-5502.0	6562	9.9	160029.7	-5559.0	6652	9.6	160930.3	-5534.6
6473	10.8	155045.8	-5511.0	6563	10.3	160036.0	-5531.5	6653	9.4	160932.8	-5500.7
6474	11.0	155047.7	-5527.0	6564	7.8	160036.2	-5500.4	6654	10.5	160938.8	-5514.7
6475	10.5	155110.4	-5523.4	6565	10.5	160039.5	-5525.4	6655	9.9	160940.8	-5517.7
6476	8.3	155112.1	-5517.0	6566	10.5	160041.6	-5512.4	6656	10.5	160950.7	-5557.3
6477	12.0	155112.7	-5512.0	6567	7.4	160046.2	-5544.0	6657	9.9	160952.4	-5519.7
6478	10.3	155112.8	-5514.0	6568	10.0	160046.9	-5550.0	6658	10.5	161003.9	-5501.7
6479	11.0	155122.5	-5531.0	6569	8.9	160110.6	-5519.1	6659	9.8	161011.4	-5538.6
6480	11.0	155134.7	-5517.0	6570	8.4	160118.5	-5555.0	6660	10.5	161018.7	-5546.4
6481	11.0	155137.7	-5534.0	6571	10.0	160122.2	-5500.1	6661	9.6	161022.1	-5540.0
6482	10.8	155139.7	-5555.9	6572	11.5	160124.6	-5502.1	6662	10.8	161021.5	-5504.7
6483	10.0	155146.0	-5509.0	6573	11.0	160130.2	-5523.1	6663	10.5	161025.0	-5506.7
6484	8.5	155150.2	-5539.2	6574	11.0	160133.5	-5542.0	6664	9.3	161032.6	-5543.4
6485	10.5	155151.5	-5507.0	6575	9.9	160136.5	-5548.8	6665	10.8	161034.0	-5507.7
6486	11.0	155153.2	-5519.0	6576	10.8	160140.3	-5534.1	6666	10.8	161052.3	-5518.7
6487	11.0	155203.3	-5516.0	6577	11.0	160157.0	-5537.0	6667	11.0	161055.0	-5526.7
6488	11.0	155219.7	-5505.0	6578	10.5	160201.1	-5540.6	6668	11.0	161056.3	-5537.7
6489	11.0	155222.0	-5521.0	6579	9.7	160203.4	-5539.2	6669	10.0	161057.2	-5528.7
6490	11.0	155233.4	-5522.0	6580	8.5	160204.0	-5530.1	6670	10.8	161101.6	-5501.7
6491	11.3	155233.4	-5552.4	6581	10.0	160208.8	-5539.1	6671	11.5	161103.6	-5554.4
6492	11.0	155248.0	-5503.0	6582	12.0	160209.5	-5526.0	6672	9.7	161112.6	-5544.4
6493	11.0	155254.0	-5506.0	6583	11.5	160209.6	-5501.0	6673	9.6	161124.6	-5530.7
6494	11.0	155259.9	-5530.0	6584	10.5	160212.1	-5533.0	6674	10.5	161131.6	-5529.7
6495	11.0	155311.7	-5534.0	6585	11.0	160213.8	-5507.0	6675	10.5	161139.5	-5502.7
6496	11.0	155334.2	-5524.0	6586	11.0	160225.9	-5506.1	6676	7.1	161152.5	-5514.7
6497	11.0	155340.2	-5526.0	6587	9.5	160237.8	-5518.0	6677	10.5	161158.8	-5509.7
6498	10.0	155345.1	-5534.7	6588	10.5	160238.4	-5545.2	6678	10.0	161213.0	-5528.7
6499	10.3	155351.0	-5509.0	6589	11.5	160251.2	-5531.0	6679	10.5	161218.9	-5532.7
6500	11.5	155401.8	-5553.4	6590	10.8	160256.6	-5543.2	6680	8.7	161221.9	-5555.4
6501	11.5	155401.8	-5542.4	6591	10.5	160305.5	-5547.2	6681	10.0	161229.6	-5544.4
6502	11.0	155411.7	-5514.0	6592	11.0	160305.8	-5502.0	6682	10.5	161249.9	-5554.4
6503	10.8	155413.5	-5505.0	6593	11.3	160308.9	-5521.0	6683	11.0	161251.0	-5506.7
6504	9.3	155416.8	-5546.4	6594	11.5	160309.4	-5516.0	6684	10.3	161251.5	-5549.4
6505	10.5	155418.4	-5549.4	6595	10.0	160312.9	-5516.0	6685	10.0	161253.1	-5514.7
6506	11.0	155420.9	-5521.0	6596	6.0	160326.8	-5513.0	6686	9.7	161303.0	-5514.7
6507	10.5	155427.2	-5551.4	6597	11.5	160336.9	-5542.2	6687	11.0	161304.8	-5534.7
6508	11.0	155427.2	-5523.8	6598	10.8	160346.0	-5556.2	6688	10.5	161325.6	-5541.5
6509	10.8	155427.2	-5539.0	6599	8.4	160402.5	-5525.0	6689	11.0	161326.3	-5544.5
6510	11.0	155432.3	-5529.0	6600	10.5	160408.9	-5518.0	6690	10.8	161326.3	-5540.5
6691	10.8	161328.8	-5508.7								
6692	10.5	161348.0	-5524.7								
6693	8.0	161359.3	-5509.7								
6694	10.5	161403.5	-5504.7								
6695	10.3	161405.9	-5531.7								
6696	8.0	161409.8	-5545.5								
6697	10.3	161412.5	-5532.7								
6698	10.0	161418.6	-5503.7								
6699	10.8	161421.8	-5526.7								
6700	10.0	161433.4	-5556.5								
6701	10.8	161436.8	-5526.7								
6702	10.8	161438.7	-5522.7								
6703	10.5	161440.9	-5517.7								
6704	10.8	161441.6	-5508.7								
6705	10.3	161449.0	-5519.7								
6706	9.9	161453.2	-5547.5								
6707	10.5	161453.7	-5516.7								
6708	10.3	161455.8	-5519.7								
6709	10.0	161504.0	-5546.5								
6710	11.0	161508.8	-5506.7								
6711	10.8	161528.0	-5536.7								
6712	10.8	161546.0	-5508.7								
6713	10.8	161550.0	-5508.7								
6714	9.4	161556.9	-5518.7								
6715	10.3	161602.5	-5528.7								
6716	10.0	161603.2	-5522.7								
6717	10.8	161606.9	-5508.7								
6718	8.3	161609.6	-5531.7								
6719	10.5	161629.0	-5542.5								
6720	11.0	161639.2	-5551.5								
6721	11.0	161655.7	-5534.7								
6722	10.8	161657.7	-5523.7								
6723	10.3	161701.0	-5535.8								
6724	9.8	161709.2	-5552.6								
6725	10.8	161714.5	-5510.7								
6726	10.5	161714.9	-5506.7								
6727	9.8	161717.0	-5558.6								
6728	10.0	161740.2	-5520.7								
6729	9.6	161749.3	-5513.7								
6730	9.1	161754.8	-5551.6								
6731	9.9	161800.8	-5553.6								
6732	9.8	161809.4	-5507.7								
6733	10.0	161814.9	-5508.7								
6734	10.8	161816.3	-5524.7								
6735	8.8	161821.4	-5537.7								
6736	9.5	161841.4	-5503.7								
6737	9.5	161845.4	-5520.7								
6738	10.0	161856.5	-5533.7								
6739	10.8	161858.0	-5519.7								
6740	10.8	161900.5	-5516.7								
6741	9.0	161901.6	-5513.7								
6742	11.0	161939.9	-5525.7								
6743	9.6	161945.4	-5518.7								
6744	10.8	161957.4	-5538.7								
6745	9.1	162001.4	-5513.7								
6746	10.0	162022.9	-5524.7								
6747	10.3	162032.2	-5506.7								
6748	10.5	162059.9	-5552.7								
6749	10.5	162103.6	-5552.7								
6750	7.9	162114.2	-5539.7								
6751	10.3	162123.6	-5509.7								
6752	9.6	162125.1	-5500.7								
6753	9.1	162136.9	-5522.7								
6754	9.8	162142.7	-5514.7								
6755	11.0	162157.2	-5501.7								
6756	10.8	162202.3	-5544.7								
6757	11.0	162202.5	-5513.7								
6758	10.0	162206.6	-5508.7								
6759	10.0	162207.3	-5551.7								
6760	10.8	162211.4	-5532.7								
6761	10.5	162214.2	-5516.7								
6762	10.5	162227.2	-5511.7								
6763	10.3	162229.2	-5525.7								
6764	9.4	162234.0	-5533.7								
6765	11.0	162246.2	-5520.7								
6766	10.0	162251.7	-5531.7								
6767	8.8	162256.4	-5539.7								
6768	10.8	162309.8	-5529.7								
6769	10.5	162312.0	-5503.7								
6770	10.5	162317.6	-5533.7								
6771	10.8	162319.0	-5523.7								
6772	10.8	162324.3	-5518.7								
6773	10.5	162343.2	-5557.8								
6774	11.0	162400.8	-5510.7								
6775	9.9	162404.0	-5527.7								
6776	10.5	162406.3	-5507.7								
6777	10.3	162411.9	-5515.7								
6778	11.0	162415.9	-5538.8								
6779	9.8	162421.2	-5534.7								
6780	10.5	162422.2	-5549.8								

-55 6781 16h24m

-55 7140 17h12m

6781	10.0	162437.1	-5517.7	6871	9.4	163329.4	-5512.7	6961	10.0	164646.5	-5507.8	7051	9.8	165855.0	-5540.0
6782	9.8	162439.9	-5519.7	6872	10.3	163332.2	-5529.7	6962	10.0	164654.1	-5528.8	7052	9.6	165858.5	-5545.8
6783	10.0	162440.4	-5523.7	6873	10.5	163334.4	-5528.7	6963	8.8	164715.0	-5538.6	7053	10.0	165904.7	-5530.1
6784	10.5	162443.0	-5516.7	6874	10.5	163339.2	-5556.0	6964	11.0	164716.6	-5533.8	7054	10.0	165911.9	-5547.8
6785	10.5	162443.9	-5517.7	6875	10.0	163348.6	-5531.7	6965	9.7	164718.0	-5515.8	7055	9.6	165917.2	-5536.1
6786	11.0	162450.9	-5527.7	6876	9.5	163349.8	-5550.4	6966	10.0	164719.6	-5506.8	7056	9.7	165919.3	-5534.1
6787	9.6	162452.2	-5557.8	6877	10.5	163404.4	-5544.0	6967	10.0	164728.8	-5506.2	7057	9.5	165925.2	-5529.1
6788	8.8	162453.0	-5530.7	6878	10.0	163405.8	-5536.0	6968	10.0	164735.0	-5529.8	7058	9.9	165927.3	-5506.1
6789	10.8	162456.9	-5504.7	6879	10.3	163406.4	-5529.7	6969	10.0	164739.2	-5514.8	7059	10.0	165927.6	-5546.8
6790	11.0	162502.0	-5523.7	6880	10.5	163423.0	-5556.0	6970	10.5	164742.4	-5554.4	7060	10.0	165930.4	-5532.1
6791	9.0	162522.5	-5517.7	6881	9.3	163426.4	-5557.0	6971	10.0	164744.3	-5508.8	7061	9.6	165939.6	-5512.1
6792	10.8	162539.6	-5555.8	6882	10.0	163427.3	-5510.4	6972	9.8	164748.9	-5554.4	7062	10.0	165950.2	-5558.8
6793	8.1	162539.8	-5551.7	6883	10.0	163431.2	-5501.4	6973	8.8	164812.8	-5550.4	7063	8.8	170012.8	-5555.8
6794	10.0	162547.3	-5531.7	6884	10.3	163432.2	-5516.4	6974	10.0	164815.2	-5520.8	7064	9.7	170014.8	-5534.1
6795	11.0	162547.9	-5524.7	6885	10.5	163444.7	-5518.4	6975	3.5	164817.0	-5547.6	7065	10.0	170023.7	-5530.1
6796	10.5	162556.5	-5507.7	6886	7.5	163449.2	-5528.4	6976	10.0	164818.2	-5526.8	7066	9.6	170057.5	-5544.9
6797	10.8	162558.0	-5550.5	6887	9.4	163454.3	-5500.4	6977	9.9	164819.9	-5555.4	7067	10.3	170102.4	-5559.9
6798	10.8	162600.0	-5551.9	6888	10.0	163523.1	-5545.1	6978	9.9	164828.6	-5510.8	7068	10.0	170109.8	-5540.1
6799	9.3	162608.7	-5517.7	6889	9.8	163539.8	-5551.1	6979	10.0	164829.2	-5527.8	7069	9.9	170120.6	-5514.1
6800	9.7	162612.6	-5504.7	6890	10.3	163541.1	-5504.4	6980	9.9	164840.8	-5502.8	7070	8.0	170130.8	-5528.1
6R01	9.9	162626.4	-5541.9	6891	10.0	163543.6	-5505.4	6981	10.0	164850.7	-5545.4	7071	10.0	170145.9	-5559.0
6802	11.0	162629.1	-5524.7	6892	10.3	163548.2	-5537.2	6982	10.0	164854.3	-5533.8	7072	10.5	170145.9	-5539.0
6803	8.5	162639.6	-5539.8	6893	10.3	163614.3	-5520.4	6983	10.0	164855.7	-5555.4	7073	9.4	170156.8	-5504.2
6804	10.0	162647.5	-5550.2	6894	10.3	163653.6	-5557.1	6984	10.3	164911.5	-5547.4	7074	9.0	170201.1	-5514.2
6805	9.6	162703.2	-5517.7	6895	10.5	163656.7	-5517.4	6985	9.8	164911.5	-5556.4	7075	10.5	170210.2	-5550.0
6806	10.3	162709.5	-5521.7	6896	10.5	163709.8	-5500.4	6986	9.4	164913.7	-5523.8	7076	10.0	170222.3	-5535.2
6807	10.0	162710.8	-5522.7	6897	9.4	163711.6	-5503.4	6987	9.1	164930.1	-5532.8	7077	9.3	170234.4	-5533.2
6808	9.7	162714.9	-5517.7	6898	9.0	163717.5	-5519.4	6988	10.0	164937.9	-5519.8	7078	10.5	170246.0	-5552.0
6809	10.3	162716.9	-5534.7	6899	10.0	163719.8	-5535.4	6989	9.3	164952.8	-5505.8	7079	9.5	170249.8	-5527.2
6810	10.3	162716.9	-5556.9	6900	10.5	163726.5	-5514.4	6990	10.0	165023.2	-5527.9	7080	8.8	170252.1	-5514.2
6811	10.5	162717.5	-5535.0	6901	10.0	163726.5	-5515.4	6991	10.3	165026.6	-5556.5	7081	9.6	170252.6	-5549.0
6812	9.8	162721.6	-5531.7	6902	10.3	163738.0	-5529.4	6992	10.0	165051.8	-5532.9	7082	9.5	170253.2	-5523.2
6813	8.4	162733.2	-5511.7	6903	10.5	163745.8	-5544.1	6993	10.0	165054.6	-5515.9	7083	11.0	170300.3	-5545.0
6814	9.0	162733.2	-5500.7	6904	10.5	163749.3	-5545.1	6994	9.6	165104.8	-5555.5	7084	9.2	170305.6	-5511.2
6815	10.0	162736.3	-5536.9	6905	10.0	163801.2	-5504.4	6995	10.0	165108.0	-5546.0	7085	10.0	170309.3	-5542.0
6816	9.6	162743.2	-5503.7	6906	10.3	163803.5	-5505.4	6996	9.6	165109.0	-5541.9	7086	10.0	170310.5	-5540.0
6817	10.3	162744.7	-5520.7	6907	9.8	163826.8	-5504.4	6997	10.3	165129.5	-5554.0	7087	9.7	170331.0	-5547.1
6818	10.5	162748.7	-5511.7	6908	10.0	163827.9	-5553.1	6998	9.2	165133.1	-5516.4	7088	9.6	170333.6	-5549.1
6819	10.0	162749.8	-5550.9	6909	8.6	163829.4	-5511.4	6999	9.9	165143.2	-5529.9	7089	10.0	170335.0	-5542.1
6820	9.6	162751.8	-5506.7	6910	8.3	163830.5	-5512.4	7000	10.5	165147.6	-5536.0	7090	9.8	170340.9	-5558.1
6821	9.5	162804.8	-5559.9	6911	9.6	163900.2	-5517.4	7001	9.3	165156.7	-5543.5	7091	8.6	170407.2	-5551.1
6822	9.6	162805.5	-5531.7	6912	10.3	163928.3	-5556.2	7002	10.3	165200.0	-5555.5	7092	11.0	170412.4	-5550.1
6823	9.9	162805.8	-5544.9	6913	10.0	163931.4	-5521.4	7003	10.0	165217.3	-5537.9	7093	10.0	170413.8	-5501.6
6824	9.8	162826.6	-5537.9	6914	10.0	163937.4	-5517.4	7004	10.0	165231.8	-5535.9	7094	10.5	170430.9	-5549.1
6825	10.3	162837.8	-5524.7	6915	9.0	164014.7	-5538.3	7005	10.0	165235.7	-5520.9	7095	9.6	170438.6	-5513.2
6826	10.5	162843.3	-5536.7	6916	10.0	164016.8	-5520.4	7006	9.8	165240.2	-5543.5	7096	9.5	170535.5	-5558.2
6827	10.3	162846.0	-5529.7	6917	10.0	164020.1	-5534.4	7007	9.9	165242.2	-5528.9	7097	11.0	170537.6	-5553.2
6828	9.7	162849.6	-5517.7	6918	9.6	164023.9	-5518.4	7008	10.0	165255.8	-5532.9	7098	10.5	170543.4	-5547.2
6829	10.5	162850.6	-5559.9	6919	9.8	164031.4	-5542.5	7009	9.8	165303.3	-5537.8	7099	10.0	170544.6	-5548.2
6830	10.0	162851.8	-5540.7	6920	9.6	164032.2	-5523.4	7010	9.5	165304.5	-5502.9	7100	9.9	170556.7	-5528.3
6831	8.4	162854.8	-5558.9	6921	9.5	164127.8	-5549.2	7011	10.0	165310.8	-5506.9	7101	10.0	170557.8	-5501.3
6832	10.3	162905.0	-5513.7	6922	9.0	164131.0	-5520.4	7012	9.8	165337.5	-5547.8	7102	10.0	170604.9	-5544.2
6833	10.0	162909.6	-5511.7	6923	10.3	164150.6	-5530.4	7013	10.0	165347.6	-5511.9	7103	10.0	170608.6	-5550.2
6834	10.0	162915.4	-5539.9	6924	10.0	164159.4	-5559.3	7014	9.9	165352.3	-5534.9	7104	9.3	170612.0	-5521.3
6835	10.3	162929.6	-5511.7	6925	10.0	164200.1	-5516.4	7015	10.0	165358.3	-5506.9	7105	10.0	170614.3	-5554.2
6836	10.5	162931.3	-5530.7	6926	10.0	164201.4	-5557.3	7016	8.2	165402.4	-5523.9	7106	8.7	170615.2	-5510.3
6837	9.8	162938.7	-5505.7	6927	9.4	164211.6	-5524.4	7017	9.7	165402.7	-5528.9	7107	10.5	170630.0	-5541.2
6838	9.8	162942.1	-5516.7	6928	9.7	164220.6	-5508.4	7018	9.9	165409.4	-5545.6	7108	10.0	170650.6	-5517.3
6839	10.0	162947.4	-5533.7	6929	8.7	164228.6	-5540.3	7019	10.0	165415.3	-5509.0	7109	10.0	170656.8	-5555.2
6840	10.3	162949.4	-5547.9	6930	9.4	164244.6	-5536.3	7020	10.0	165419.2	-5500.0	7110	10.5	170700.2	-5554.2
6841	10.0	163001.0	-5508.7	6931	10.3	164246.9	-5536.4	7021	10.0	165422.6	-5514.0	7111	9.8	170732.1	-5512.3
6842	10.3	163001.7	-5513.7	6932	9.4	164303.3	-5551.3	7022	10.0	165429.7	-5540.0	7112	10.0	170741.2	-5531.3
6843	10.0	163024.5	-5508.7	6933	10.0	164305.6	-5516.4	7023	9.9	165436.1	-5514.0	7113	9.7	170801.8	-5540.3
6844	9.6	163027.0	-5529.7	6934	10.0	164307.5	-5527.4	7024	8.5	165453.4	-5557.6	7114	9.3	170826.4	-5530.3
6845	9.0	163029.8	-5528.2	6935	9.8	164323.2	-5536.3	7025	9.8	165454.3	-5510.0	7115	10.0	170834.7	-5530.0
6846	8.5	163030.3	-5559.9	6936	10.5	164353.4	-5544.3	7026	10.0	165507.6	-5511.0	7116	10.5	170843.0	-5559.3
6847	10.0	163036.5	-5517.7	6937	10.0	164356.3	-5543.3	7027	9.3	165512.7	-5506.0	7117	11.0	170843.0	-5542.3
6848	10.3	163040.2	-5516.7	6938	10.0	164401.1	-5508.7	7028	8.2	165530.8	-5543.9	7118	11.0	170843.0	-5545.3
6849	10.3	163105.5	-5539.0	6939	9.2	164407.6	-5529.4	7029	9.8	165548.7	-5535.0	7119	9.1	170845.6	-5501.3
6850	8.5	163112.1	-5502.7	6940	10.8	164409.2	-5555.3	7030	10.0	165553.8	-5506.0	7120	9.9	170851.2	-5530.3
6851	9.6	163124.9	-5507.7	6941	9.9	164423.6	-5522.7	7031	10.0	165603.3	-5502.0	7121	10.5	170857.6	-5537.3
6852	9.6	163127.9	-5501.7	6942	9.8	164426.2	-5501.7	7032	10.0	165612.8	-5506.0	7122	9.7	170904.8	-5533.3
6853	9.7	163134.8	-5514.7	6943	10.0	164426.2	-5523.9	7033	8.5	165616.6	-5530.0	7123	9.7	170910.2	-5556.3
6854	10.0	163146.0	-5509.7	6944	10.0	164428.2	-5517.7	7034	9.2	165628.3	-5533.0	7124	10.0	170910.6	-5519.3
6855	9.7	163148.5	-5511.7	6945	7.3	164440.3	-5550.3	7035	10.5	165629.6	-5553.7	7125	8.5	170911.6	-5545.3
6856	10.0	163148.8	-5524.7	6946	10.0	164443.2	-5542.3	7036	10.0	165631.6	-5555.7	7126	9.7	170928.6	-5559.3
6857	10.0	163152.4	-5519.7	6947	9.4	164450.3	-5528.7	7037	8.6	165637.0	-5551.2	7127	10.0	170936.6	-5515.3
6858	8.2	163202.9	-5518.7	6948	10.0	164457.7	-5524.7	7038	10.0	165658.8	-5537.0	7128	10.0	170954.7	-5546.4
6859	8.6	163211.1	-5507.7	6949	9.9	164518.2	-5541.3	7039	10.0	165701.2	-5500.4	7129	10.3	170957.0	-5541.4
6860	8.0	163217.0	-5535.4	6950	10.3	164519.2	-5537.0	7040	8.8	165705.4	-5532.0	7130	10.0	171010.0	-5502.4
6861	9.7	163225.0	-5519.7	6951	9.7	164529.7	-5555.3	7041	10.0	165727.7	-5529.0	7131	11.0	171017.8	-5552.4
6862	10.5	163226.9	-5514.7	6952	10.3	164529.7	-5558.3	7042	9.3	165734.5	-5530.0	7132	11.0	171027.4	-5558.4
6863	10.8	163235.4	-5524.7	6953	9.2	164531.2	-5508.7	7043	10.5	165746.1	-5537.6	7133	9.0	171037.9	-5557.4
6864	10.3	163239.7	-5544.0	6954	9.9	164540.2	-5531.7	7044	9.6	165754.8	-5555.6	7134	9.5	171110.6	-5537.4
6865	9.2	163244.6	-5556.0	6955	10.0	164545.8	-5510.7	7045	10.0	165800.3	-5507.1	7135	10.0	171116.3	-5528.4
6866	10.3	163244.8	-5523.7	6956	9.9	164622.5	-5518.8	7046	9.7	165813.9	-5513.1	7136	8.7	171118.0	-5501.4
6867	10.8	163301.1	-5548.0	6957	9.9	164623.2	-5506.8	7047	10.0	165815.8	-5507.1	7137	9.3	171205.9	-5502.4
6868	9.2	163304.9	-5549.0	6958	9.9	164623.2	-5534.8	7048	9.4	165821.7	-5520.1	7138	10.0	171208.4	-5558.5
6869	10.0	163305.8	-5533.7	6959	10.0	164633.8	-5557.4	7049	9.1	165827.5	-5519.1	7139	10.3	171211.9	-5557.5
6870	10.3	163328.0	-5500.7	6960	9.1	164636.7	-5503.8	7050	10.0	165853.8	-5537.1	7140	9.8	171214.8	-5559.5

-55 7141 17h12m

-55 7500 17h49m

7141	9.6	171226.1	-5545.5	7231	10.0	172006.0	-5547.9	7321	11.0	172931.7	-5555.4
7142	10.0	171232.7	-5530.4	7232	9.6	172007.6	-5534.0	7322	10.0	172951.6	-5528.9
7143	8.6	171239.7	-5530.4	7233	9.5	172012.4	-5537.8	7323	9.7	172952.7	-5530.9
7144	9.9	171254.6	-5513.4	7234	10.3	172018.1	-5558.9	7324	10.0	173015.2	-5520.9
7145	11.0	171301.6	-5555.5	7235	9.7	172020.8	-5504.7	7325	9.8	173019.9	-5521.9
7146	10.0	171305.3	-5531.4	7236	10.5	172030.3	-5521.7	7326	9.7	173024.3	-5553.4
7147	9.8	171309.0	-5536.4	7237	10.5	172034.7	-5530.7	7327	9.7	173038.2	-5501.9
7148	9.9	171314.1	-5512.4	7238	10.5	172038.4	-5523.7	7328	10.3	173042.7	-5504.9
7149	9.4	171323.9	-5500.4	7239	11.0	172039.6	-5547.9	7329	10.0	173046.4	-5513.9
7150	10.0	171324.3	-5510.9	7240	9.3	172043.4	-5538.3	7330	10.0	173049.3	-5521.9
7151	8.7	171336.4	-5526.5	7241	10.0	172051.6	-5531.7	7331	10.0	173054.8	-5517.9
7152	10.5	171341.2	-5557.6	7242	10.5	172101.0	-5518.7	7332	11.0	173108.6	-5543.4
7153	10.0	171343.6	-5555.6	7243	10.5	172119.8	-5514.7	7333	9.7	173110.2	-5551.4
7154	9.7	171344.1	-5513.5	7244	9.7	172126.9	-5520.7	7334	10.0	173111.4	-5509.9
7155	10.0	171349.3	-5510.5	7245	10.5	172133.0	-5509.7	7335	10.5	173119.5	-5540.6
7156	9.7	171356.1	-5512.5	7246	10.5	172139.2	-5502.7	7336	9.7	173140.3	-5536.9
7157	9.8	171400.1	-5512.5	7247	11.0	172147.7	-5543.0	7337	8.5	173144.1	-5551.4
7158	10.0	171422.1	-5510.5	7248	10.3	172150.2	-5509.7	7338	10.3	173150.8	-5500.9
7159	11.0	171430.3	-5539.6	7249	10.5	172153.2	-5534.7	7339	10.5	173155.7	-5518.9
7160	10.0	171430.6	-5513.5	7250	10.5	172154.0	-5542.0	7340	10.5	173159.7	-5511.9
7161	10.0	171431.6	-5511.5	7251	9.0	172157.1	-5530.7	7341	10.3	173203.0	-5559.5
7162	10.0	171432.9	-5536.5	7252	10.5	172216.1	-5539.8	7342	9.8	173218.2	-5503.9
7163	9.7	171439.3	-5547.6	7253	10.5	172224.0	-5514.7	7343	9.2	173221.2	-5521.9
7164	9.6	171439.5	-5537.5	7254	9.7	172228.6	-5530.7	7344	7.4	173227.3	-5533.9
7165	9.0	171450.8	-5552.6	7255	9.7	172245.0	-5512.7	7345	10.0	173236.7	-5518.9
7166	3.0	171454.9	-5524.5	7256	9.7	172245.7	-5500.7	7346	10.3	173246.4	-5537.2
7167	9.4	171459.8	-5557.6	7257	10.0	172251.5	-5547.0	7347	10.5	173247.8	-5534.0
7168	10.0	171511.7	-5505.6	7258	10.5	172308.0	-5500.8	7348	10.5	173250.0	-5531.0
7169	10.3	171519.4	-5536.6	7259	9.4	172312.2	-5522.8	7349	10.0	173251.2	-5548.5
7170	10.5	171528.0	-5510.6	7260	9.7	172323.8	-5553.0	7350	10.5	173300.2	-5502.0
7171	10.3	171529.8	-5513.6	7261	9.6	172327.0	-5516.8	7351	9.7	173305.3	-5533.0
7172	9.6	171533.7	-5554.6	7262	10.0	172328.8	-5527.8	7352	9.8	173330.0	-5523.0
7173	10.5	171546.4	-5509.6	7263	9.8	172337.4	-5520.8	7353	8.5	173336.7	-5525.0
7174	9.7	171557.2	-5506.6	7264	9.6	172341.5	-5504.8	7354	10.3	173340.9	-5505.0
7175	10.0	171601.1	-5500.6	7265	11.0	172357.8	-5539.1	7355	9.8	173349.9	-5501.0
7176	9.7	171613.6	-5528.6	7266	10.5	172405.5	-5541.1	7356	10.0	173356.2	-5553.6
7177	10.5	171616.1	-5508.6	7267	7.9	172410.1	-5504.8	7357	10.0	173402.8	-5517.0
7178	11.0	171620.4	-5540.7	7268	10.5	172412.7	-5555.1	7358	10.5	173412.1	-5518.0
7179	9.7	171621.8	-5535.6	7269	9.8	172417.9	-5520.8	7359	9.1	173417.9	-5537.8
7180	10.5	171623.2	-5526.6	7270	9.5	172418.4	-5545.1	7360	10.0	173423.1	-5508.0
7181	9.4	171625.1	-5513.6	7271	10.3	172424.0	-5545.1	7361	9.5	173432.2	-5525.0
7182	10.5	171626.2	-5540.7	7272	10.0	172434.8	-5515.8	7362	10.3	173439.8	-5540.8
7183	9.8	171627.2	-5549.7	7273	10.5	172452.0	-5536.8	7363	10.5	173454.3	-5535.0
7184	9.8	171627.6	-5501.6	7274	10.3	172453.1	-5529.8	7364	9.8	173456.8	-5555.6
7185	10.0	171630.3	-5550.7	7275	8.6	172502.8	-5540.4	7365	9.7	173505.0	-5534.0
7186	10.5	171633.9	-5514.6	7276	10.5	172518.5	-5511.8	7366	10.0	173505.2	-5513.0
7187	10.5	171646.2	-5524.6	7277	10.3	172518.9	-5512.8	7367	9.5	173512.9	-5502.0
7188	10.5	171652.0	-5509.6	7278	10.5	172524.8	-5555.1	7368	10.0	173516.0	-5516.0
7189	10.3	171653.1	-5544.7	7279	10.0	172532.0	-5553.2	7369	9.6	173519.2	-5559.6
7190	10.5	171657.2	-5536.6	7280	9.8	172533.5	-5521.8	7370	10.0	173531.9	-5504.0
7191	10.0	171715.7	-5540.2	7281	10.0	172537.2	-5558.2	7371	10.5	173532.7	-5546.6
7192	10.0	171719.7	-5541.7	7282	9.2	172542.9	-5532.4	7372	10.3	173533.1	-5503.0
7193	9.8	171720.6	-5504.6	7283	9.6	172545.1	-5532.8	7373	10.5	173557.5	-5519.0
7194	10.5	171726.6	-5500.6	7284	9.8	172553.3	-5518.8	7374	10.0	173557.9	-5554.7
7195	10.5	171728.8	-5535.6	7285	10.5	172558.5	-5504.8	7375	8.4	173601.3	-5545.7
7196	10.0	171733.7	-5547.8	7286	10.5	172600.0	-5546.2	7376	10.5	173614.0	-5502.0
7197	9.7	171737.7	-5545.8	7287	10.0	172604.5	-5552.2	7377	10.3	173618.8	-5504.0
7198	10.0	171741.6	-5531.6	7288	10.5	172605.8	-5548.2	7378	9.5	173621.3	-5558.7
7199	10.0	171750.2	-5507.6	7289	9.7	172617.7	-5518.8	7379	9.6	173626.0	-5535.0
7200	10.0	171752.6	-5550.8	7290	10.5	172619.8	-5537.8	7380	9.4	173626.4	-5533.0
7201	10.5	171753.8	-5510.6	7291	9.6	172627.2	-5546.2	7381	10.0	173635.6	-5527.0
7202	10.3	171758.8	-5543.8	7292	7.8	172635.6	-5502.8	7382	10.0	173636.7	-5532.0
7203	9.6	171813.0	-5513.6	7293	11.0	172638.1	-5556.2	7383	10.0	173637.7	-5502.0
7204	9.6	171816.1	-5557.8	7294	10.0	172642.0	-5549.2	7384	10.0	173649.9	-5500.0
7205	6.0	171818.8	-5503.6	7295	9.8	172642.5	-5516.8	7385	10.5	173651.2	-5557.7
7206	10.0	171820.7	-5550.8	7296	9.8	172711.5	-5547.2	7386	9.6	173655.9	-5523.0
7207	10.0	171822.6	-5533.6	7297	9.8	172711.9	-5537.8	7387	9.8	173702.4	-5523.0
7208	10.0	171829.2	-5516.6	7298	10.3	172716.4	-5534.8	7388	9.2	173711.7	-5543.7
7209	9.5	171831.2	-5542.8	7299	9.7	172718.8	-5536.8	7389	9.8	173714.1	-5558.7
7210	10.5	171831.8	-5507.6	7300	10.5	172718.8	-5513.8	7390	10.0	173730.9	-5534.0
7211	10.0	171832.5	-5544.8	7301	10.5	172721.3	-5548.2	7391	10.3	173736.3	-5523.0
7212	9.8	171842.6	-5514.6	7302	10.5	172724.3	-5526.8	7392	10.3	173737.0	-5538.0
7213	10.0	171855.4	-5519.6	7303	10.5	172734.2	-5516.8	7393	10.0	173738.1	-5513.0
7214	10.5	171857.9	-5502.7	7304	10.0	172735.3	-5520.8	7394	10.0	173742.2	-5508.1
7215	10.0	171902.8	-5558.8	7305	10.3	172735.3	-5501.8	7395	8.5	173757.0	-5544.7
7216	9.5	171909.9	-5554.8	7306	10.0	172743.6	-5511.8	7396	8.2	173809.6	-5518.1
7217	10.5	171914.2	-5512.7	7307	10.0	172745.8	-5546.3	7397	6.4	173813.5	-5521.1
7218	10.3	171928.9	-5536.7	7308	10.5	172813.8	-5552.3	7398	9.7	173816.4	-5534.1
7219	10.5	171935.7	-5507.7	7309	10.5	172820.8	-5532.9	7399	9.6	173817.3	-5523.1
7220	10.0	171942.1	-5552.9	7310	10.3	172823.0	-5515.9	7400	9.8	173822.0	-5504.1
7221	10.0	171943.5	-5541.9	7311	9.8	172825.5	-5508.9	7401	10.3	173837.6	-5504.1
7222	10.0	171944.6	-5502.7	7312	9.3	172836.8	-5529.9	7402	10.0	173839.2	-5505.1
7223	10.5	171945.8	-5510.7	7313	10.5	172837.2	-5539.6	7403	10.5	173846.8	-5548.8
7224	10.5	171948.3	-5522.7	7314	10.3	172840.3	-5527.9	7404	10.3	173851.9	-5501.1
7225	9.5	171951.5	-5547.9	7315	10.0	172842.2	-5559.3	7405	9.2	173905.9	-5535.1
7226	10.0	171952.4	-5500.7	7316	9.7	172908.5	-5517.9	7406	10.5	173916.9	-5519.1
7227	10.0	171952.9	-5554.9	7317	9.4	172919.2	-5501.9	7407	10.0	173921.5	-5527.1
7228	10.0	171953.4	-5524.7	7318	10.0	172925.9	-5522.9	7408	10.0	173941.4	-5542.8
7229	9.8	171958.4	-5535.8	7319	9.8	172930.0	-5538.1	7409	10.5	173945.8	-5522.1
7230	10.0	172001.1	-5544.9	7320	9.7	172931.4	-5523.9	7410	9.3	173958.4	-5547.8
7411	10.3	174001.7	-5528.1								
7412	10.0	174012.3	-5547.8								
7413	10.8	174017.1	-5500.1								
7414	9.6	174025.0	-5535.1								
7415	9.4	174028.3	-5508.1								
7416	10.5	174039.9	-5538.1								
7417	11.0	174041.2	-5528.1								
7418	10.0	174045.2	-5533.1								
7419	10.3	174048.8	-5520.1								
7420	10.0	174055.2	-5558.9								
7421	10.0	174100.3	-5548.9								
7422	10.5	174107.7	-5515.1								
7423	9.8	174108.9	-5518.1								
7424	9.8	174110.8	-5524.1								
7425	10.8	174122.0	-5533.1								
7426	10.3	174141.5	-5537.1								
7427	10.3	174147.4	-5547.9								
7428	11.0	174147.6	-5500.1								
7429	10.5	174203.0	-5518.3								
7430	10.5	174205.8	-5541.6								
7431	10.0	174215.3	-5532.3								
7432	9.6	174217.0	-5534.3								
7433	10.5	174220.6	-5501.3								
7434	10.5	174221.8	-5519.3								
7435	10.0	174226.2	-5515.3								
7436	10.0	174227.9	-5508.3								
7437	9.6	174237.8	-5534.3								
7438	9.7	174242.3	-5518.3								
7439	10.0	174304.7	-5506.3								
7440	11.3	174315.1	-5544.9								
7441	9.7	174322.3	-5516.3								
7442	10.5	174323.9	-5513.3								
7443	10.5	174332.8	-5540.3								
7444	10.3	174340.0	-5523.3								
7445	11.5	174342.7	-5539.9								
7446	9.5	174359.5	-5536.1								
7447	10.3	174359.8	-5512.3								
7448	9.5	174404.9	-5523.3								
7449	10.0	174407.2	-5532.3								
7450	7.5	174414.4	-5551.9								
7451	9.4	174420.9	-5514.3								
7452	10.0	174423.8	-5502.3								
7453	9.5	174441.6	-5506.3								
7454	9.5	174459.1	-5539.2								
7455	10.5	174503.5	-5500.3								
7456	9.4	174513.6	-5541.4								
7457	11.0	174521.7	-5558.1								
7458	11.3	174533.3	-5557.1								
7459	11.8	174536.8	-5543.1								
7460	9.7	174544.1	-5551.1								
7461	10.0	174545.3	-5510.3								
7462	9.7	174549.4	-5534.3								
7463	9.8	174603.1	-5506.3								
7464	9.8	174604.8	-5508.3								
7465	10.0	174612.5	-5519.3								
7466	10.5	174628.3	-5518.3								
7467	11.0	174636.4	-5555.1								
7468	10.0	174636.8	-5510.3								
7469	11.3	174639.5	-5544.2								
7470	7.2	174648.3	-5521.3								
7471	10.8	174702.0	-5549.2								
7472	11.0	174705.3	-5547.2								
7473	10.3	174707.2	-5525.4								
7474	10.3	174712.3	-5523.4								
7475	10.3	174720.8	-5515.4								
7476	10.3	174723.5	-5501.4								
7477	10.3	174723.6	-5502.4								
7478	11.0	174730.0	-5537.8								
7479	10.5	174730.0	-5539.4								
7480	9.1	174732.6	-5552.2								
7481	9.6	174732.7	-5526.4								
7482	10.5	174734.1	-5527.4								
7483	10.0	174748.8	-5502.4								
7484	7.8	174800.4	-5508.4								
7485	10.0	174804.6	-5505.4								
7486	10.0	174805.5	-5500.4								
7487	9.7	174814.9	-5525.4								
7488	9.5	174827.9	-5523.4								
7489	10.0	174829.2	-5510.4								
7490	10.3	174843.8	-5531.4								
7491	8.7	174844.8	-5528.4								
7492	10.5	174846.8	-5502.4								
7493	9.9	174853.1	-5554.3								
7494	10.3	174914.0	-5541.4								
7495	10.3	174921.9	-5518.4								
7496	10.0	174923.6	-5507.4								
7497	10.5	174930.1	-5546.3								
7498	10.5	174936.8	-5536.4								
7499	9.7	174938.3	-5523.4								
7500	9.5	174947.7	-5553.3								

7501 10.0 175016.3 -5524.4	7591 10.0 180106.2 -5500.6	7681 11.3 181213.7 -5541.3	7771 11.0 182119.9 -5531.3
7502 9.5 175017.6 -5502.4	7592 6.6 180117.8 -5522.6	7682 10.0 181223.8 -5510.1	7772 9.8 182123.8 -5519.3
7503 10.0 175018.8 -5549.3	7593 10.0 180129.8 -5504.6	7683 10.0 181229.1 -5509.1	7773 12.0 182147.4 -5519.4
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7505 9.7 175025.2 -5538.8	7595 8.4 180153.0 -5541.7	7685 8.7 181250.5 -5557.3	7775 10.8 182206.0 -5513.6
7506 9.6 175025.8 -5537.8	7596 8.8 180154.3 -5530.6	7686 9.5 181252.6 -5528.1	7776 10.3 182218.6 -5543.4
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7508 11.0 175038.3 -5550.4	7598 10.5 180223.3 -5546.9	7688 11.0 181303.0 -5541.3	7778 9.7 182229.8 -5512.2
7509 10.5 175053.6 -5541.9	7599 9.3 180233.6 -5512.6	7689 10.0 181307.4 -5532.1	7779 10.3 182241.4 -5536.4
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7514 9.7 175144.4 -5518.4	7604 10.0 180259.4 -5520.6	7694 9.0 181353.4 -5506.1	7784 11.0 182352.8 -5550.4
7515 10.0 175153.9 -5521.5	7605 11.0 180312.8 -5542.9	7695 10.0 181356.4 -5533.2	7785 9.9 182403.0 -5533.4
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7525 10.5 175304.3 -5541.5	7615 8.6 180432.8 -5559.0	7705 10.8 181410.2 -5520.2	7795 9.0 182451.5 -5514.4
7526 9.7 175311.8 -5534.5	7616 9.8 180433.3 -5506.7	7706 10.0 181416.4 -5536.2	7796 9.3 182453.0 -5519.0
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7590 10.5 180047.0 -5507.6	7680 10.0 181210.8 -5534.1	7770 10.3 182117.5 -5534.3	7860 10.5 183257.1 -5553.5

-55 7861 18h32m

-55 8220 19h26m

7861	7.6	183258.6	-5552.5	7951	10.0	184452.8	-5522.5	8041	6.5	185831.0	-5553.7	8131	10.0	191252.8	-5548.8
7862	9.5	183311.0	-5538.5	7952	10.0	184456.7	-5538.2	8042	10.0	185855.2	-5511.0	8132	10.0	191326.5	-5555.8
7863	10.5	183318.0	-5554.5	7953	10.5	184457.9	-5544.6	8043	9.6	185906.8	-5502.0	8133	10.5	191331.8	-5506.5
7864	9.0	183324.3	-5522.2	7954	9.9	184501.3	-5521.7	8044	10.0	185910.8	-5521.5	8134	10.0	191335.0	-5555.8
7865	10.0	183328.8	-5533.5	7955	9.5	184520.6	-5500.9	8045	9.4	185911.8	-5543.7	8135	10.0	191344.8	-5518.5
7866	9.7	183344.3	-5509.5	7956	9.7	184532.2	-5528.7	8046	9.7	185919.8	-5539.8	8136	10.0	191349.5	-5524.5
7867	9.7	183345.7	-5507.5	7957	10.0	184534.7	-5512.7	8047	10.0	185920.0	-5519.0	8137	9.7	191355.0	-5501.5
7868	9.8	183352.2	-5538.8	7958	11.0	184542.6	-5549.6	8048	10.0	185928.4	-5507.0	8138	9.4	191355.0	-5545.8
7869	10.0	183358.8	-5516.6	7959	8.5	184549.4	-5553.6	8049	10.0	185933.3	-5513.0	8139	10.0	191424.9	-5520.5
7870	9.6	183403.2	-5509.6	7960	9.7	184553.9	-5554.6	8050	9.9	185936.6	-5517.0	8140	10.0	191426.8	-5518.5
7871	10.0	183413.0	-5526.8	7961	9.8	184613.3	-5524.7	8051	10.0	185945.5	-5536.0	8141	10.0	191430.4	-5505.5
7872	10.3	183417.0	-5542.5	7962	10.0	184627.2	-5536.0	8052	9.6	185949.9	-5536.0	8142	7.7	191449.0	-5520.6
7873	10.0	183418.7	-5513.6	7963	10.0	184653.2	-5500.7	8053	10.0	190003.1	-5501.0	8143	9.3	191452.8	-5545.8
7874	9.2	183425.2	-5534.3	7964	7.7	184653.8	-5559.6	8054	10.0	190007.2	-5503.5	8144	10.0	191504.5	-5500.6
7875	10.0	183425.8	-5518.3	7965	10.0	184706.7	-5535.8	8055	9.4	190016.0	-5520.3	8145	10.0	191508.5	-5545.8
7876	10.0	183428.6	-5532.6	7966	9.7	184707.5	-5530.8	8056	9.7	190017.7	-5550.7	8146	10.0	191526.7	-5512.6
7877	9.5	183436.7	-5558.9	7967	10.0	184713.4	-5553.6	8057	10.0	190017.7	-5547.7	8147	10.0	191533.0	-5506.6
7878	10.0	183448.5	-5535.6	7968	8.0	184721.9	-5538.0	8058	10.0	190027.9	-5519.5	8148	10.0	191539.1	-5524.6
7879	11.0	183449.0	-5558.5	7969	10.0	184732.3	-5505.8	8059	10.0	190046.2	-5535.5	8149	10.0	191552.0	-5541.8
7880	10.0	183500.3	-5533.6	7970	10.0	184747.8	-5513.0	8060	10.0	190049.3	-5515.5	8150	9.5	191557.5	-5524.4
7881	10.8	183500.7	-5539.5	7971	10.0	184759.0	-5508.8	8061	9.8	190052.7	-5505.0	8151	10.0	191601.5	-5524.6
7882	9.6	183512.0	-5520.6	7972	9.2	184807.9	-5535.0	8062	10.0	190055.7	-5511.3	8152	7.6	191606.2	-5537.0
7883	10.0	183516.9	-5526.6	7973	9.7	184811.2	-5519.8	8063	8.7	190113.8	-5507.5	8153	7.8	191613.8	-5506.4
7884	10.0	183523.0	-5513.6	7974	10.0	184818.2	-5518.8	8064	10.0	190118.2	-5545.9	8154	10.0	191616.8	-5546.8
7885	10.0	183528.2	-5516.8	7975	8.7	184832.9	-5503.0	8065	10.0	190215.3	-5558.7	8155	10.0	191640.9	-5506.6
7886	10.0	183532.6	-5535.2	7976	10.0	184849.4	-5514.8	8066	11.0	190223.1	-5525.5	8156	10.0	191644.5	-5552.2
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7888	10.0	183559.0	-5529.4	7978	11.0	184901.7	-5547.6	8068	8.2	190237.8	-5552.9	8158	10.0	191706.8	-5514.6
7889	9.4	183609.2	-5518.6	7979	10.0	184912.4	-5530.8	8069	9.7	190307.0	-5543.7	8159	10.0	191706.8	-5549.8
7890	9.5	183610.6	-5517.6	7980	10.0	184915.5	-5536.8	8070	10.0	190308.9	-5554.7	8160	8.1	191720.6	-5512.6
7891	10.3	183612.4	-5537.0	7981	9.0	184934.4	-5535.0	8071	10.0	190313.4	-5525.5	8161	10.0	191723.8	-5516.5
7892	10.5	183613.0	-5535.5	7982	9.3	184944.3	-5504.8	8072	10.0	190319.2	-5526.5	8162	10.0	191733.5	-5502.6
7893	10.0	183617.4	-5528.6	7983	9.3	184945.8	-5517.8	8073	10.0	190327.9	-5540.7	8163	9.8	191747.2	-5559.4
7894	9.5	183634.4	-5510.6	7984	10.0	184959.7	-5552.6	8074	10.8	190402.0	-5506.2	8164	9.3	191752.7	-5519.6
7895	11.0	183635.2	-5553.0	7985	7.3	185001.3	-5510.8	8075	10.0	190404.5	-5540.7	8165	10.0	191758.2	-5553.8
7896	11.0	183649.8	-5554.5	7986	9.9	185005.8	-5523.8	8076	9.9	190419.2	-5546.7	8166	10.0	191801.0	-5525.3
7897	10.0	183652.0	-5515.6	7987	11.0	185017.6	-5537.6	8077	9.8	190429.8	-5550.4	8167	10.0	191814.0	-5519.6
7898	10.0	183659.2	-5535.0	7988	9.4	185027.1	-5541.6	8078	9.1	190437.0	-5533.6	8168	10.0	191814.2	-5548.8
7899	10.0	183703.5	-5501.6	7989	10.0	185036.9	-5501.8	8079	9.5	190455.8	-5505.8	8169	10.0	191819.6	-5525.6
7900	9.3	183720.1	-5512.4	7990	10.0	185039.5	-5507.8	8080	10.3	190500.2	-5513.8	8170	9.9	191822.3	-5505.6
7901	8.8	183729.3	-5544.5	7991	8.6	185107.7	-5515.8	8081	10.0	190524.5	-5544.7	8171	10.0	191828.6	-5532.6
7902	10.0	183730.8	-5517.8	7992	8.5	185119.7	-5547.6	8082	11.0	190524.6	-5517.3	8172	10.0	191837.5	-5515.6
7903	10.5	183736.6	-5536.8	7993	10.0	185122.2	-5526.5	8083	11.0	190537.0	-5509.5	8173	10.0	191843.6	-5505.8
7904	10.5	183739.0	-5549.5	7994	9.7	185123.0	-5552.6	8084	10.0	190557.4	-5556.7	8174	9.9	191847.8	-5504.9
7905	10.0	183743.2	-5538.6	7995	10.3	185143.5	-5550.6	8085	8.1	190617.2	-5511.6	8175	9.9	191858.0	-5559.9
7906	10.0	183754.9	-5500.6	7996	10.0	185144.2	-5505.8	8086	9.8	190618.7	-5532.2	8176	10.0	191904.2	-5528.6
7907	9.9	183804.2	-5531.6	7997	10.3	185158.7	-5551.6	8087	10.0	190622.4	-5557.8	8177	8.4	191930.0	-5501.8
7908	10.8	183812.1	-5541.5	7998	9.7	185205.5	-5543.7	8088	9.8	190630.3	-5556.0	8178	9.5	191930.6	-5544.9
7909	11.3	183824.7	-5555.0	7999	10.0	185207.4	-5504.8	8089	9.8	190642.9	-5539.7	8179	10.0	191937.9	-5500.6
7910	10.0	183825.5	-5529.9	8000	10.0	185216.2	-5511.8	8090	9.7	190657.7	-5529.4	8180	6.3	191940.7	-5541.2
7911	10.0	183828.5	-5531.6	8001	10.0	185224.6	-5516.8	8091	10.0	190702.9	-5508.4	8181	10.0	191951.0	-5535.6
7912	10.0	183830.0	-5511.6	8002	10.0	185228.4	-5503.8	8092	10.0	190725.3	-5510.4	8182	10.0	191952.2	-5559.9
7913	9.8	183847.3	-5515.8	8003	11.0	185233.0	-5544.7	8093	10.0	190735.6	-5558.8	8183	10.0	191954.7	-5542.9
7914	10.0	183855.2	-5518.6	8004	10.0	185233.6	-5511.8	8094	8.6	190743.5	-5540.7	8184	10.0	192000.0	-5534.8
7915	10.0	183911.8	-5518.3	8005	10.0	185239.8	-5533.8	8095	11.0	190744.8	-5512.2	8185	10.0	192003.1	-5553.9
7916	10.3	183915.6	-5539.0	8006	10.0	185304.3	-5549.7	8096	10.0	190802.4	-5549.8	8186	10.0	192005.5	-5510.6
7917	10.0	183922.2	-5520.6	8007	8.5	185311.9	-5555.7	8097	8.0	190803.4	-5539.9	8187	10.0	192019.2	-5555.6
7918	10.3	183947.7	-5541.5	8008	10.0	185326.4	-5521.0	8098	10.5	190805.6	-5538.1	8188	6.8	192026.0	-5521.7
7919	10.0	184004.8	-5506.6	8009	9.7	185343.0	-5533.0	8099	10.8	190823.2	-5521.0	8189	10.0	192033.7	-5515.7
7920	10.0	184008.0	-5518.7	8010	9.7	185350.0	-5514.0	8100	10.8	190828.2	-5510.4	8190	10.0	192039.8	-5510.4
7921	11.3	184016.7	-5542.5	8011	10.5	185404.3	-5539.7	8101	10.5	190832.8	-5505.4	8191	9.9	192047.2	-5512.5
7922	10.0	184030.7	-5516.7	8012	9.5	185409.6	-5525.0	8102	9.8	190853.4	-5538.4	8192	9.2	192051.0	-5511.3
7923	11.0	184045.5	-5555.5	8013	10.3	185410.4	-5546.7	8103	9.7	190908.6	-5534.4	8193	10.0	192112.4	-5539.9
7924	9.7	184048.0	-5538.0	8014	10.0	185416.0	-5531.8	8104	9.9	190909.9	-5524.4	8194	9.4	192125.9	-5551.9
7925	10.3	184110.2	-5541.5	8015	10.5	185418.6	-5536.7	8105	8.6	190925.0	-5533.0	8195	9.4	192129.8	-5513.9
7926	10.5	184111.5	-5554.5	8016	9.2	185421.9	-5521.3	8106	10.0	190937.9	-5501.5	8196	10.0	192146.2	-5512.7
7927	10.0	184117.8	-5522.7	8017	9.6	185430.8	-5508.0	8107	10.0	190946.6	-5552.8	8197	10.0	192152.3	-5503.7
7928	8.0	184123.0	-5516.9	8018	9.7	185433.1	-5557.7	8108	10.0	190947.9	-5500.7	8198	9.6	192154.3	-5533.9
7929	10.0	184139.8	-5531.5	8019	9.2	185445.4	-5517.7	8109	10.0	190949.1	-5552.8	8199	9.8	192157.7	-5558.9
7930	10.0	184202.2	-5532.7	8020	10.0	185534.4	-5502.0	8110	11.0	191002.0	-5528.2	8200	10.0	192205.6	-5503.5
7931	9.5	184204.8	-5517.9	8021	10.0	185539.3	-5533.0	8111	10.0	191002.3	-5517.0	8201	10.0	192243.2	-5514.7
7932	9.0	184216.7	-5502.5	8022	10.0	185618.0	-5523.4	8112	10.0	191003.2	-5536.5	8202	9.7	192254.5	-5559.9
7933	9.5	184217.2	-5557.5	8023	10.3	185621.2	-5555.7	8113	8.6	191012.2	-5553.8	8203	10.0	192256.0	-5514.7
7934	9.5	184220.9	-5541.5	8024	9.4	185625.1	-5554.7	8114	10.0	191014.0	-5500.5	8204	10.0	192257.0	-5501.7
7935	9.6	184226.9	-5537.8	8025	10.0	185627.1	-5521.0	8115	10.0	191023.0	-5551.8	8205	10.8	192312.5	-5517.7
7936	10.0	184254.5	-5503.7	8026	10.0	185645.7	-5538.0	8116	9.2	191038.3	-5557.8	8206	11.5	192323.9	-5520.7
7937	10.0	184255.5	-5524.7	8027	10.5	185654.6	-5555.7	8117	10.0	191048.6	-5550.8	8207	9.7	192345.3	-5556.9
7938	8.6	184312.4	-5549.6	8028	9.4	185705.6	-5507.5	8118	10.0	191052.3	-5534.5	8208	10.0	192357.2	-5547.4
7939	10.0	184315.8	-5525.7	8029	8.8	185705.7	-5555.7	8119	9.8	191101.3	-5517.6	8209	9.5	192402.6	-5517.7
7940	9.9	184318.9	-5532.7	8030	9.9	185712.2	-5537.8	8120	10.0	191119.2	-5539.8	8210	11.5	192406.5	-5528.7
7941	10.0	184318.9	-5504.7	8031	11.0	185720.9	-5540.7	8121	7.7	191120.9	-5536.0	8211	9.9	192411.6	-5530.7
7942	10.0	184336.8	-5525.7	8032	9.4	185725.7	-5526.0	8122	10.0	191148.0	-5505.5	8212	10.0	192442.8	-5552.1
7943	8.6	184339.2	-5502.7	8033	9.9	185752.4	-5539.4	8123	8.1	191155.1	-5553.4	8213	8.7	192457.3	-5556.8
7944	10.0	184352.4	-5517.7	8034	9.6	185754.2	-5545.7	8124	10.8	191156.8	-5515.8	8214	11.0	192501.8	-5510.6
7945	10.0	184403.8	-5532.7	8035	10.3	185806.0	-5558.7	8125	10.0	191212.0	-5517.5	8215	10.5	192536.3	-5502.7
7946	10.0	184405.6	-5536.0	8036	10.5	185806.0	-5550.7	8126	9.9	191213.4	-5540.0	8216	11.3	192544.7	-5525.7
7947	11.0	184408.8	-5558.6	8037	9.2	185806.9	-5519.0	8127	10.0	191220.2	-5534.3	8217	10.0	192547.0	-5551.8
7948	9.4	184427.4	-5502.7	8038	9.5	185811.8	-5552.7	8128	11.0	191234.6	-5527.5	8218	10.8	192616.0	-5511.7
7949	10.0	184428.5	-5523.9	8039	9.2	185812.6	-5513.0	8129	10.0	191235.3	-5519.2	8219	11.0	192630.2	-5539.7
7950	10.0	184451.8	-5523.7	8040	9.7	185829.9	-5531.0	8130	10.0	191243.2	-5507.5	8220	11.3	192644.0	-5531.7

-55 8221 19h26m

-55 8580 20h29m

8221	8.8	192653.2	-5520.7	8311	9.5	194237.9	-5514.7	8401	9.9	195856.1	-5552.9
8222	9.8	192702.0	-5537.8	8312	5.7	194239.6	-5517.0	8402	9.9	195904.5	-5529.8
8223	8.0	192702.5	-5500.8	8313	7.0	194241.2	-5517.3	8403	9.9	195906.1	-5557.2
8224	10.0	192703.3	-5542.8	8314	9.6	194244.6	-5526.7	8404	9.9	195920.8	-5559.6
8225	11.0	192720.7	-5517.8	8315	11.5	194247.2	-5502.7	8405	11.0	195926.5	-5517.8
8226	9.5	192731.3	-5522.2	8316	11.5	194253.1	-5532.7	8406	9.4	195929.4	-5547.9
8227	11.3	192736.7	-5502.8	8317	10.8	194254.5	-5503.7	8407	9.9	195931.8	-5503.8
8228	10.8	192743.7	-5510.8	8318	10.5	194307.0	-5537.8	8408	10.0	200023.6	-5526.8
8229	10.5	192814.2	-5536.2	8319	11.0	194323.4	-5530.7	8409	10.3	200023.9	-5553.9
8230	10.8	192819.9	-5536.3	8320	8.9	194325.0	-5542.4	8410	11.0	200029.4	-5543.0
8231	9.7	192823.6	-5504.0	8321	9.4	194350.7	-5503.7	8411	10.5	200039.1	-5557.0
8232	10.0	192850.2	-5547.8	8322	10.5	194357.1	-5550.8	8412	9.0	200051.9	-5531.8
8233	10.3	192850.4	-5514.8	8323	10.5	194400.5	-5518.7	8413	10.0	200104.6	-5504.8
8234	11.5	192900.3	-5516.8	8324	10.8	194432.9	-5532.7	8414	8.9	200106.3	-5507.8
8235	11.5	192907.4	-5527.8	8325	11.0	194445.7	-5526.9	8415	10.0	200124.7	-5505.8
8236	9.9	192913.9	-5525.8	8326	9.8	194447.0	-5539.4	8416	10.0	200132.6	-5520.8
8237	10.0	192932.4	-5545.4	8327	9.9	194450.5	-5536.6	8417	9.9	200140.5	-5518.8
8238	9.4	192942.0	-5553.8	8328	9.9	194500.4	-5504.7	8418	10.0	200152.2	-5524.8
8239	11.5	192944.7	-5503.8	8329	11.0	194511.7	-5558.7	8419	10.0	200157.5	-5500.8
8240	9.7	193013.7	-5550.8	8330	11.0	194513.9	-5532.7	8420	10.0	200201.6	-5502.0
8241	10.0	193044.6	-5544.8	8331	10.3	194515.7	-5553.0	8421	9.4	200226.8	-5521.5
8242	11.0	193046.2	-5520.8	8332	10.8	194526.4	-5558.4	8422	9.9	200241.9	-5549.0
8243	9.5	193105.7	-5531.5	8333	11.3	194550.3	-5542.4	8423	10.5	200251.9	-5549.0
8244	10.0	193122.0	-5546.2	8334	10.3	194557.3	-5540.6	8424	10.0	200254.4	-5529.5
8245	10.0	193125.8	-5556.8	8335	11.0	194606.1	-5531.7	8425	10.0	200327.3	-5515.8
8246	7.5	193132.5	-5532.8	8336	11.3	194607.8	-5510.7	8426	9.6	200347.5	-5507.8
8247	9.7	193147.4	-5542.2	8337	8.4	194616.4	-5528.4	8427	8.0	200400.5	-5532.8
8248	11.0	193158.3	-5526.8	8338	9.6	194624.4	-5525.7	8428	10.0	200402.3	-5520.8
8249	10.8	193205.3	-5526.0	8339	11.3	194715.2	-5508.7	8429	9.7	200409.2	-5513.8
8250	9.9	193217.4	-5547.8	8340	9.8	194715.8	-5546.4	8430	9.8	200432.7	-5551.0
8251	11.5	193232.8	-5517.8	8341	11.5	194719.8	-5500.7	8431	10.0	200501.3	-5520.8
8252	8.5	193241.8	-5546.2	8342	9.8	194725.4	-5555.4	8432	10.0	200506.2	-5540.2
8253	9.9	193250.4	-5539.0	8343	11.3	194731.0	-5520.7	8433	9.9	200520.5	-5544.0
8254	9.9	193330.6	-5508.8	8344	9.6	194734.5	-5513.7	8434	10.0	200525.1	-5502.9
8255	10.8	193330.8	-5524.8	8345	11.3	194737.8	-5508.7	8435	9.3	200539.0	-5536.9
8256	11.3	193343.0	-5521.8	8346	9.9	194743.8	-5507.7	8436	10.0	200558.5	-5505.9
8257	11.0	193407.0	-5501.8	8347	11.3	194801.4	-5518.7	8437	10.0	200613.9	-5514.9
8258	9.8	193422.3	-5548.4	8348	11.5	194820.6	-5529.4	8438	10.3	200624.5	-5537.9
8259	10.3	193437.6	-5526.9	8349	8.6	194836.8	-5515.8	8439	9.9	200629.9	-5516.5
8260	9.7	193459.9	-5546.1	8350	8.9	194907.8	-5545.0	8440	10.0	200635.7	-5519.9
8261	9.8	193501.9	-5544.4	8351	11.3	194922.7	-5546.8	8441	9.3	200650.5	-5542.0
8262	9.8	193502.6	-5532.9	8352	8.0	194929.4	-5522.8	8442	11.3	200718.9	-5546.0
8263	10.3	193505.2	-5536.8	8353	9.6	194947.2	-5535.8	8443	10.0	200722.2	-5530.9
8264	10.0	193523.2	-5554.2	8354	11.5	194949.7	-5527.6	8444	10.0	200749.9	-5509.9
8265	11.0	193523.8	-5514.9	8355	11.3	195003.0	-5540.6	8445	10.0	200754.5	-5510.9
8266	11.3	193530.5	-5535.1	8356	9.5	195010.6	-5528.0	8446	9.0	200820.4	-5536.6
8267	9.5	193532.7	-5534.6	8357	9.1	195017.3	-5542.4	8447	11.0	200836.8	-5548.1
8268	10.0	193616.8	-5541.4	8358	8.2	195027.0	-5554.8	8448	10.0	200847.9	-5509.9
8269	9.9	193627.6	-5504.9	8359	11.5	195031.7	-5525.8	8449	10.0	200859.5	-5532.9
8270	10.0	193629.0	-5550.4	8360	11.0	195046.0	-5555.8	8450	10.0	200900.9	-5530.9
8271	8.2	193708.3	-5530.9	8361	11.3	195048.8	-5514.8	8451	8.6	200904.7	-5526.9
8272	9.6	193710.6	-5556.4	8362	10.0	195055.0	-5509.8	8452	10.0	200933.4	-5504.9
8273	8.5	193722.0	-5512.9	8363	9.9	195110.9	-5538.8	8453	8.4	201039.1	-5522.9
8274	11.0	193733.9	-5509.9	8364	9.8	195116.2	-5508.8	8454	6.5	201048.5	-5526.6
8275	11.0	193747.5	-5519.1	8365	10.3	195140.9	-5521.6	8455	9.1	201101.5	-5554.6
8276	9.9	193756.0	-5547.0	8366	9.1	195146.0	-5551.7	8456	9.9	201115.9	-5527.9
8277	11.0	193800.6	-5518.9	8367	9.8	195152.0	-5559.9	8457	10.0	201122.1	-5526.9
8278	9.0	193800.9	-5555.4	8368	11.5	195212.6	-5510.8	8458	10.8	201124.0	-5552.8
8279	10.0	193819.2	-5536.9	8369	11.3	195217.9	-5533.8	8459	10.5	201133.4	-5541.0
8280	9.9	193833.1	-5536.6	8370	8.9	195231.6	-5559.7	8460	10.5	201137.4	-5538.6
8281	11.0	193836.0	-5522.9	8371	11.5	195234.6	-5505.8	8461	9.8	201142.5	-5537.0
8282	10.5	193837.1	-5505.1	8372	10.8	195250.0	-5503.8	8462	8.5	201159.9	-5511.9
8283	11.0	193840.1	-5508.9	8373	8.7	195256.3	-5535.2	8463	9.4	201225.8	-5520.2
8284	10.0	193842.2	-5518.9	8374	11.0	195310.3	-5541.4	8464	10.0	201239.4	-5530.2
8285	9.2	193843.2	-5557.0	8375	11.5	195312.3	-5514.8	8465	10.0	201244.3	-5526.9
8286	9.5	193902.2	-5523.6	8376	10.3	195312.6	-5559.8	8466	11.3	201245.5	-5559.1
8287	10.8	193906.6	-5504.2	8377	9.7	195348.4	-5536.0	8467	11.0	201259.4	-5549.1
8288	11.0	193914.0	-5500.9	8378	11.0	195351.8	-5531.6	8468	9.7	201303.8	-5557.1
8289	9.0	193914.7	-5511.9	8379	10.5	195354.6	-5552.0	8469	10.0	201333.0	-5514.9
8290	10.0	193919.0	-5534.4	8380	11.5	195402.3	-5524.8	8470	11.0	201349.2	-5549.1
8291	10.0	193927.2	-5542.8	8381	10.3	195402.8	-5503.8	8471	10.0	201351.9	-5533.9
8292	10.5	193927.6	-5530.9	8382	10.3	195406.7	-5546.0	8472	10.8	201401.3	-5548.9
8293	8.2	193934.4	-5544.0	8383	9.2	195442.8	-5522.8	8473	10.0	201401.4	-5523.9
8294	10.0	193935.4	-5530.6	8384	8.4	195443.9	-5528.5	8474	10.0	201407.5	-5512.0
8295	11.3	193939.2	-5502.9	8385	9.8	195515.2	-5559.9	8475	10.0	201425.8	-5524.8
8296	11.5	193958.9	-5526.9	8386	8.9	195523.2	-5504.5	8476	9.8	201428.0	-5500.0
8297	10.8	194032.5	-5536.9	8387	9.8	195525.9	-5505.8	8477	9.9	201433.5	-5521.0
8298	11.3	194051.9	-5533.9	8388	9.2	195535.2	-5542.6	8478	11.0	201438.0	-5541.1
8299	9.7	194100.3	-5545.4	8389	11.0	195539.9	-5528.8	8479	9.3	201452.1	-5542.0
8300	10.3	194116.2	-5535.7	8390	8.5	195547.0	-5510.0	8480	11.0	201529.5	-5501.0
8301	11.3	194128.5	-5509.9	8391	11.5	195652.9	-5537.8	8481	11.0	201532.5	-5521.0
8302	11.0	194138.3	-5515.9	8392	11.3	195726.6	-5556.9	8482	10.0	201552.0	-5505.0
8303	8.1	194146.5	-5543.8	8393	6.6	195744.4	-5522.4	8483	10.0	201600.4	-5510.0
8304	10.3	194206.8	-5525.7	8394	10.0	195749.5	-5515.8	8484	9.9	201627.2	-5526.0
8305	10.8	194208.7	-5516.9	8395	10.0	195751.4	-5531.6	8485	11.0	201628.2	-5539.1
8306	10.0	194218.3	-5558.6	8396	10.8	195811.3	-5543.2	8486	10.0	201629.2	-5510.0
8307	10.0	194225.7	-5554.8	8397	10.0	195811.5	-5516.8	8487	10.3	201631.2	-5559.1
8308	11.5	194227.0	-5503.0	8398	10.5	195814.6	-5555.9	8488	10.0	201633.6	-5501.0
8309	9.6	194228.1	-5506.7	8399	10.0	195818.0	-5510.8	8489	9.3	201636.5	-5537.0
8310	9.4	194233.4	-5528.7	8400	8.3	195824.4	-5502.5	8490	10.5	201639.5	-5537.2
8491	9.4	201645.2	-5530.0								
8492	9.3	201713.4	-5557.2								
8493	10.0	201720.8	-5530.0								
8494	9.4	201735.0	-5511.3								
8495	9.8	201735.7	-5536.6								
8496	11.5	201810.6	-5551.2								
8497	9.8	201814.3	-5520.0								
8498	10.0	201823.0	-5500.0								
8499	10.8	201838.5	-5547.2								
8500	8.0	201845.6	-5535.1								
8501	10.0	201847.1	-5534.0								
8502	8.7	201851.3	-5500.2								
8503	9.1	201854.3	-5544.7								
8504	9.6	201904.1	-5503.0								
8505	8.7	201915.0	-5505.0								
8506	9.0	202001.1	-5532.0								
8507	10.0	202001.5	-5507.0								
8508	9.0	202006.2	-5530.0								
8509	9.4	202047.0	-5507.0								
8510	9.2	202053.8	-5524.0								
8511	10.0	202056.2	-5542.0								
8512	10.0	202104.5	-5510.0								
8513	10.0	202107.5	-5528.0								
8514	11.0	202109.6	-5558.2								
8515	11.0	202143.2	-5544.2								
8516	10.0	202159.9	-5517.1								
8517	11.0	202201.6	-5542.2								
8518	10.0	202201.7	-5506.1								
8519	10.0	202216.5	-5514.1								
8520	9.2	202217.2	-5523.4								
8521	10.8	202218.2	-5546.2								
8522	10.8	202222.5	-5552.2								
8523	9.4	202229.9	-5502.1								
8524	9.7	202233.0	-5537.2								
8525	9.1	202255.8	-5545.9								
8526	10.8	202311.8	-5547.2								
8527	11.0	202331.3	-5554.8								
8528	10.0	202331.8	-5535.1								
8529	10.0	202403.0	-5521.1								
8530	9.7	202409.2	-5516.1								
8531	9.7	202415.3	-5554.0								
8532	10.0	202420.1	-5532.1								
8533	9.7	202429.3	-5549.2								
8534	9.6	202436.7	-5514.7								
8535	10.5	202440.0	-5544.2								
8536	8.5	202453.6	-5558.0								
8537	8.6	202503.0	-5555.2								
8538	11.3	202523.7	-5545.2								
8539	10.3	202533.1	-5536.1								
8540	8.9	202535.3	-5522.9								
8541	11.0	202555.9	-5556.2								
8542	9.4	202557.8	-5559.0								
8543	11.0	202607.9	-5551.3								
8544	10.0	202610.6	-5527.1								
8545	10.0	202612.6	-5524.1								
8546	10.0	202612.6	-5521.1								
8547	9.9	202616.8	-5508.1								
8548	9.9	202616.8	-5552.6								
8549	10.0	202626.8	-5537.9								
8550	9.6	202626.8	-5546.8								
8551	8.2	202627.6	-5522.1								
8552	9.9	202639.8	-5500.1								
8553	10.8	202703.6	-5509.1								
8554	10.0	202706.4	-5541.1								
8555	10.5	202710.8	-5543.2								
8556	10.0	202715.8	-5531.1								
8557	10.5	202719.0	-5552.2								
8558	10.0	202722.9	-5520.1								
8559	9.0	202727.6	-5554.4								
8560	10.0	202729.4	-5518.1								
8561	8.7	202733.8	-5554.2								
8562	10.5	202737.0	-5514.1								
8563	9.8	202741.0	-5550.8								
8564	10.0	202753.2	-5525.1								
8565	10.0	202756.1	-5505.1								
8566	9.2	202821.1	-5515.1								
8567	11.0	202821.5	-5543.2								
8568	9.3	202826.8	-5521.1								
8569	11.3	202829.3	-5549.7								
8570	10.0	202829.7	-5507.1								
8571	8.9	202839.2	-5534.0								
8572	11.5	202840.5	-5559.2								
8573	10.0	202844.4	-5535.1								
8574	9.4	202856.0	-5557.2								
8575	8.5	202924.0	-5533.2								
8576	8.3	202929.5	-5506.7								
8577	11.0	202930.5	-5553.5								
8578	11.3	202940.2	-5546.5								
8579	10.0	202940.4	-5528.2								
8580	10.0	202942.2	-5519.2								

8581	10.8	202952.8	-5519.0	8671	10.0	204852.4	-5539.8	8761	10.0	210357.9	-5536.0
8582	9.3	202957.6	-5510.6	8672	10.8	204856.8	-5557.5	8762	10.0	210407.1	-5518.0
8583	10.0	203009.2	-5546.2	8673	10.8	204858.0	-5558.5	8763	9.7	210409.5	-5521.0
8584	10.0	203015.6	-5510.2	8674	10.0	204909.2	-5509.8	8764	7.2	210425.2	-5530.0
8585	9.6	203017.6	-5557.2	8675	10.0	204936.0	-5528.8	8765	10.0	210439.0	-5502.0
8586	9.9	203019.2	-5503.8	8676	10.0	204937.7	-5523.8	8766	10.0	210446.3	-5516.0
8587	10.8	203025.7	-5559.2	8677	11.0	205004.3	-5542.0	8767	10.0	210509.2	5517.0
8588	10.0	203041.6	-5533.2	8678	10.0	205011.2	-5539.4	8768	10.0	210512.7	-5507.0
8589	10.0	203052.8	-5522.5	8679	9.6	205012.4	-5500.8	8769	10.3	210519.6	-5545.3
8590	9.5	203054.5	-5556.2	8680	10.0	205030.0	-5505.8	8770	9.5	210519.9	-5515.0
8591	10.0	203056.7	-5514.2	8681	10.0	205032.0	-5527.8	8771	10.0	210522.3	-5503.0
8592	10.0	203206.1	-5506.2	8682	9.9	205037.0	-5532.8	8772	9.9	210545.5	-5514.0
8593	10.0	203212.4	-5515.2	8683	10.0	205045.3	-5516.8	8773	10.3	210608.8	-5559.5
8594	9.4	203215.8	-5556.8	8684	10.0	205049.3	-5514.4	8774	10.0	210617.3	-5536.0
8595	11.3	203231.5	-5552.3	8685	10.0	205052.6	-5508.8	8775	10.3	210620.5	-5541.9
8596	10.0	203236.5	-5519.2	8686	10.5	205111.3	-5542.0	8776	10.5	210620.8	-5534.2
8597	9.7	203237.9	-5533.2	8687	9.2	205115.2	-5523.8	8777	9.5	210636.2	-5527.0
8598	10.0	203301.8	-5527.2	8688	11.3	205115.3	-5558.6	8778	11.0	210708.0	-5559.5
8599	9.8	203341.3	-5506.2	8689	10.5	205122.5	-5551.4	8779	7.6	210721.0	-5522.2
8600	9.3	203402.4	-5506.2	8690	11.0	205125.8	-5548.0	8780	9.3	210723.6	-5544.0
8601	10.8	203424.2	-5534.8	8691	8.5	205128.7	-5505.8	8781	10.0	210725.9	-5505.0
8602	10.0	203440.6	-5515.2	8692	10.3	205137.9	-5553.6	8782	11.0	210729.2	-5547.5
8603	10.0	203451.2	-5530.2	8693	10.0	205145.8	-5500.8	8783	9.6	210736.6	-5515.0
8604	9.7	203454.2	-5533.0	8694	11.0	205147.4	-5542.0	8784	9.1	210831.4	-5518.0
8605	10.0	203458.0	-5549.3	8695	10.5	205214.5	-5540.9	8785	10.0	210841.0	-5514.2
8606	10.0	203535.1	-5532.2	8696	10.3	205226.6	-5544.4	8786	10.5	210857.8	-5539.6
8607	10.0	203548.3	-5538.2	8697	10.0	205229.8	-5529.8	8787	8.3	210913.0	-5539.0
8608	10.0	203549.8	-5522.2	8698	10.5	205230.6	-5539.9	8788	10.0	210921.2	-5509.8
8609	8.2	203555.0	-5513.2	8699	10.0	205303.3	-5524.6	8789	10.0	210927.6	-5512.0
8610	10.0	203600.5	-5500.2	8700	9.5	205309.4	-5554.2	8790	10.5	210947.4	-5537.8
8611	10.0	203648.3	-5511.2	8701	10.5	205314.3	-5537.4	8791	10.0	211010.3	-5524.0
8612	10.0	203650.9	-5516.2	8702	10.0	205317.9	-5533.8	8792	10.0	211013.5	-5537.0
8613	10.0	203652.6	-5540.2	8703	10.0	205331.0	-5513.9	8793	11.5	211024.2	-5552.6
8614	10.5	203711.2	-5537.3	8704	10.3	205346.6	-5534.4	8794	8.2	211035.7	-5505.0
8615	10.0	203713.7	-5507.2	8705	10.0	205404.2	-5508.9	8795	11.0	211043.3	-5544.6
8616	10.0	203718.4	-5508.2	8706	10.5	205426.4	-5537.5	8796	10.0	211055.6	-5504.2
8617	10.0	203725.5	-5503.7	8707	10.0	205430.0	-5522.9	8797	11.3	211058.3	-5552.6
8618	10.0	203731.0	-5524.7	8708	10.0	205440.0	-5538.9	8798	10.0	211059.2	-5512.2
8619	10.0	203733.1	-5534.7	8709	8.5	205455.0	-5549.2	8799	10.0	211143.2	-5509.2
8620	10.0	203751.5	-5500.7	8710	9.9	205501.3	-5500.9	8800	9.6	211156.7	-5531.2
8621	9.8	203755.9	-5520.7	8711	10.0	205503.3	-5511.9	8801	10.0	211204.0	-5521.2
8622	10.0	203756.8	-5528.7	8712	9.3	205528.8	-5549.4	8802	11.5	211216.1	-5547.7
8623	10.0	203758.4	-5530.7	8713	10.0	205543.0	-5533.9	8803	8.7	211221.3	-5516.3
8624	10.8	203928.7	-5554.3	8714	11.0	205544.8	-5551.1	8804	10.0	211230.6	-5504.2
8625	9.6	203934.6	-5540.1	8715	10.0	205547.0	-5520.9	8805	10.0	211258.1	-5532.0
8626	10.8	203936.8	-5542.3	8716	11.0	205557.6	-5552.1	8806	10.0	211312.8	-5509.2
8627	9.1	203943.6	-5513.7	8717	5.2	205602.0	-5512.9	8807	9.4	211320.9	-5524.0
8628	10.0	204004.5	-5526.7	8718	10.5	205639.4	-5558.4	8808	9.7	211338.5	-5559.8
8629	10.3	204020.9	-5538.0	8719	10.5	205645.4	-5555.3	8809	9.3	211358.3	-5558.2
8630	10.0	204036.2	-5508.7	8720	10.0	205648.5	-5510.9	8810	10.0	211400.6	-5508.4
8631	10.0	204039.7	-5504.7	8721	9.3	205702.4	-5543.4	8811	11.3	211407.2	-5548.8
8632	9.7	204106.2	-5544.3	8722	10.0	205703.9	-5503.9	8812	9.4	211413.2	-5531.2
8633	9.4	204112.2	-5549.6	8723	10.8	205708.4	-5536.5	8813	10.0	211413.6	-5524.2
8634	10.0	204123.0	-5524.7	8724	11.3	205710.5	-5554.1	8814	9.5	211422.1	-5501.2
8635	10.0	204126.7	-5510.7	8725	7.6	205718.0	-5526.9	8815	11.5	211445.2	-5541.8
8636	10.0	204129.0	-5525.7	8726	10.0	205738.4	-5502.9	8816	10.0	211451.2	-5508.0
8637	10.0	204131.3	-5547.0	8727	9.7	205739.7	-5559.0	8817	10.0	211451.4	-5515.2
8638	10.0	204145.7	-5524.7	8728	11.0	205751.8	-5554.2	8818	10.8	211452.2	-5550.6
8639	10.0	204147.9	-5530.7	8729	10.0	205802.3	-5530.9	8819	9.0	211459.6	-5518.2
8640	10.0	204219.2	-5504.7	8730	9.7	205820.7	-5507.9	8820	11.5	211522.8	-5529.2
8641	10.0	204224.8	-5503.7	8731	9.1	205841.8	-5537.4	8821	9.0	211527.0	-5506.3
8642	10.0	204232.1	-5530.7	8732	9.7	205842.9	-5548.8	8822	10.5	211534.6	-5549.8
8643	10.0	204242.9	-5517.7	8733	8.8	205846.6	-5555.3	8823	9.9	211541.7	-5523.2
8644	10.3	204244.4	-5537.8	8734	8.8	205848.6	-5514.6	8824	9.1	211609.2	-5557.9
8645	10.5	204244.9	-5555.6	8735	10.0	205851.6	-5512.9	8825	9.3	211631.1	-5503.3
8646	10.5	204256.8	-5546.4	8736	9.7	205853.6	-5549.8	8826	6.2	211720.2	-5512.2
8647	10.0	204322.6	-5526.9	8737	11.3	205856.5	-5553.3	8827	10.0	211743.6	-5501.0
8648	9.5	204322.8	-5543.6	8738	10.0	205903.7	-5527.9	8828	9.4	211752.0	-5508.2
8649	9.9	204332.2	-5554.6	8739	10.3	205929.7	-5546.1	8829	10.0	211752.7	-5514.2
8650	8.7	204334.0	-5501.7	8740	8.3	205951.6	-5548.0	8830	11.3	211810.0	-5540.0
8651	10.0	204338.7	-5551.4	8741	10.0	205959.7	-5510.9	8831	10.0	211846.8	-5531.2
8652	11.0	204345.1	-5538.4	8742	10.3	210016.2	-5536.2	8832	9.3	211858.5	-5512.9
8653	9.9	204358.7	-5544.5	8743	11.3	210031.2	-5553.3	8833	10.0	211915.8	-5526.2
8654	10.0	204412.1	-5522.7	8744	9.9	210038.0	-5533.9	8834	9.2	211916.6	-5542.2
8655	10.0	204419.6	-5528.7	8745	8.6	210055.4	-5514.9	8835	11.0	211918.9	-5556.0
8656	10.0	204441.8	-5513.7	8746	11.0	210100.2	-5543.6	8836	9.9	211919.4	-5542.8
8657	10.0	204449.1	-5531.7	8747	7.2	210116.4	-5504.9	8837	10.0	211957.5	-5505.6
8658	10.0	204450.0	-5530.7	8748	10.0	210128.9	-5540.9	8838	10.0	212009.7	-5518.2
8659	11.0	204530.8	-5555.4	8749	9.6	210131.4	-5518.9	8839	9.3	212011.4	-5542.3
8660	10.0	204532.4	-5521.7	8750	10.8	210133.0	-5542.6	8840	9.7	212031.5	-5534.0
8661	10.0	204536.8	-5517.7	8751	10.0	210204.0	-5541.9	8841	10.0	212056.0	-5534.2
8662	10.0	204541.0	-5503.7	8752	10.5	210205.4	-5540.6	8842	8.3	212100.8	-5519.2
8663	9.4	204542.9	-5555.6	8753	10.0	210208.8	-5512.8	8843	10.8	212109.5	-5540.6
8664	10.0	204549.3	-5510.5	8754	10.0	210218.4	-5538.9	8844	9.3	212118.5	-5504.0
8665	10.0	204549.5	-5512.0	8755	10.0	210234.7	-5507.9	8845	11.0	212126.8	-5557.2
8666	7.8	204648.1	-5541.7	8756	10.0	210310.6	-5528.0	8846	10.0	212147.2	-5522.2
8667	9.5	204735.5	-5506.8	8757	10.0	210324.9	-5527.2	8847	11.5	212205.0	-5548.8
8668	9.1	204816.0	-5554.6	8758	9.1	210342.5	-5504.0	8848	8.1	212214.9	-5549.3
8669	10.0	204827.4	-5505.8	8759	10.0	210356.6	-5534.0	8849	10.0	212215.6	-5524.4
8670	10.0	204829.4	-5505.8	8760	10.5	210356.7	-5544.8	8850	10.0	212240.0	-5529.7
8851	11.5	212248.9	-5544.3								
8852	10.0	212331.0	-5502.2								
8853	9.5	212351.5	-5556.6								
8854	9.7	212403.7	-5555.8								
8855	11.0	212407.1	-5546.3								
8856	11.0	212407.2	-5549.3								
8857	10.0	212414.4	-5523.5								
8858	10.0	212502.6	-5503.4								
8859	9.7	212525.9	-5506.2								
8860	10.0	212538.0	-5534.4								
8861	10.5	212601.6	-5541.2								
8862	8.6	212616.8	-5507.9								
8863	11.0	212630.7	-5557.4								
8864	10.0	212634.5	-5518.2								
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8866	10.0	212655.5	-5502.2								
8867	10.3	212659.8	-5542.4								
8868	9.6	212700.2	-5508.2								
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8870	9.5	212714.6	-5521.2								
8871	9.7	212717.8	-5540.6								
8872	10.0	212752.7	-5524.2								
8873	10.0	212802.0	-5517.8								
8874	10.0	212813.5	-5507.2								
8875	9.4	212816.2	-5502.0								
8876	10.0	212822.0	-5504.2								
8877	9.6	212824.4	-5502.2								
8878	9.6	212851.0	-5533.2								
8879	9.8	212857.2	-5540.4								
8880	9.9	212914.0	-5536.3								
8881	9.4	212924.7	-5540.3								
8882	10.0	212941.5	-5537.2								
8883	9.9	212945.8	-5514.2								
8884	8.4	213014.0	-5525.3								
8885	10.0	213018.3	-5522.0								
8886	10.0	213034.6	-5512.2								
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8889	10.3	213104.7	-5537.3								
8890	9.8	213105.2	-5516.2								
8891	9.8	213138.8	-5503.0								
8892	10.3	213139.2	-5547.5								
8893	8.5	213158.0	-5554.0								
8894	9.4	213205.5	-5508.4								
8895	10.0	213212.0	-5526.4								
8896	11.0	213214.3	-5547.5								
8897	10.0	213215.1	-5530.2								
8898	9.7	213232.1	-5540.0								
8899	11.0	213238.9	-5543.5								
8900	10.0	213239.4	-5530.2								
8901	10.0	213301.3	-5521.2								
8902	9.6	213303.8	-5509.2								
8903	10.0	213309.0	-5533.2								
8904	10.0	213309.7	-5529.8								
8905	10.0	213318.8	-5514.2								
8906	10.0	213341.1	-5500.2								
8907	10.0	213353.2	-5511.0								
8908	10.0	213407.3	-5519.2								
8909	10.8	213424.3	-5559.5								
8910	10.0	213426.8	-5500.6								
8911	10.8	213431.0	-5558.5								
8912	10.0	213441.8	-5537.2								
8913	10.0	213443.7	-5524.2								
8914	9.7	213449.5	-5540.7								
8915	9.7	213512.5	-5517.5								
8916	7.3	213514.4	-5503.8								
8917	7.8	213517.8	-5537.6								
8918	10.5	213536.6	-5517.5								
8919	10.5	213546.9	-5517.8								
8920	10.3	213601.2	-5515.8								
8921	9.4	213647.5	-5550.8								
8922	9.8	213702.5	-5508.8								
8923	10.0	213729.3	-5521.8								
8924	11.0	213739.5	-5527.8								
8925	9.7	213741.9	-5501.8								
8926	10.0	213800.6	-5532.8								
8927	10.3	213802.3	-5546.3								
8928	11.0	213803.2	-5547.3								
8929	11.0	213811.9	-5540.6								
8930	9.6	213814.9	-5544.8								
8931	10.0	213816.9	-5502.0								
8932	10.0	213826.4	-5533.7								
8933	10.0	213830.8	-5546.6								
8934	10.0	213907.0	-5534.9								
8935	11.5	213912.8	-5550.7								
8936	11.0	213934.9	-5544.7								
8937	9.9	213945.0	-5520.4								
8938	10.0	213947.0	-5521.6								
8939	10.5	213952.0	-5546.7								
8940	11.3	213953.7	-5555.7								

8941	9.9	214006.0	-5522.6	9031	10.0	220100.2	-5524.7	9121	8.0	222755.0	-5542.0
8942	10.0	214018.4	-5538.6	9032	9.2	220108.8	-5539.0	9122	7.9	222810.4	-5515.4
8943	9.0	214040.2	-5526.0	9033	10.0	220138.5	-5523.7	9123	7.5	222813.0	-5550.0
8944	10.5	214044.6	-5558.7	9034	10.0	220214.2	-5514.3	9124	10.5	222925.2	-5504.4
8945	9.8	214051.2	-5547.7	9035	9.6	220229.2	-5559.3	9125	10.5	222940.2	-5547.1
8946	10.0	214119.5	-5513.0	9036	10.0	220235.7	-5501.7	9126	11.5	223022.2	-5548.1
8947	9.8	214153.4	-5552.7	9037	10.8	220252.0	-5556.7	9127	10.0	223030.1	-5521.4
8948	7.7	214200.8	-5544.7	9038	9.5	220321.0	-5558.3	9128	9.3	223041.4	-5533.4
8949	10.0	214221.6	-5512.0	9039	9.4	220356.7	-5535.3	9129	8.5	223131.6	-5548.1
8950	7.2	214319.2	-5514.0	9040	9.3	220358.3	-5535.7	9130	9.1	223135.5	-5520.4
8951	10.0	214324.5	-5525.1	9041	9.5	220359.8	-5516.5	9131	8.5	223136.5	-5552.1
8952	10.0	214328.8	-5535.6	9042	10.0	220401.2	-5501.8	9132	9.7	223139.8	-5521.4
8953	9.4	214336.9	-5540.0	9043	9.4	220402.3	-5548.3	9133	11.0	223200.2	-5542.1
8954	9.3	214418.5	-5519.0	9044	9.7	220444.6	-5552.3	9134	8.7	223225.4	-5558.1
8955	10.0	214429.7	-5504.0	9045	11.0	220450.3	-5520.0	9135	9.5	223250.2	-5529.4
8956	10.0	214438.0	-5527.0	9046	10.0	220525.8	-5501.2	9136	11.5	223306.8	-5558.1
8957	9.9	214446.3	-5523.8	9047	8.0	220544.6	-5555.4	9137	9.7	223328.9	-5549.1
8958	10.0	214500.0	-5512.0	9048	8.9	220547.3	-5552.4	9138	10.5	223347.2	-5538.2
8959	9.9	214501.9	-5511.3	9049	9.3	220552.0	-5513.2	9139	10.0	223354.4	-5520.4
8960	9.1	214521.0	-5508.2	9050	10.0	220618.9	-5533.7	9140	10.0	223439.5	-5517.4
8961	11.0	214545.4	-5512.2	9051	11.0	220619.3	-5524.8	9141	11.0	223450.4	-5555.1
8962	9.5	214556.6	-5546.0	9052	10.5	220636.2	-5559.4	9142	10.0	223453.8	-5522.7
8963	10.0	214620.0	-5520.2	9053	10.0	220639.0	-5539.2	9143	10.0	223456.1	-5531.4
8964	9.8	214644.1	-5540.0	9054	10.0	220654.6	-5534.0	9144	10.0	223517.6	-5525.4
8965	10.8	214648.4	-5505.0	9055	10.3	220726.1	-5558.4	9145	10.0	223525.6	-5506.4
8966	9.7	214657.2	-5554.9	9056	10.0	220738.0	-5521.2	9146	11.5	223538.4	-5554.2
8967	9.6	214754.3	-5541.9	9057	10.0	220759.6	-5533.0	9147	10.0	223547.0	-5516.4
8968	10.8	214800.4	-5535.2	9058	10.0	220759.7	-5538.3	9148	10.0	223610.9	-5515.9
8969	9.9	214801.2	-5551.9	9059	9.5	220914.5	-5534.6	9149	10.0	223614.9	-5538.5
8970	9.6	214804.2	-5549.7	9060	9.6	221001.8	-5503.2	9150	11.0	223617.6	-5550.2
8971	10.8	214808.0	-5507.2	9061	9.8	221049.2	-5522.2	9151	9.9	223623.4	-5516.5
8972	10.3	214839.6	-5539.1	9062	10.0	221108.8	-5512.2	9152	11.0	223644.8	-5542.2
8973	10.0	214843.8	-5531.2	9063	10.0	221111.9	-5516.2	9153	11.0	223654.1	-5548.2
8974	9.6	214907.4	-5513.2	9064	10.8	221135.4	-5555.5	9154	11.5	223704.2	-5547.2
8975	10.0	214922.6	-5523.2	9065	8.8	221145.8	-5535.2	9155	10.5	223716.6	-5540.4
8976	4.6	214923.8	-5535.0	9066	10.0	221248.4	-5504.2	9156	11.0	223744.7	-5555.2
8977	10.8	215002.8	-5521.2	9067	9.6	221249.1	-5552.6	9157	10.3	223752.5	-5552.2
8978	9.8	215006.4	-5514.2	9068	9.1	221310.1	-5537.6	9158	6.5	223820.4	-5543.2
8979	10.0	215010.8	-5500.2	9069	10.0	221340.8	-5512.2	9159	10.0	223834.2	-5504.4
8980	10.0	215052.2	-5538.3	9070	10.0	221347.8	-5546.6	9160	10.0	223836.6	-5534.4
8981	10.0	215100.5	-5536.9	9071	8.3	221348.4	-5538.6	9161	9.4	223848.5	-5501.4
8982	10.0	215105.9	-5502.3	9072	9.6	221401.2	-5522.0	9162	10.0	223901.5	-5511.7
8983	10.0	215113.2	-5518.3	9073	9.0	221412.4	-5512.0	9163	8.2	223920.3	-5504.4
8984	11.0	215121.5	-5554.6	9074	9.4	221427.6	-5548.6	9164	9.0	223936.5	-5504.4
8985	9.5	215129.8	-5514.5	9075	10.0	221508.4	-5514.3	9165	10.0	223942.2	-5513.4
8986	9.8	215131.8	-5532.3	9076	9.6	221527.0	-5554.6	9166	10.0	223946.1	-5527.4
8987	10.0	215145.5	-5538.3	9077	10.5	221533.2	-5513.0	9167	11.5	223949.2	-5551.0
8988	11.0	215151.7	-5547.6	9078	10.5	221540.8	-5544.6	9168	8.3	224002.9	-5509.5
8989	9.9	215204.3	-5504.3	9079	9.5	221552.6	-5534.7	9169	10.0	224013.6	-5508.5
8990	9.9	215209.3	-5504.3	9080	9.7	221557.5	-5501.3	9170	10.5	224032.2	-5540.8
8991	11.0	215245.3	-5540.2	9081	9.2	221610.2	-5538.8	9171	9.7	224036.6	-5525.5
8992	10.3	215247.9	-5554.4	9082	10.0	221618.6	-5526.3	9172	10.0	224044.3	-5530.5
8993	10.8	215252.3	-5517.4	9083	10.8	221645.0	-5559.7	9173	10.5	224045.2	-5537.0
8994	10.8	215309.4	-5539.0	9084	9.7	221707.7	-5543.7	9174	9.3	224103.6	-5501.5
8995	9.5	215312.5	-5501.4	9085	10.5	221713.2	-5506.6	9175	8.6	224149.4	-5527.5
8996	11.0	215313.5	-5517.4	9086	10.0	221719.4	-5510.3	9176	7.2	224218.6	-5554.0
8997	11.0	215329.5	-5528.4	9087	10.0	221735.9	-5542.7	9177	8.0	224252.4	-5552.0
8998	8.8	215349.7	-5522.0	9088	10.0	221740.9	-5510.3	9178	11.0	224252.4	-5545.0
8999	9.0	215349.8	-5505.4	9089	11.0	221745.2	-5558.7	9179	10.0	224255.9	-5532.5
9000	11.0	215400.0	-5523.6	9090	10.0	221750.4	-5515.0	9180	10.5	224259.7	-5509.5
9001	10.0	215422.2	-5507.6	9091	10.0	221839.7	-5504.3	9181	11.0	224308.8	-5549.0
9002	11.0	215423.8	-5535.0	9092	10.5	221844.7	-5508.3	9182	10.0	224316.4	-5516.5
9003	9.9	215448.3	-5529.4	9093	8.7	221846.9	-5516.3	9183	10.0	224343.4	-5530.5
9004	10.8	215455.2	-5538.4	9094	10.0	221847.5	-5523.3	9184	11.5	224402.7	-5544.0
9005	9.8	215546.4	-5509.3	9095	9.5	222016.2	-5550.7	9185	10.0	224446.3	-5505.5
9006	10.8	215627.5	-5518.1	9096	10.0	222026.4	-5509.3	9186	10.3	224448.4	-5539.8
9007	10.0	215659.0	-5534.5	9097	10.0	222030.7	-5515.3	9187	9.7	224511.7	-5551.0
9008	10.0	215711.2	-5509.8	9098	10.0	222033.7	-5516.3	9188	8.3	224524.8	-5529.5
9009	9.2	215712.0	-5533.4	9099	10.0	222141.4	-5517.3	9189	10.3	224602.8	-5541.8
9010	10.3	215713.8	-5538.1	9100	10.0	222151.2	-5513.3	9190	8.3	224624.4	-5523.5
9011	9.3	215719.2	-5512.5	9101	9.4	222219.1	-5532.3	9191	10.0	224628.1	-5526.5
9012	10.0	215732.3	-5539.2	9102	10.0	222330.5	-5532.3	9192	8.6	224703.8	-5522.5
9013	10.0	215733.3	-5515.5	9103	9.6	222346.8	-5513.3	9193	11.5	224706.8	-5555.0
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9015	10.0	215741.9	-5524.5	9105	9.5	222413.5	-5546.0	9195	10.0	224824.2	-5511.6
9016	10.5	215807.2	-5535.6	9106	11.5	222426.3	-5542.0	9196	9.9	224915.8	-5554.0
9017	11.0	215826.5	-5537.8	9107	10.0	222441.9	-5508.3	9197	10.0	224930.0	-5504.6
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9019	10.0	215839.2	-5521.6	9109	10.0	222559.8	-5509.6	9199	8.6	224949.0	-5536.3
9020	10.3	215839.8	-5556.2	9110	10.5	222612.5	-5511.4	9200	11.5	225006.2	-5539.0
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9022	9.8	215850.2	-5519.3	9112	8.8	222636.8	-5554.0	9202	10.0	225022.1	-5532.6
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9024	10.0	215925.3	-5512.5	9114	11.0	222705.9	-5543.0	9204	11.3	225033.3	-5541.0
9025	10.0	215945.3	-5543.2	9115	10.5	222712.9	-5540.7	9205	9.4	225041.1	-5530.6
9026	11.0	220001.6	-5528.4	9116	10.5	222722.8	-5504.4	9206	10.5	225114.0	-5524.6
9027	10.5	220020.3	-5514.6	9117	10.3	222726.5	-5505.4	9207	10.0	225140.5	-5532.6
9028	10.5	220046.7	-5547.2	9118	7.5	222730.8	-5550.0	9208	9.8	225147.0	-5509.6
9029	10.8	220047.8	-5545.2	9119	10.0	222731.5	-5524.4	9209	9.0	225152.5	-5501.6
9030	10.0	220059.2	-5521.0	9120	9.9	222734.2	-5531.4	9210	9.8	225209.7	-5523.6
9211	9.7	225217.4	-5506.6								
9212	11.0	225257.3	-5543.0								
9213	10.0	225306.9	-5536.6								
9214	9.4	225313.6	-5511.6								
9215	11.0	225316.5	-5541.0								
9216	10.5	225318.7	-5520.6								
9217	10.5	225349.4	-5501.6								
9218	9.3	225352.0	-5531.6								
9219	11.0	225355.2	-5511.6								
9220	11.0	225402.2	-5509.6								
9221	11.3	225418.0	-5543.0								
9222	9.0	225430.1	-5556.0								
9223	10.0	225433.3	-5521.6								
9224	10.3	225450.2	-5529.6								
9225	10.0	225513.3	-5520.6								
9226	9.9	225519.5	-5542.3								
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9230	9.9	225719.6	-5544.0								
9231	9.7	225806.6	-5511.7								
9232	11.0	225814.2	-5532.7								
9233	11.0	225815.2	-5513.1								
9234	10.3	225914.1	-5520.7								
9235	9.9	225920.5	-5558.1								
9236	11.3	225933.1	-5540.1								
9237	10.0	225945.8	-5511.7								
9238	9.8	225958.1	-5555.1								
9239	10.8	230004.3	-5530.7								
9240	10.8	230032.8	-5532.7								
9241	9.0	230047.8	-5537.9								
9242	11.0	230119.0	-5546.1								
9243	10.8	230210.3	-5508.7								
9244	10.0	230214.1	-5500.7								
9245	9.8	230219.5	-5557.1								
9246	10.0	230223.5	-5554.1								
9247	8.8	230225.5	-5519.7								
9248	9.3	230235.9	-5517.7								
9249	9.6	230317.9	-5552.1								
9250	9.3	230340.3	-5512.7								
9251	9.6	230341.4	-5554.1								
9252	10.5	230400.3	-5504.7								
9253	9.4	230456.4	-5532.7								
9254	7.6	230549.6	-5547.1								
9255	11.0	230549.6	-5537.1								
9256	10.3	230559.7	-5513.7								
9257	10.0	230648.8	-5513.7								
9258	9.4	230702.0	-5513.0								
9259	9.6	230720.4	-5535.9								
9260	9.0	230729.8	-5511.7								
9261	10.8	230747.2	-5551.1								
9262	10.5	230749.7	-5550.1								
9263	11.5	230756.7	-5555.1								
9264	9.6	230803.4	-5543.1								
9265	9.9	230806.7	-5554.1								
9266	11.3	230812.6	-5538.7								
9267	10.3	230825.1	-5521.7								
9268	10.0	230910.2	-5506.8								
9269	9.6	230914.4	-5514.8								
9270	10.0	230919.5	-5517.8								
9271	9.8	230926.0	-5513.8								
9272	9.3	230937.3	-5522.8								
9273	8.2	231004.8	-5537.0								
9274	10.5	231037.7	-5506.8								
9275	9.5	231044.1	-5509.8								
9276	9.8	231055.2	-5559.1								
9277	8.3	231116.6	-5519.8								
9278	9.5	231123.6	-5543.1								
9279	9.2	231129.8	-5551.1								
9280	10.0	231146.4	-5507.8								
9281	11.5	231205.3	-5534.8								
9282	9.9	231218.6	-5502.8								
9283	10.5	231224.3	-5545.1								
9284	9.0	231240.7	-5524.0								
9285	11.0	231304.7	-5549.1								
9286	9.5	231305.2	-5509.0								
9287	11.0	231317.2	-5535.9								
9288	10.0	231333.2	-5501.0								
9289	10.5	231334.5	-5536.0								
9290	11.5	231336.8	-5547.1								
9291	10.5	231419.2	-5509.0								
9292	9.8	231419.4	-5537.0								
9293	11.0	231426.1	-5507.0								
9294	11.0	231505.5	-5516.0								
9295	9.7	231538.3	-5526.0								
9296	11.0	231548.6	-5518.0								
9297	9.3	231601.2	-5540.0								
9298	11.0	231616.7	-5556.1								
9299	10.3	231631.0	-5534.6								
9300	10.3	231700.5	-5540.0								

9301	10.5	231722.4	-5540.0	9391	11.3	234232.4	-5514.9	31	9.7	00616.8	-5649.6
9302	11.0	231750.1	-5514.0	9392	9.3	234344.6	-5512.9	32	10.8	00643.4	-5604.2
9303	11.0	231757.2	-5501.0	9393	11.0	234354.5	-5544.3	33	10.3	00708.9	-5600.2
9304	11.3	231759.7	-5557.1	9394	11.3	234358.8	-5534.6	34	10.5	00738.2	-5600.2
9305	8.5	231808.1	-5518.0	9395	11.0	234409.7	-5504.9	35	9.5	00741.4	-5603.2
9306	9.3	231809.8	-5528.0	9396	10.5	234454.4	-5510.9	36	11.0	00741.7	-5618.2
9307	9.5	231819.0	-5539.6	9397	9.0	234457.4	-5555.5	37	10.3	00800.5	-5632.4
9308	11.0	231848.8	-5511.0	9398	9.4	234513.8	-5511.9	38	11.0	00815.4	-5605.2
9309	9.5	231848.9	-5546.1	9399	11.5	234551.4	-5534.9	39	9.4	00815.7	-5623.2
9310	9.3	231906.9	-5545.1	9400	11.0	234601.6	-5509.9	40	9.8	00849.7	-5620.2
9311	11.5	231910.8	-5527.0	9401	11.0	234629.8	-5550.3	41	10.0	00858.2	-5619.2
9312	9.3	231920.6	-5539.4	9402	7.6	234633.7	-5503.9	42	11.0	00938.0	-5653.6
9313	10.5	232006.2	-5543.1	9403	11.5	234740.7	-5506.9	43	11.3	01001.5	-5612.2
9314	11.0	232011.5	-5535.0	9404	9.5	234815.6	-5532.9	44	11.5	01005.2	-5635.2
9315	10.0	232028.6	-5509.0	9405	11.0	234822.6	-5520.9	45	10.8	01009.0	-5634.9
9316	9.7	232157.3	-5509.0	9406	10.3	234904.4	-5536.1	46	7.7	01022.1	-5610.2
9317	9.7	232201.1	-5502.0	9407	11.0	234909.7	-5515.9	47	8.4	01022.4	-5654.8
9318	6.5	232217.8	-5512.0	9408	9.8	235005.0	-5504.9	48	10.3	01023.7	-5621.2
9319	10.5	232224.6	-5559.1	9409	10.3	235008.4	-5506.9	49	9.8	01055.0	-5632.0
9320	9.7	232301.7	-5500.0	9410	12.0	235012.0	-5511.9	50	11.0	01159.3	-5652.9
9321	10.5	232312.4	-5540.1	9411	10.0	235107.4	-5526.9	51	9.0	01219.4	-5607.1
9322	10.0	232322.7	-5553.1	9412	9.5	235109.9	-5554.2	52	9.7	01221.3	-5656.9
9323	10.3	232336.3	-5528.0	9413	9.8	235119.7	-5534.6	53	9.6	01237.5	-5612.1
9324	11.0	232356.1	-5514.0	9414	10.0	235120.7	-5508.9	54	11.5	01251.5	-5619.1
9325	11.0	232422.7	-5553.1	9415	11.3	235148.3	-5541.2	55	10.8	01358.8	-5651.9
9326	10.5	232446.4	-5511.0	9416	8.7	235233.7	-5520.9	56	9.2	01406.4	-5641.9
9327	10.5	232512.1	-5516.0	9417	9.5	235239.8	-5543.2	57	11.3	01421.8	-5610.1
9328	11.0	232522.5	-5531.0	9418	11.3	235242.4	-5551.2	58	9.9	01448.6	-5616.1
9329	11.0	232523.7	-5544.2	9419	9.9	235250.4	-5503.9	59	10.5	01452.3	-5627.1
9330	9.8	232542.6	-5540.6	9420	11.0	235341.6	-5536.0	60	11.3	01502.0	-5614.1
9331	9.2	232550.0	-5541.6	9421	11.0	235405.6	-5504.9	61	11.3	01509.7	-5613.1
9332	10.3	232625.3	-5541.2	9422	9.6	235410.0	-5533.0	62	11.0	01526.2	-5629.5
9333	11.0	232649.1	-5509.0	9423	10.0	235420.0	-5530.9	63	10.0	01530.5	-5607.1
9334	10.3	232727.6	-5506.0	9424	11.3	235420.8	-5558.2	64	11.5	01533.5	-5605.1
9335	11.0	232740.3	-5534.0	9425	9.7	235429.9	-5526.9	65	11.3	01546.5	-5613.1
9336	9.0	232757.1	-5551.2	9426	9.3	235431.8	-5559.2	66	9.9	01615.4	-5608.1
9337	11.0	232827.7	-5547.2	9427	9.7	235510.3	-5503.9	67	9.1	01705.1	-5632.5
9338	11.3	232829.4	-5544.2	9428	10.0	235511.8	-5500.9	68	10.5	01755.8	-5640.9
9339	9.5	232838.5	-5557.2	9429	11.0	235528.3	-5525.9	69	9.9	01849.9	-5636.9
9340	10.3	232855.8	-5534.0	9430	11.3	235548.4	-5548.2	70	11.0	01925.7	-5604.1
9341	9.7	232909.1	-5521.0	9431	11.0	235557.6	-5508.9	71	10.5	01930.3	-5628.9
9342	11.0	232950.5	-5537.2	9432	11.5	235606.0	-5506.9	72	9.7	01959.3	-5645.9
9343	11.0	233002.8	-5521.0	9433	9.9	235614.9	-5539.0	73	11.0	02000.4	-5631.1
9344	11.0	233017.9	-5513.0	9434	11.0	235637.1	-5512.9	74	8.7	02003.5	-5656.9
9345	10.3	233025.4	-5518.0	9435	10.0	235646.4	-5542.2	75	10.8	02010.2	-5634.5
9346	10.3	233032.6	-5528.0	9436	10.0	235656.8	-5523.9	76	11.0	02012.0	-5631.9
9347	10.0	233054.9	-5519.0	9437	10.5	235708.8	-5524.9	77	11.0	02048.9	-5653.8
9348	11.0	233058.4	-5518.0	9438	10.0	235712.1	-5509.9	78	9.1	02058.4	-5635.4
9349	11.0	233100.0	-5557.2	9439	8.5	235722.8	-5541.2	79	10.5	02139.8	-5648.8
9350	10.5	233120.8	-5549.2	9440	10.5	235722.8	-5549.2	80	11.0	02238.5	-5628.1
9351	11.0	233156.5	-5551.2	9441	10.5	235822.9	-5503.9	81	8.7	02244.2	-5626.1
9352	11.0	233208.3	-5559.2	9442	10.3	235836.3	-5505.9	82	8.4	02311.1	-5620.1
9353	9.0	233208.6	-5528.0	9443	9.9	235846.4	-5549.2	83	9.8	02330.9	-5614.1
9354	9.7	233228.4	-5511.0	9444	9.8	235857.4	-5548.2	84	10.5	02349.4	-5638.8
9355	11.0	233249.1	-5534.2	9445	9.9	235910.1	-5522.9	85	9.9	02402.2	-5629.1
9356	11.0	233315.0	-5551.2	9446	11.3	235925.7	-5559.2	86	10.5	02437.0	-5652.8
9357	9.7	233400.0	-5503.0	9447	11.0	235926.9	-5508.9	87	9.8	02439.3	-5647.8
9358	9.5	233410.7	-5552.2	9448	10.8	235930.1	-5518.9	88	9.5	02451.1	-5618.1
9359	10.5	233412.4	-5514.0	9449	10.5	235937.4	-5504.9	89	10.8	02505.6	-5657.8
9360	8.5	233455.1	-5556.2	9450	9.5	235937.6	-5519.9	90	10.3	02511.4	-5638.8
9361	10.0	233458.6	-5524.0	1	11.0	00001.1	-5625.2	91	11.5	02514.9	-5606.1
9362	11.0	233503.5	-5520.0	2	9.8	00020.3	-5634.9	92	8.4	02527.9	-5655.8
9363	11.0	233531.3	-5557.2	3	11.5	00023.8	-5654.6	93	9.7	02532.7	-5653.8
9364	10.3	233629.6	-5549.2	4	11.0	00040.0	-5616.2	94	10.0	02548.9	-5637.8
9365	9.7	233638.3	-5544.2	5	10.8	00057.3	-5607.2	95	9.7	02619.1	-5602.1
9366	11.0	233700.8	-5531.0	6	11.3	00058.3	-5610.2	96	10.3	02652.3	-5643.8
9367	9.7	233702.8	-5532.0	7	7.5	00107.6	-5642.6	97	10.5	02657.4	-5630.0
9368	9.7	233702.8	-5538.2	8	10.8	00115.5	-5618.2	98	9.5	02659.4	-5636.4
9369	8.7	233717.3	-5553.2	9	9.8	00116.5	-5617.2	99	10.3	02721.6	-5646.8
9370	8.2	233727.6	-5523.9	10	10.3	00120.5	-5654.6	100	9.8	02731.7	-5636.0
9371	7.2	233735.2	-5507.9	11	9.1	00121.6	-5656.6	101	7.1	02737.8	-5601.1
9372	11.0	233745.4	-5538.0	12	10.8	00150.1	-5626.2	102	10.5	02749.4	-5619.1
9373	9.5	233746.1	-5529.9	13	9.5	00155.0	-5619.2	103	11.5	02752.7	-5614.1
9374	9.9	233801.9	-5533.9	14	10.5	00155.0	-5610.2	104	10.0	02827.5	-5654.8
9375	10.0	233807.9	-5501.9	15	11.3	00301.8	-5611.2	105	10.3	02857.0	-5654.8
9376	11.3	233811.2	-5549.2	16	8.2	00321.2	-5653.6	106	10.5	02913.5	-5626.1
9377	9.9	233839.4	-5514.9	17	9.9	00334.6	-5602.2	107	8.6	02914.7	-5653.8
9378	9.9	233848.2	-5521.9	18	11.0	00351.4	-5627.6	108	9.8	02952.5	-5650.8
9379	10.0	233849.3	-5516.9	19	10.3	00358.0	-5629.2	109	10.3	03015.0	-5630.4
9380	11.0	233914.4	-5553.2	20	9.3	00420.0	-5624.2	110	10.3	03017.5	-5650.8
9381	9.0	233930.3	-5541.2	21	11.3	00425.2	-5602.2	111	10.0	03019.9	-5621.1
9382	8.9	233940.3	-5519.9	22	11.0	00431.2	-5604.2	112	9.9	03029.2	-5606.1
9383	11.0	233953.5	-5553.2	23	11.3	00443.3	-5611.2	113	10.3	03047.5	-5655.8
9384	10.0	234001.5	-5517.9	24	8.3	00515.9	-5627.2	114	10.3	03051.7	-5638.8
9385	9.7	234006.5	-5556.2	25	9.6	00538.8	-5653.6	115	9.0	03140.9	-5620.1
9386	11.0	234051.2	-5552.2	26	10.8	00543.4	-5629.6	116	10.0	03144.2	-5613.1
9387	9.0	234111.6	-5559.2	27	11.3	00553.5	-5624.2	117	10.5	03149.6	-5640.8
9388	11.0	234125.3	-5513.9	28	9.9	00605.2	-5601.2	118	8.5	03150.3	-5621.1
9389	10.8	234135.5	-5517.9	29	11.0	00611.6	-5625.2	119	10.8	03242.4	-5632.0
9390	11.0	234226.9	-5538.9	30	10.5	00614.1	-5639.6	120	9.1	03249.3	-5602.1
121	9.8	03321.0	-5657.7
122	9.1	03359.7	-5638.7
123	11.0	03403.9	-5614.1
124	9.5	03410.7	-5636.9
125	9.5	03426.5	-5652.7
126	9.6	03443.0	-5656.7
127	7.0	03445.6	-5612.1
128	10.0	03452.9	-5615.1
129	7.4	03619.1	-5628.1
130	8.8	03701.8	-5631.4
131	10.8	03712.7	-5606.1
132	9.4	03748.6	-5647.7
133	10.5	03800.4	-5624.1
134	11.0	03816.7	-5634.1
135	9.6	03821.1	-5650.7
136	10.5	03823.5	-5646.7
137	9.8	03904.3	-5605.1
138	10.3	03927.3	-5607.1
139	9.5	03939.7	-5642.7
140	10.3	03944.8	-5634.9
141	9.2	03952.2	-5601.1
142	11.0	04013.7	-5600.1
143	10.0	04059.7	-5645.7
144	8.3	04109.5	-5619.1
145	10.0	04137.3	-5639.7
146	10.8	04141.3	-5631.1
147	9.8	04150.7	-5601.9
148	9.8	04201.7	-5639.7
149	9.7	04213.1	-5658.7
150	10.8	04252.1	-5623.9
151	9.3	04311.2	-5645.7
152	9.4	04328.7	-5646.7
153	10.5	04331.1	-5625.9
154	10.3	04335.6	-5625.9
155	9.4	04355.6	-5626.9
156	10.5	04359.1	-5656.7
157	9.9	04447.2	-5648.7
158	10.0	04455.3	-5638.7
159	9.6	04501.1	-5627.9
160	9.4	04513.7	-5628.9
161	9.7	04601.0	-5627.8
162	9.5	04614.9	-5628.7
163	10.0	04616.4	-5600.9
164	11.0	04632.2	-5603.9
165	9.5	04652.0	-5659.7
166	10.3	04704.0	-5630.7
167	10.5	04706.7	-5649.7
168	10.3	04707.0	-5637.7
169	10.5	04709.3	-5658.7
170	9.8	04745.4	-5619.9
171	10.0	04912.5	-5608.9
172	9.9	04914.0	-5619.9
173	10.8	04923.5	-5616.9
174	10.8	04933.5	-5608.9
175	10.8	04951.4	-5646.7
176	9.7	05017.0	-5638.7
177	10.8	05103.8	-5651.7
178	10.0	05104.2	-5623.9
179	10.5	05107.5	-5630.8
180	10.3	05224.8	-5654.7
181	10.5	05227.4	-5642.7
182	11.0	05232.5	-5608.9
183	9.0	05239.8	-5628.3
184	11.0	05248.2	-5630.9
185	10.5	05250.7	-5641.7
186	10.5	05325.3	-5610.9
187	9.4	05345.3	-5613.9
188	10.3	05350.7	-5645.7
189	9.2	05419.2	-5603.9
190	11.5	05446.8	-5610.9
191	9.8	05451.0	-5620.9
192	9.7	05459.2	-5600.9
193	9.8	05513.9	-5642.7
194	8.6	05552.1	-5649.7
195	9.7	05608.7	-5624.9
196	11.0	05608.7	-5613.9
197	10.5	05623.2	-5629.9
198	9.7	05628.6	-5650.7
199	11.0	05631.0	-5608.9
200	8.6	05701.6	-5655.7
201	9.9	05701.8	-5608.9
202	9.8	05720.5	-5615.9
203	7.9	05733.7	-5643.7
204	9.9	05754.4	-5634.8
205	10.5	05844.6	-5650.7
206	8.7	05924.5	-5607.9
207	11.0	05934.8	-5609.9
208	9.7	05958.6	-5658.7
209	9.5	05959.8	-5635.7
210	9.3	10004.1	-5601.9

-56 211 1h00m

-56 570 2h46m

211	9.3	10011.2 -5643.7	301	10.3	12502.9 -5628.9	391	11.0	15532.0 -5659.3	481	6.3	21551.7 -5631.4
212	10.8	10052.4 -5625.9	302	9.0	12505.3 -5649.9	392	11.0	15539.6 -5647.3	482	11.3	21556.4 -5626.9
213	10.8	10059.3 -5604.9	303	10.3	12550.7 -5609.9	393	11.3	15539.6 -5642.3	483	7.2	21613.6 -5640.9
214	9.7	10111.9 -5649.7	304	7.6	12636.6 -5636.9	394	11.3	15620.0 -5620.3	484	9.9	21619.7 -5603.9
215	8.8	10117.1 -5645.6	305	9.5	12710.8 -5606.9	395	11.8	15641.0 -5615.3	485	10.3	21654.7 -5653.9
216	10.0	10155.5 -5611.9	306	9.7	12720.1 -5651.9	396	11.5	15643.0 -5606.3	486	10.8	21705.7 -5629.9
217	8.3	10159.3 -5646.6	307	9.5	12733.2 -5641.9	397	11.0	15722.4 -5633.3	487	10.8	21711.4 -5624.9
218	9.4	10218.5 -5632.8	308	9.9	12807.2 -5619.9	398	10.8	15728.5 -5605.3	488	9.4	21720.2 -5649.9
219	9.8	10234.9 -5640.6	309	10.3	12849.2 -5659.9	399	11.0	15734.0 -5602.3	489	10.5	21733.4 -5643.9
220	7.7	10234.9 -5637.6	310	10.3	12905.1 -5659.9	400	11.0	15741.2 -5628.3	490	11.3	21735.4 -5632.9
221	9.8	10338.5 -5610.9	311	9.3	12908.6 -5609.8	401	11.0	15751.6 -5645.3	491	9.9	21743.8 -5622.9
222	9.3	10349.2 -5615.9	312	9.9	12922.3 -5639.9	402	10.8	15759.9 -5611.3	492	10.0	21810.7 -5650.9
223	9.8	10350.4 -5648.6	313	11.0	12924.8 -5627.8	403	8.2	15802.0 -5651.3	493	9.2	21853.3 -5618.9
224	9.8	10402.4 -5630.8	314	11.3	13002.6 -5656.9	404	11.3	15813.6 -5605.3	494	10.0	21900.2 -5658.9
225	8.3	10428.8 -5636.6	315	9.9	13110.4 -5629.8	405	9.7	15825.9 -5613.3	495	11.0	21912.6 -5645.9
226	10.0	10435.2 -5620.9	316	9.3	13213.0 -5641.8	406	11.0	15831.0 -5614.3	496	7.0	21933.9 -5610.8
227	9.8	10438.1 -5643.9	317	8.9	13227.8 -5654.8	407	9.8	15845.4 -5613.3	497	9.4	21941.2 -5604.8
228	9.8	10454.0 -5633.8	318	11.0	13235.2 -5624.8	408	9.7	15848.4 -5620.3	498	9.2	22000.3 -5641.9
229	9.4	10500.2 -5631.2	319	10.8	13238.3 -5628.8	409	10.0	15900.2 -5636.8	499	9.0	22032.0 -5629.8
230	9.9	10501.6 -5631.6	320	11.0	13243.0 -5649.8	410	8.1	15934.6 -5615.2	500	11.0	22058.5 -5622.8
231	9.9	10538.6 -5637.9	321	11.0	13303.0 -5620.8	411	10.5	15945.0 -5618.2	501	11.5	22102.4 -5649.8
232	9.3	10556.0 -5650.6	322	11.5	13337.9 -5636.8	412	11.3	15947.5 -5659.3	502	9.7	22106.3 -5613.8
233	9.6	10715.4 -5645.3	323	9.4	13338.4 -5629.8	413	11.0	20000.5 -5646.3	503	9.5	22140.3 -5645.8
234	9.3	10722.2 -5601.9	324	9.8	13340.8 -5624.8	414	11.0	20003.0 -5637.3	504	11.5	22143.0 -5655.8
235	9.5	10725.8 -5627.9	325	9.8	13345.6 -5604.7	415	10.8	20009.0 -5619.0	505	9.5	22158.5 -5600.8
236	11.0	10759.9 -5652.3	326	10.8	13406.3 -5635.8	416	9.6	20021.5 -5635.2	506	11.5	22325.6 -5645.8
237	10.5	10819.9 -5636.3	327	10.8	13417.9 -5652.8	417	9.3	20038.2 -5646.2	507	9.8	22326.8 -5641.8
238	8.3	10847.3 -5601.9	328	6.2	13503.0 -5649.7	418	11.5	20041.9 -5625.2	508	10.0	22349.8 -5611.8
239	9.4	10848.4 -5631.1	329	6.2	13503.7 -5649.7	419	10.8	20046.6 -5610.2	509	11.0	22359.3 -5658.8
240	7.2	10853.2 -5617.9	330	10.5	13516.7 -5643.7	420	10.8	20054.9 -5612.9	510	10.0	22405.8 -5630.8
241	10.3	10853.5 -5631.0	331	10.5	13530.2 -5644.7	421	10.0	20106.9 -5650.2	511	11.0	22408.0 -5629.7
242	11.0	10902.9 -5602.0	332	9.7	13534.7 -5640.7	422	10.3	20135.4 -5625.0	512	10.0	22409.3 -5615.8
243	11.0	10923.4 -5639.3	333	11.0	13616.2 -5650.7	423	11.0	20150.1 -5636.2	513	11.0	22417.2 -5638.7
244	11.5	10933.9 -5643.3	334	10.8	13630.6 -5607.7	424	11.5	20154.0 -5609.2	514	11.0	22418.4 -5648.7
245	7.7	10947.3 -5601.0	335	10.8	13631.8 -5612.7	425	11.3	20201.2 -5611.2	515	9.0	22443.4 -5610.8
246	7.5	10953.0 -5618.0	336	9.9	13641.1 -5653.7	426	11.8	20228.7 -5604.2	516	11.0	22454.2 -5656.7
247	10.5	11013.0 -5613.0	337	9.9	13715.2 -5647.7	427	9.9	20317.9 -5652.2	517	9.4	22545.5 -5638.2
248	9.1	11023.5 -5614.0	338	9.7	13726.1 -5607.7	428	10.5	20343.5 -5653.2	518	10.0	22600.5 -5600.8
249	10.5	11047.0 -5615.3	339	11.0	13726.2 -5653.7	429	10.3	20348.4 -5659.2	519	10.0	22736.9 -5644.3
250	10.5	11102.4 -5635.6	340	7.5	13727.9 -5629.7	430	7.5	20358.4 -5607.1	520	10.0	22737.0 -5603.8
251	11.0	11114.2 -5614.0	341	10.3	13727.9 -5632.7	431	10.3	20402.9 -5651.2	521	10.0	22818.7 -5605.3
252	11.0	11125.7 -5601.0	342	11.0	13759.0 -5608.7	432	10.3	20431.1 -5638.2	522	10.0	22828.6 -5605.7
253	9.5	11130.2 -5648.3	343	10.0	13820.7 -5648.7	433	11.5	20439.4 -5634.2	523	10.5	22855.9 -5626.2
254	11.0	11134.4 -5636.0	344	10.8	13839.2 -5625.7	434	11.3	20452.6 -5648.2	524	10.5	22908.9 -5658.2
255	10.0	11135.2 -5657.3	345	11.0	13840.5 -5630.7	435	8.5	20503.9 -5611.7	525	8.2	22926.7 -5652.2
256	11.5	11139.7 -5644.3	346	7.7	13851.6 -5651.7	436	10.0	20544.2 -5658.1	526	8.5	22957.9 -5641.2
257	10.8	11142.0 -5619.0	347	11.0	14024.5 -5622.6	437	9.3	20558.5 -5646.1	527	9.8	23004.6 -5621.7
258	10.3	11215.2 -5654.3	348	9.4	14046.0 -5644.6	438	8.3	20609.0 -5628.4	528	10.0	23005.6 -5620.7
259	10.8	11240.0 -5627.0	349	9.2	14114.7 -5655.6	439	11.5	20620.0 -5638.1	529	10.0	23021.7 -5610.7
260	10.8	11252.7 -5609.0	350	10.3	14120.3 -5621.6	440	11.0	20626.2 -5614.1	530	10.5	23043.3 -5630.1
261	11.5	11339.7 -5646.3	351	10.3	14130.2 -5602.6	441	9.6	20629.9 -5618.1	531	9.2	23045.7 -5605.7
262	11.0	11405.4 -5628.0	352	9.2	14138.4 -5648.6	442	11.0	20635.9 -5605.1	532	10.3	23100.4 -5648.1
263	10.8	11409.7 -5614.0	353	11.3	14228.9 -5651.6	443	9.3	20637.9 -5651.1	533	8.7	23223.1 -5603.7
264	10.8	11413.7 -5601.0	354	11.0	14239.0 -5608.6	444	9.2	20638.5 -5649.1	534	10.0	23244.4 -5602.6
265	10.5	11440.2 -5652.3	355	9.3	14254.6 -5614.5	445	8.4	20757.7 -5603.8	535	9.2	23329.1 -5601.6
266	11.0	11445.5 -5608.0	356	11.0	14354.5 -5656.6	446	11.3	20824.4 -5655.1	536	10.0	23329.7 -5635.3
267	10.3	11449.0 -5620.0	357	11.0	14400.5 -5615.5	447	10.3	20830.4 -5613.1	537	10.8	23357.7 -5657.0
268	8.7	11450.8 -5634.6	358	10.8	14406.6 -5629.5	448	10.5	20832.9 -5642.1	538	10.3	23400.5 -5639.0
269	10.5	11459.3 -5623.0	359	9.7	14440.9 -5601.5	449	9.8	20848.0 -5647.1	539	10.8	23444.1 -5630.0
270	12.0	11517.2 -5639.1	360	10.5	14621.5 -5630.5	450	10.5	20849.0 -5650.1	540	10.0	23444.3 -5612.6
271	10.8	11522.2 -5644.1	361	11.0	14632.8 -5612.5	451	10.5	20851.6 -5630.0	541	10.8	23447.8 -5634.0
272	10.0	11538.3 -5617.0	362	9.3	14700.5 -5618.5	452	11.5	20852.4 -5610.0	542	10.0	23450.9 -5622.4
273	10.3	11549.5 -5621.0	363	10.8	14717.6 -5601.5	453	10.3	20854.9 -5652.1	543	10.8	23545.6 -5642.9
274	10.3	11550.2 -5646.1	364	7.4	14736.6 -5622.5	454	10.8	20855.3 -5630.1	544	10.0	23552.4 -5605.6
275	9.4	11605.7 -5642.1	365	9.6	14750.1 -5643.5	455	9.7	20912.9 -5651.1	545	10.0	23607.4 -5604.6
276	9.5	11631.7 -5647.1	366	9.5	14754.1 -5625.5	456	10.3	20922.0 -5647.1	546	11.0	23702.5 -5642.8
277	11.0	11644.2 -5641.1	367	11.3	14816.8 -5638.5	457	11.0	20935.9 -5604.0	547	10.0	23715.7 -5603.5
278	9.4	11652.2 -5628.0	368	10.5	14821.3 -5634.5	458	11.0	20936.2 -5641.1	548	8.2	23738.6 -5630.6
279	11.0	11704.9 -5641.1	369	8.1	14822.7 -5659.5	459	11.5	20940.1 -5639.1	549	7.5	23753.7 -5649.8
280	9.8	11714.5 -5604.0	370	11.5	14854.1 -5656.5	460	9.2	20944.8 -5616.2	550	10.5	23810.0 -5653.8
281	9.4	11724.9 -5627.0	371	10.0	14855.8 -5622.5	461	9.6	20949.5 -5646.1	551	9.5	23843.0 -5638.8
282	9.6	11755.8 -5642.0	372	11.0	14906.2 -5659.2	462	11.0	21009.3 -5629.0	552	10.8	23944.1 -5648.7
283	10.8	11832.9 -5637.0	373	10.5	14942.0 -5612.4	463	10.8	21010.9 -5610.2	553	11.0	23948.7 -5633.7
284	10.8	11847.7 -5655.0	374	9.5	14943.9 -5638.5	464	11.0	21025.7 -5629.0	554	10.0	24039.7 -5619.5
285	10.3	11903.3 -5642.0	375	9.6	15011.9 -5633.4	465	11.0	21042.8 -5615.0	555	9.3	24130.9 -5623.4
286	11.0	11919.0 -5659.0	376	10.8	15018.8 -5630.4	466	9.7	21054.8 -5624.8	556	9.1	24149.7 -5604.4
287	10.0	11925.8 -5646.0	377	11.0	15129.4 -5634.4	467	11.5	21056.4 -5646.0	557	10.0	24149.7 -5610.4
288	9.5	11925.9 -5627.0	378	10.0	15130.7 -5651.4	468	10.0	21118.8 -5622.0	558	8.5	24207.5 -5647.6
289	9.6	11929.7 -5630.0	379	11.0	15148.2 -5620.4	469	9.9	21148.8 -5646.0	559	10.0	24210.3 -5600.4
290	10.8	12002.3 -5621.0	380	10.5	15210.8 -5619.4	470	10.3	21152.7 -5604.7	560	10.0	24213.0 -5620.4
291	10.0	12047.2 -5658.0	381	11.0	15244.0 -5639.4	471	10.0	21201.8 -5642.0	561	10.8	24322.1 -5640.5
292	11.0	12144.7 -5605.0	382	10.3	15245.2 -5606.4	472	9.5	21204.5 -5604.8	562	10.0	24400.2 -5608.4
293	10.3	12156.3 -5619.9	383	11.3	15302.5 -5651.4	473	11.0	21309.4 -5637.0	563	10.5	24408.7 -5645.5
294	8.6	12210.0 -5619.9	384	11.0	15322.3 -5604.4	474	11.0	21326.2 -5641.0	564	10.0	24424.4 -5646.5
295	11.3	12218.5 -5657.0	385	9.7	15350.5 -5658.4	475	7.9	21336.5 -5649.0	565	10.0	24434.6 -5601.4
296	9.1	12310.2 -5609.9	386	8.6	15359.8 -5602.3	476	11.3	21340.0 -5628.0	566	10.0	24526.1 -5602.3
297	9.6	12343.9 -5628.9	387	10.0	15425.2 -5635.3	477	11.0	21523.1 -5643.9	567	9.9	24545.4 -5642.4
298	9.1	12407.8 -5615.9	388	10.3	15439.4 -5621.3	478	9.0	21531.4 -5614.9	568	10.8	24546.9 -5640.4
299	11.0	12414.9 -5647.0	389	10.0	15442.0 -5615.3	479	9.3	21541.2 -5604.9	569	11.0	24548.4 -5643.4
300	8.8	12431.5 -5613.9	390	11.3	15503.0 -5630.4	480	8.2	21543.7 -5641.9	570	10.0	24649.5 -5616.3

C-3

571	10.0	24714.7	-5613.0	661	10.0	31500.0	-5613.4	751	11.5	34224.1	-5642.9
572	10.8	24719.1	-5635.4	662	8.5	31508.3	-5616.4	752	11.5	34233.3	-5649.9
573	10.0	24729.5	-5625.1	663	9.7	31549.4	-5650.5	753	9.4	34320.3	-5625.1
574	10.0	24735.0	-5615.3	664	10.5	31549.8	-5646.5	754	9.6	34331.0	-5601.9
575	9.6	24809.8	-5652.4	665	10.5	31608.5	-5635.0	755	10.0	34331.3	-5611.9
576	10.3	24812.4	-5626.3	666	8.4	31614.0	-5658.3	756	10.8	34401.4	-5630.9
577	9.3	24819.0	-5644.4	667	10.0	31648.2	-5622.7	757	8.9	34405.2	-5625.8
578	10.0	24824.8	-5630.3	668	11.0	31703.5	-5629.2	758	10.0	34416.4	-5617.9
579	10.5	24825.9	-5628.4	669	10.0	31717.4	-5609.4	759	10.0	34432.3	-5602.9
580	10.3	24833.0	-5633.8	670	9.9	31729.9	-5604.4	760	11.5	34446.3	-5639.9
581	10.0	24902.5	-5611.2	671	10.0	31730.6	-5613.4	761	11.0	34449.3	-5637.9
582	9.3	24915.7	-5641.3	672	10.0	31736.7	-5608.4	762	11.5	34452.0	-5653.9
583	9.9	24941.2	-5616.2	673	11.3	31737.1	-5638.4	763	10.0	34457.1	-5601.1
584	10.3	24947.5	-5649.3	674	11.3	31741.8	-5630.4	764	10.0	34504.7	-5629.9
585	10.0	24948.9	-5624.2	675	9.2	31819.1	-5623.4	765	9.3	34513.8	-5657.9
586	10.0	24955.2	-5615.2	676	11.3	31903.3	-5647.4	766	8.1	34516.3	-5650.9
587	10.8	24957.3	-5638.3	677	9.7	31917.9	-5658.4	767	10.0	34550.5	-5606.9
588	6.7	25045.3	-5623.2	678	11.3	31920.0	-5655.4	768	10.0	34608.3	-5615.4
589	10.0	25100.7	-5615.2	679	9.2	31923.1	-5643.4	769	11.5	34624.2	-5657.9
590	10.0	25116.6	-5619.2	680	9.4	32004.1	-5623.3	770	11.5	34635.0	-5638.9
591	10.0	25254.5	-5655.1	681	9.3	32038.1	-5629.2	771	8.5	34647.8	-5631.7
592	8.5	25334.1	-5642.1	682	9.8	32100.6	-5608.0	772	11.5	34706.4	-5639.8
593	9.5	25334.1	-5643.1	683	10.0	32108.4	-5619.3	773	10.8	34720.3	-5659.8
594	10.8	25344.7	-5633.1	684	10.0	32110.2	-5615.6	774	10.0	34800.8	-5606.8
595	10.0	25347.2	-5643.1	685	11.5	32144.3	-5648.8	775	9.2	34811.5	-5652.8
596	10.0	25439.6	-5623.1	686	10.0	32149.1	-5607.3	776	10.0	34827.1	-5617.8
597	7.3	25536.3	-5604.1	687	10.0	32152.8	-5600.3	777	7.5	34841.0	-5639.9
598	8.3	25544.2	-5640.0	688	11.5	32157.3	-5638.3	778	11.5	34850.0	-5644.8
599	10.0	25601.1	-5608.1	689	11.3	32223.2	-5632.3	779	11.5	34851.3	-5657.8
600	10.0	25622.8	-5610.1	690	11.0	32238.0	-5636.3	780	9.4	34853.5	-5648.6
601	8.6	25628.2	-5628.0	691	9.7	32239.1	-5633.1	781	10.0	34932.6	-5606.8
602	10.0	25639.1	-5625.5	692	9.2	32400.4	-5651.5	782	10.0	35020.4	-5606.8
603	9.9	25643.8	-5616.1	693	11.5	32410.8	-5649.3	783	9.8	35028.4	-5633.7
604	9.9	25648.2	-5625.5	694	9.6	32427.7	-5615.5	784	10.0	35031.7	-5632.6
605	10.0	25731.7	-5625.7	695	10.8	32429.4	-5649.3	785	8.0	35045.5	-5646.8
606	10.0	25904.1	-5612.7	696	11.3	32434.3	-5646.2	786	9.8	35101.2	-5625.0
607	10.8	25914.2	-5649.8	697	10.0	32442.1	-5635.3	787	10.0	35102.1	-5623.8
608	10.8	25953.6	-5636.8	698	10.5	32443.9	-5636.0	788	9.6	35154.6	-5638.8
609	8.4	25956.2	-5633.7	699	9.1	32539.4	-5651.2	789	11.5	35156.0	-5651.7
610	9.7	30024.0	-5650.8	700	10.0	32617.7	-5620.2	790	9.5	35201.7	-5631.8
611	10.0	30101.9	-5600.7	701	9.0	32647.2	-5620.0	791	8.7	35215.9	-5639.7
612	10.0	30146.7	-5619.6	702	10.0	32652.2	-5626.2	792	10.0	35304.5	-5615.7
613	9.9	30154.4	-5613.4	703	11.5	32741.8	-5638.2	793	9.7	35329.9	-5640.9
614	10.8	30216.5	-5642.4	704	10.3	32744.8	-5642.3	794	10.0	35337.7	-5629.7
615	10.0	30218.1	-5615.6	705	11.0	32829.4	-5646.2	795	10.5	35343.3	-5634.7
616	11.0	30245.4	-5654.7	706	11.5	32902.2	-5656.2	796	8.4	35346.5	-5640.9
617	10.0	30247.3	-5611.6	707	9.9	32912.6	-5654.0	797	11.3	35404.2	-5654.7
618	10.0	30253.9	-5631.6	708	10.0	32929.3	-5618.2	798	9.9	35447.2	-5619.9
619	9.8	30254.0	-5645.7	709	9.4	32929.8	-5639.0	799	11 0	35452.2	-5612.0
620	11.0	30309.2	-5655.6	710	10.0	32949.6	-5601.2	800	8.0	35457.0	-5636.8
621	10.3	30330.0	-5638.0	711	10.0	32958.1	-5648.2	801	10.0	35522.4	-5644.7
622	11.0	30343.8	-5650.6	712	9.3	33050.1	-5640.4	802	10.3	35529.8	-5632.2
623	10.0	30348.9	-5605.6	713	10.0	33058.6	-5600.3	803	10.0	35530.0	-5614.0
624	10.0	30357.9	-5621.6	714	11.0	33058.8	-5647.2	804	11.0	35534.7	-5659.7
625	10.0	30409.7	-5606.6	715	11.0	33115.1	-5651.2	805	10.8	35549.4	-5636.7
626	10.5	30445.6	-5636.3	716	9.3	33127.6	-5655.1	806	10.0	35549.5	-5614.0
627	10.0	30449.9	-5606.6	717	11.0	33143.6	-5643.1	807	10.3	35631.4	-5645.7
628	10.8	30506.3	-5657.3	718	10.0	33153.4	-5623.1	808	10.0	35636.5	-5609.0
629	10.0	30557.4	-5623.5	719	9.9	33203.8	-5623.1	809	7.0	35651.8	-5649.6
630	10.0	30601.7	-5651.3	720	9.3	33254.9	-5628.0	810	9.8	35705.0	-5637.6
631	10.0	30618.9	-5611.5	721	9.6	33308.6	-5643.1	811	8.8	35720.8	-5625.0
632	9.4	30703.2	-5639.4	722	10.0	33350.7	-5619.1	812	8.8	35725.7	-5602.0
633	9.9	30734.9	-5629.4	723	10.0	33424.8	-5608.1	813	10.5	35744.3	-5630.7
634	10.5	30736.6	-5631.2	724	9.6	33428.6	-5641.1	814	9.2	35748.8	-5631.7
635	10.3	30744.2	-5629.5	725	11.5	33449.5	-5653.1	815	9.4	35804.4	-5643.6
636	10.0	30805.4	-5604.6	726	9.5	33450.3	-5620.8	816	11.3	35817.9	-5645.6
637	10.0	30839.0	-5609.5	727	10.0	33520.3	-5630.1	817	8.9	35829.9	-5640.6
638	7.5	30844.3	-5652.4	728	7.8	33531.0	-5633.1	818	9.2	35900.5	-5618.9
639	9.0	30847.4	-5647.6	729	9.6	33542.8	-5633.1	819	10.0	35900.8	-5623.9
640	11.0	31003.5	-5648.4	730	9.6	33549.3	-5618.0	820	11.0	35905.3	-5616.9
641	10.0	31014.7	-5611.5	731	9.8	33550.8	-5608.0	821	11.3	35926.2	-5627.6
642	8.3	31023.8	-5631.7	732	7.2	33640.0	-5638.2	822	11.5	35937.3	-5637.6
643	10.3	31034.5	-5659.6	733	8.5	33641.2	-5633.0	823	11.8	35943.7	-5609.9
644	10.0	31041.0	-5614.6	734	9.9	33711.8	-5630.1	824	11.0	35946.8	-5601.9
645	9.5	31044.9	-5611.3	735	8.2	33729.6	-5657.1	825	11.3	35958.0	-5631.8
646	9.5	31046.1	-5625.5	736	9.6	33735.2	-5635.0	826	10.5	40036.0	-5638.5
647	11.0	31109.2	-5634.6	737	10.0	33735.7	-5619.0	827	10.3	40049.4	-5631.7
648	10.0	31111.5	-5621.5	738	9.8	33744.3	-5625.7	828	10.0	40051.3	-5632.6
649	10.3	31113.3	-5657.4	739	9.2	33755.5	-5629.0	829	9.0	40059.6	-5621.6
650	10.0	31114.4	-5605.5	740	11.5	33759.6	-5641.0	830	11.8	40120.4	-5622.6
651	11.0	31134.4	-5641.4	741	8.6	33834.6	-5604.8	831	10.0	40129.6	-5657.5
652	11.5	31209.1	-5656.5	742	11.5	33836.2	-5658.0	832	8.9	40139.9	-5608.0
653	10.5	31227.2	-5642.8	743	10.5	33903.1	-5642.2	833	8.6	40145.0	-5629.6
654	10.0	31233.2	-5608.5	744	11.3	33921.1	-5652.0	834	10.3	40158.4	-5642.5
655	9.1	31234.2	-5649.7	745	9.4	34027.6	-5651.0	835	11.3	40159.7	-5601.8
656	10.3	31238.7	-5640.3	746	11.8	34112.3	-5645.0	836	9.2	40258.8	-5624.0
657	10.0	31245.5	-5618.5	747	10.0	34123.2	-5609.9	837	9.7	40310.0	-5645.7
658	10.0	31304.4	-5625.4	748	9.6	34142.8	-5606.9	838	8.3	40356.4	-5654.4
659	9.3	31309.1	-5639.5	749	10.5	34155.4	-5632.9	839	11.3	40404.9	-5615.0
660	10.8	31311.2	-5649.5	750	7.9	34155.5	-5643.2	840	10.3	40439.5	-5638.4
841	11.0	40439.8	-5626.8								
842	10.8	40447.1	-5606.4								
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846	10.8	40521.3	-5602.0								
847	11.5	40530.7	-5603.7								
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849	11.5	40552.1	-5628.4								
850	8.5	40604.9	-5652.8								
851	11.3	40606.4	-5647.4								
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859	11.8	40734.2	-5649.4								
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863	10.3	40912.8	-5635.7								
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866	10.8	41001.8	-5620.5								
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871	10.8	41119.1	-5649.3								
872	7.5	41130.2	-5629.5								
873	11.8	41138.1	-5634.4								
874	10.5	41142.0	-5622.6								
875	10.3	41202.5	-5626.5								
876	11.0	41238.4	-5634.2								
877	10.8	41252.4	-5634.2								
878	8.4	41304.6	-5650.0								
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881	9.2	41340.6	-5649.2								
882	11.0	41353.2	-5656.2								
883	11.0	41358.4	-5656.2								
884	9.6	41423.6	-5644.0								
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886	10.3	41506.1	-5642.2								
887	10.3	41510.1	-5649.4								
888	8.2	41520.7	-5629.3								
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891	9.5	41626.4	-5650.9								
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893	11.3	41633.9	-5633.7								
894	11.5	41717.3	-5619.3								
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896	10.8	41735.6	-5622.3								
897	11.0	41804.7	-5639.7								
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924	9.5	42440.4	-5626.1								
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926	8.7	42453.9	-5611.1								
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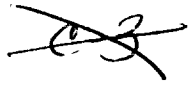

-56 931 4h26m

-56 1290 5h40m

931	9.9	42630.9	-5645.0	1021	10.5	44908.4	-5644.0	1111	10.5	50619.2	-5609.1	1201	9.7	52418.4	-5644.8
932	11.0	42708.2	-5615.0	1022	10.3	44914.0	-5651.0	1112	11.5	50624.2	-5611.1	1202	10.5	52430.5	-5630.0
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937	11.0	42907.7	-5655.1	1027	11.8	44947.3	-5629.9	1117	10.8	50718.4	-5628.0	1207	10.3	52528.2	-5652.8
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939	11.0	42938.0	-5637.1	1029	9.8	45030.5	-5639.0	1119	10.3	50756.7	-5659.6	1209	9.9	52548.5	-5631.0
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954	11.0	43342.3	-5658.9	1044	9.9	45329.5	-5621.2	1134	11.3	51031.3	-5613.9	1224	11.0	52836.7	-5604.9
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960	10.5	43510.3	-5656.8	1050	9.8	45441.1	-5634.3	1140	11.0	51126.9	-5600.8	1230	10.0	53051.6	-5631.5
961	11.3	43524.3	-5618 6	1051	9.9	45455.6	-5641.0	1141	9.8	51139.8	-5656.3	1231	9.9	53053.5	-5634.1
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963	8.7	43633.4	-5624.6	1053	11.5	45558.2	-5626.6	1143	9.6	51233.0	-5650.3	1233	10.5	53121.9	-5620.8
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970	9.7	43844.6	-5600.6	1060	10.5	45646.0	-5641.0	1150	8.5	51307.6	-5618.2	1240	8.9	53239.2	-5604.8
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972	10.0	43848.2	-5643.0	1062	10.3	45747.1	-5633.6	1152	9.4	51340.1	-5635.2	1242	9.6	53252.5	-5621.8
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975	10.0	43858.3	-5646.0	1065	9.5	45839.5	-5651.6	1155	10.3	51421.6	-5618.7	1245	11.0	53339.0	-5610.8
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982	9.4	44014.6	-5656.8	1072	11.0	50000.4	-5617.9	1162	9.5	51509.2	-5641.2	1252	9.6	53454.9	-5633.8
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984	11.5	44055.0	-5621.4	1074	9.3	50008.5	-5650.1	1164	10.5	51534.3	-5636.4	1254	10.3	53506.0	-5634.2
985	11.3	44101.8	-5603.3	1075	10.3	50030.6	-5617.6	1165	10.5	51548.6	-5606.6	1255	10.0	53507.4	-5641.4
986	8.4	44110.3	-5636.1	1076	10.5	50037.1	-5642.8	1166	11.0	51614.4	-5601.6	1256	10.0	53514.4	-5615.4
987	10.3	44203.2	-5643.0	1077	11.0	50056.1	-5631.8	1167	9.9	51628.2	-5651.1	1257	10.5	53519.7	-5603.7
988	9.4	44204.6	-5631.1	1078	11.0	50057.9	-5617.4	1168	10.5	51638.3	-5626.2	1258	10.5	53537.8	-5625.8
989	10.3	44208.6	-5649.0	1079	11.0	50059.3	-5626.8	1169	9.6	51649.9	-5619.5	1259	10.5	53549.7	-5614.7
990	11.0	44216.5	-5645.0	1080	8.6	50109.3	-5620.3	1170	9.8	51658.2	-5621.5	1260	10.0	53551.8	-5606.7
991	10.0	44228.0	-5643.0	1081	10.3	50116.8	-5602.5	1171	10.5	51719.9	-5618.5	1261	9.3	53559.0	-5647.2
992	10.0	44231.6	-5655.0	1082	11.0	50117.2	-5648.8	1172	11.0	51744.8	-5632.6	1262	10.0	53601.7	-5648.3
993	7.8	44232.7	-5631.2	1083	10.8	50118.8	-5646.8	1173	10.5	51749.9	-5606.5	1263	10.0	53625.6	-5659.3
994	9.6	44248.7	-5610.3	1084	7.9	50127.5	-5628.4	1174	10.5	51824.8	-5626.4	1264	10.5	53715.2	-5626.7
995	10.3	44257.0	-5643.1	1085	9.8	50129.5	-5646.8	1175	10.8	51829.0	-5621.4	1265	10.5	53721.2	-5626.7
996	11.5	44338.3	-5634.0	1086	11.5	50129.7	-5610.3	1176	10.5	51849.2	-5655.0	1266	9.9	53729.2	-5623.7
997	9.8	44343.5	-5658.0	1087	11.3	50136.5	-5623.3	1177	8.4	51857.8	-5638.2	1267	11.0	53729.4	-5600.7
998	10.3	44354.0	-5645.1	1088	11.0	50141.6	-5631.8	1178	8.8	51900.0	-5621.2	1268	10.3	53753.0	-5603.7
999	10.0	44422.2	-5606.2	1089	10.5	50220.4	-5629.7	1179	9.7	51908.9	-5604.6	1269	9.5	53754.2	-5658.2
1000	10.5	44425.9	-5659.0	1090	10.3	50242.2	-5604.6	1180	10.3	51940.5	-5634.0	1270	9.0	53759.5	-5634.3
1001	8.0	44426.9	-5600.2	1091	9.9	50248.2	-5652.7	1181	10.3	51956.0	-5606.4	1271	10.0	53759.7	-5618.6
1002	10.5	44435.1	-5631.2	1092	7.9	50303.9	-5656.8	1182	6.3	52004.2	-5615.2	1272	10.8	53805.6	-5653.0
1003	9.8	44457.5	-5615.0	1093	11.0	50305.0	-5632.2	1183	10.3	52011.5	-5609.2	1273	9.7	53814.7	-5616.7
1004	11.0	44515.8	-5642.0	1094	9.4	50308.8	-5628.2	1184	10.5	52037.7	-5636.0	1274	10.3	53817.1	-5603.7
1005	11.5	44516.0	-5624.2	1095	11.5	50311.2	-5622.2	1185	8.1	52042.2	-5656.0	1275	10.3	53825.0	-5603.7
1006	8.5	44529.7	-5614.0	1096	11.3	50333.2	-5626.2	1186	10.0	52059.0	-5626.1	1276	10.3	53830.8	-5625.7
1007	10.8	44536.5	-5649.0	1097	10.5	50336.7	-5631.2	1187	10.3	52100.2	-5643.0	1277	10.8	53834.1	-5610.7
1008	10.8	44547.1	-5647.0	1098	10.5	50343.1	-5651.6	1188	11.0	52121.2	-5602.1	1278	10.5	53841.0	-5653.2
1009	11.8	44604.4	-5615.1	1099	10.5	50344.5	-5647.6	1189	10.5	52140.2	-5648.9	1279	10.3	53916.6	-5610.6
1010	11.8	44604.6	-5631.1	1100	10.5	50351.5	-5630.6	1190	10.3	52149.8	-5636.9	1280	10.5	53917.2	-5653.2
1011	9.8	44607.2	-5630.1	1101	10.0	50354.5	-5655.8	1191	10.0	52249.0	-5607.0	1281	10.5	53921.0	-5657.5
1012	10.8	44612.3	-5619.1	1102	8.4	50404.1	-5624.0	1192	11.0	52252.4	-5657.9	1282	10.5	53924.8	-5608.8
1013	7.2	44643.6	-5653.0	1103	10.3	50422.6	-5612.0	1193	10.0	52308.2	-5649.1	1283	8.1	53925.6	-5629.7
1014	9.7	44727.5	-5653.0	1104	9.3	50438.9	-5635.7	1194	11.0	52332.1	-5635.9	1284	10.3	53927.8	-5626.6
1015	9.9	44758.0	-5643.0	1105	10.0	50459.9	-5626.6	1195	10.5	52337.5	-5630.9	1285	10.3	53930.8	-5632.4
1016	10.5	44759.5	-5656.0	1106	10.3	50500.0	-5657.8	1196	11.0	52339.9	-5614.0	1286	10.0	53946.2	-5648.3
1017	11.0	44822.1	-5633.0	1107	8.8	50504.4	-5622.9	1197	8.3	52341.2	-5642.6	1287	10.5	53951.0	-5630.3
1018	9.8	44827.0	-5627.2	1108	9.2	50543.6	-5602.4	1198	11.0	52350.3	-5639.8	1288	9.9	53951.1	-5647.2
1019	10.8	44838.3	-5641.0	1109	9.3	50550.9	-5656.9	1199	10.5	52359.5	-5629.9	1289	10.3	53958.9	-5611.6
1020	8.8	44851.4	-5628.0	1110	10.3	50617.4	-5614.1	1200	9.3	52402.4	-5644.8	1290	10.8	54011.8	-5615.7

-56 1291 5h40m

-56 1650 6h47m

1291	10.3	54020.9	-5629.5	1381	10.5	55841.5	-5647.9	1471	8.2	61552.8	-5623.7
1292	10.0	54025.8	-5640.2	1382	9.4	55852.5	-5605.0	1472	10.8	61556.2	-5603.7
1293	10.3	54026.6	-5628.8	1383	11.0	55857.3	-5620.2	1473	10.0	61615.1	-5650.4
1294	9.5	54042.3	-5618.6	1384	10.0	55903.6	-5641.9	1474	9.3	61618.5	-5600.6
1295	10.5	54103.2	-5649.8	1385	11.0	55921.1	-5615.1	1475	8.0	61621.2	-5656.6
1296	9.4	54109.8	-5616.6	1386	11.0	55922.9	-5603.1	1476	9.7	61621.2	-5657.3
1297	9.5	54129.9	-5630.7	1387	11.0	55925.5	-5624.1	1477	10.3	61625.3	-5600.8
1298	9.4	54136.3	-5640.2	1388	7.4	55934.7	-5658.9	1478	10.3	61650.6	-5619.6
1299	10.5	54141.3	-5605.6	1389	9.4	55939.1	-5608.1	1479	9.3	61658.0	-5637.2
1300	11.0	54143.6	-5646.1	1390	10.8	55953.6	-5609.0	1480	10.5	61658.6	-5655.2
1301	10.3	54149.9	-5608.6	1391	10.5	60002.6	-5636.9	1481	10.5	61658.7	-5614.4
1302	10.0	54150.4	-5610.6	1392	10.3	60005.2	-5630.6	1482	9.6	61711.9	-5631.0
1303	10.5	54155.9	-5626.6	1393	9.3	60027.4	-5649.2	1483	9.3	61726.7	-5643.2
1304	7.5	54212.4	-5658.1	1394	10.0	60031.4	-5657.2	1484	9.9	61820.8	-5601.8
1305	10.8	54215.2	-5655.4	1395	8.2	60035.7	-5656.2	1485	10.3	61823.7	-5620.6
1306	10.0	54226.9	-5606.8	1396	9.5	60036.8	-5600.4	1486	10.0	61841.4	-5658.2
1307	10.3	54229.3	-5620.8	1397	10.3	60038.1	-5610.1	1487	9.7	61858.2	-5636.0
1308	8.8	54235.0	-5646.1	1398	10.3	60042.2	-5626.8	1488	9.6	61906.5	-5628.1
1309	9.9	54236.2	-5649.0	1399	10.0	60059.6	-5644.2	1489	9.5	61913.1	-5654.2
1310	10.3	54306.4	-5606.8	1400	9.9	60102.6	-5611.3	1490	7.3	61926.4	-5618.2
1311	10.3	54312.6	-5604.5	1401	10.0	60103.5	-5647.1	1491	11.0	61926.8	-5632.5
1312	9.0	54344.9	-5629.8	1402	10.0	60106.8	-5651.1	1492	9.7	61940.6	-5655.4
1313	10.5	54432.9	-5659.0	1403	9.9	60155.4	-5650.8	1493	9.9	61950.3	-5625.3
1314	10.5	54450.9	-5627.4	1404	11.0	60157.2	-5655.8	1494	10.8	61950.9	-5616.7
1315	11.0	54501.2	-5639.0	1405	9.7	60215.2	-5657.5	1495	10.8	62000.0	-5607.5
1316	10.8	54508.4	-5614.5	1406	10.5	60217.4	-5626.1	1496	10.3	62011.0	-5656.1
1317	8.7	54529.3	-5651.6	1407	11.0	60224.8	-5647.7	1497	9.8	62014.5	-5632.2
1318	11.0	54537.8	-5617.5	1408	9.8	60230.0	-5620.8	1498	11.0	62028.5	-5657.1
1319	10.0	54548.1	-5642.9	1409	10.3	60232.8	-5631.8	1499	9.9	62038.1	-5636.2
1320	9.5	54611.1	-5602.5	1410	9.7	60243.7	-5653.7	1500	5.8	62042.0	-5618.2
1321	10.5	54614.7	-5605.5	1411	9.9	60251.4	-5649.7	1501	8.7	62122.0	-5602.4
1322	10.5	54623.8	-5620.5	1412	7.5	60252.3	-5613.1	1502	10.0	62122.8	-5600.2
1323	9.9	54624.8	-5621.5	1413	10.5	60254.7	-5619.1	1503	9.4	62126.2	-5644.1
1324	10.8	54639.7	-5656.2	1414	10.5	60347.0	-5623.0	1504	9.5	62130.2	-5644.1
1325	11.0	54708.0	-5635.4	1415	8.7	60418.8	-5603.8	1505	10.3	62143.3	-5608.4
1326	10.3	54722.0	-5604.4	1416	8.4	60423.3	-5605.0	1506	9.4	62214.6	-5634.1
1327	5.0	54733.5	-5611.8	1417	10.5	60442.3	-5641.7	1507	9.7	62224.0	-5654.1
1328	10.5	54739.7	-5625.4	1418	9.9	60452.4	-5650.4	1508	10.8	62225.9	-5601.4
1329	10.5	54742.7	-5637.8	1419	10.5	60501.0	-5615.0	1509	8.6	62250.3	-5606.2
1330	8.6	54801.2	-5650.6	1420	10.0	60510.9	-5652.6	1510	8.6	62309.2	-5608.4
1331	9.8	54828.8	-5617.5	1421	9.4	60515.0	-5611.8	1511	8.7	62316.8	-5646.0
1332	9.8	54831.3	-5621.4	1422	11.0	60546.7	-5609.0	1512	10.5	62318.0	-5640.0
1333	8.8	54835.7	-5656.0	1423	11.0	60548.8	-5618.0	1513	9.8	62322.7	-5622.0
1334	11.0	54900.1	-5607.4	1424	10.8	60601.1	-5635.6	1514	9.8	62338.2	-5616.4
1335	11.0	54901.1	-5653.7	1425	10.3	60606.6	-5605.1	1515	10.5	62339.1	-5634.0
1336	10.5	54904.3	-5647.7	1426	9.8	60611.1	-5613.2	1516	10.5	62341.7	-5639.0
1337	11.0	54912.2	-5645.7	1427	9.9	60630.9	-5627.6	1517	9.5	62351.0	-5627.0
1338	10.5	54914.6	-5602.4	1428	9.5	60638.5	-5624.9	1518	10.8	62400.4	-5651.0
1339	9.7	54924.4	-5609.4	1429	11.0	60702.8	-5640.6	1519	10.5	62406.6	-5634.4
1340	10.5	54929.4	-5605.4	1430	10.5	60734.7	-5649.6	1520	10.5	62412.6	-5643.0
1341	10.5	54943.3	-5643.9	1431	10.3	60740.8	-5600.9	1521	10.5	62420.0	-5619.4
1342	11.0	54946.0	-5620.4	1432	9.7	60755.0	-5618.8	1522	10.3	62447.2	-5624.4
1343	10.0	54959.2	-5650.7	1433	9.7	60811.0	-5620.8	1523	10.8	62456.6	-5648.0
1344	10.0	55002.7	-5649.7	1434	8.3	60820.5	-5603.8	1524	11.0	62457.8	-5647.0
1345	10.0	55004.4	-5655.7	1435	10.8	60827.2	-5602.8	1525	10.5	62458.5	-5612.4
1346	7.6	55005.4	-5629.4	1436	9.9	60851.7	-5608.6	1526	10.0	62501.0	-5634.1
1347	8.8	55013.0	-5613.4	1437	10.5	60936.7	-5621.8	1527	10.3	62503.5	-5659.0
1348	10.0	55041.0	-5602.4	1438	10.8	60937.4	-5615.8	1528	10.5	62515.6	-5611.4
1349	9.2	55044.3	-5633.0	1439	10.8	60941.9	-5619.8	1529	9.8	62518.3	-5610.4
1350	10.3	55046.2	-5659.9	1440	10.8	60956.1	-5632.8	1530	10.0	62545.7	-5622.2
1351	10.0	55055.1	-5608.4	1441	11.0	60958.0	-5603.8	1531	11.0	62613.4	-5627.4
1352	9.8	55120.1	-5613.3	1442	8.6	61005.1	-5638.5	1532	9.7	62621.0	-5634.0
1353	8.6	55126.1	-5640.9	1443	9.5	61016.5	-5652.8	1533	10.5	62623.7	-5659.9
1354	10.0	55131.5	-5642.9	1444	9.4	61016.5	-5648.8	1534	9.1	62631.0	-5630.0
1355	9.8	55150.4	-5634.1	1445	9.9	61020.6	-5627.8	1535	10.3	62642.2	-5616.2
1356	9.0	55157.9	-5611.6	1446	10.3	61022.2	-5628.8	1536	9.5	62651.1	-5655.9
1357	11.0	55216.0	-5619.3	1447	9.9	61031.2	-5634.5	1537	6.0	62718.6	-5645.9
1358	11.0	55234.8	-5605.3	1448	9.0	61049.3	-5619.0	1538	9.9	62718.9	-5633.3
1359	9.4	55313.8	-5600.3	1449	10.0	61052.1	-5625.8	1539	10.3	62722.8	-5603.1
1360	8.5	55339.3	-5632.1	1450	10.3	61052.3	-5618.0	1540	9.9	62732.7	-5641.9
1361	7.6	55343.7	-5634.1	1451	10.0	61106.7	-5604.8	1541	10.0	62749.0	-5627.8
1362	9.3	55345.2	-5600.1	1452	9.5	61114.7	-5602.0	1542	9.5	62754.2	-5639.9
1363	9.8	55353.5	-5620.3	1453	7.1	61132.5	-5652.6	1543	10.3	62825.2	-5616.3
1364	10.3	55411.3	-5600.3	1454	11.0	61141.4	-5644.4	1544	10.5	62837.2	-5629.8
1365	10.5	55423.3	-5634.9	1455	9.8	61201.6	-5642.6	1545	10.0	62853.7	-5641.9
1366	9.1	55428.7	-5608.2	1456	8.6	61211.0	-5654.2	1546	9.5	62854.5	-5633.9
1367	10.5	55430.5	-5633.9	1457	10.0	61237.7	-5611.0	1547	9.0	62856.1	-5650.8
1368	9.4	55451.7	-5636.9	1458	8.8	61241.3	-5609.7	1548	11.0	62857.2	-5655.8
1369	10.8	55545.0	-5629.2	1459	10.0	61244.8	-5636.4	1549	10.5	62918.8	-5642.8
1370	10.0	55552.6	-5617.2	1460	9.5	61309.3	-5606.7	1550	9.9	62923.7	-5628.1
1371	10.5	55601.8	-5657.9	1461	10.0	61311.6	-5646.4	1551	10.5	62942.6	-5656.8
1372	10.3	55616.0	-5630.5	1462	9.3	61315.1	-5616.8	1552	10.0	62944.1	-5656.8
1373	10.0	55640.9	-5657.9	1463	10.0	61355.0	-5640.6	1553	10.0	62946.3	-5611.1
1374	10.5	55652.6	-5603.2	1464	10.8	61431.6	-5605.7	1554	10.5	63009.6	-5614.3
1375	8.7	55720.0	-5637.9	1465	10.8	61449.3	-5600.7	1555	9.8	63030.4	-5646.7
1376	11.0	55748.7	-5605.2	1466	9.6	61501.7	-5609.7	1556	11.0	63100.4	-5623.3
1377	8.6	55816.2	-5610.2	1467	10.8	61505.2	-5619.7	1557	10.8	63110.0	-5609.2
1378	10.0	55820.6	-5639.9	1468	10.5	61511.0	-5605.7	1558	10.0	63110.7	-5616.0
1379	9.9	55831.5	-5621.2	1469	10.3	61516.8	-5631.9	1559	10.8	63122.4	-5607.2
1380	9.3	55839.2	-5637.9	1470	8.9	61551.2	-5649.3	1560	11.0	63132.0	-5602.2
1561	9.9	63134.7	-5614.3
1562	10.5	63135.1	-5624.2
1563	9.3	63145.7	-5638.6
1564	10.8	63149.6	-5607.2
1565	8.9	63156.9	-5658.9
1566	10.3	63157.7	-5639.6
1567	10.0	63209.0	-5632.5
1568	10.0	63221.8	-5612.0
1569	9.9	63230.7	-5651.6
1570	10.3	63249.2	-5604.2
1571	9.1	63252.0	-5642.6
1572	9.9	63259.8	-5612.2
1573	9.7	63320.1	-5603.2
1574	11.0	63325.8	-5616.2
1575	8.0	63334.5	-5607.8
1576	11.0	63337.4	-5621.2
1577	10.5	63337.4	-5636.6
1578	10.0	63401.0	-5635.6
1579	10.3	63407.2	-5604.2
1580	10.8	63429.5	-5602.6
1581	9.1	63441.9	-5609.2
1582	9.9	63445.7	-5654.5
1583	10.5	63516.0	-5651.5
1584	9.7	63527.2	-5644.2
1585	10.5	63528.9	-5658.5
1586	9.8	63551.7	-5635.4
1587	9.5	63605.7	-5612.4
1588	9.3	63621.3	-5643.5
1589	9.8	63634.7	-5600.4
1590	10.5	63655.8	-5648.4
1591	10.8	63727.7	-5624.3
1592	9.7	63728.7	-5636.4
1593	11.0	63728.8	-5604.3
1594	10.0	63745.6	-5656.6
1595	10.5	63747.4	-5647.4
1596	9.5	63752.9	-5623.3
1597	10.3	63755.4	-5632.4
1598	10.0	63755.7	-5657.4
1599	9.3	63757.7	-5606.3
1600	9.9	63800.7	-5606.3
1601	10.3	63805.0	-5655.4
1602	10.5	63826.2	-5609.3
1603	9.7	63830.2	-5652.2
1604	10.5	63835.5	-5601.3
1605	9.9	63842.0	-5634.3
1606	9.9	63859.8	-5635.8
1607	10.5	63906.2	-5603.3
1608	10.8	63936.4	-5607.3
1609	10.5	63940.3	-5648.3
1610	9.4	63945.7	-5656.5
1611	10.5	63945.9	-5647.3
1612	9.6	63950.2	-5620.3
1613	10.8	64003.8	-5645.3
1614	10.8	64005.7	-5651.3
1615	10.5	64009.9	-5623.3
1616	10.3	64011.9	-5633.3
1617	9.8	64015.8	-5619.3
1618	9.9	64022.1	-5625.3
1619	10.3	64025.2	-5628.3
1620	9.3	64050.8	-5634.6
1621	8.9	64100.6	-5628.2
1622	10.3	64117.2	-5623.2
1623	9.8	64121.1	-5628.2
1624	10.5	64132.1	-5646.3
1625	9.3	64138.7	-5617.2
1626	10.3	64143.2	-5633.2
1627	9.6	64155.7	-5604.2
1628	10.5	64209.4	-5606.2
1629	10.3	64219.3	-5613.1
1630	10.5	64242.6	-5624.1
1631	10.3	64305.8	-5636.6
1632	10.5	64326.7	-5616.1
1633	9.6	64334.9	-5616.1
1634	10.5	64352.8	-5637.2
1635	9.8	64411.2	-5644.2
1636	10.3	64440.9	-5628.0
1637	8.7	64458.2	-5619.0
1638	10.5	64514.3	-5624.8
1639	10.8	64522.2	-5627.0
1640	11.0	64530.0	-5655.1
1641	10.3	64532.2	-5640.1
1642	8.4	64600.1	-5610.7
1643	9.9	64604.8	-5654.1
1644	10.0	64605.6	-5636.1
1645	10.5	64609.5	-5646.1
1646	10.3	64615.0	-5654.1
1647	9.5	64638.3	-5625.9
1648	10.5	64639.5	-5627.9
1649	11.0	64646.1	-5608.9
1650	11.0	64714.0	-5601.9

-56 1651 6h47m

-56 2010 7h46m

1651	11.0	64721.6	-5613.9	1741	9.9	70228.6	-5643.2	1831	10.3	71747.9	-5656.9
1652	9.4	64739.8	-5627.8	1742	9.7	70234.8	-5621.2	1832	9.9	71749.7	-5609.3
1653	10.3	64743.8	-5637.0	1743	10.3	70251.2	-5655.2	1833	7.0	71754.1	-5603.4
1654	10.3	64744.7	-5601.8	1744	9.2	70251.3	-5641.0	1834	9.6	71825.1	-5622.0
1655	10.5	64752.8	-5659.0	1745	11.0	70300.3	-5612.8	1835	7.6	71829.8	-5632.8
1656	10.5	64759.3	-5609.8	1746	10.0	70306.2	-5654.5	1836	9.5	71840.5	-5659.9
1657	9.5	64805.3	-5605.6	1747	9.2	70321.2	-5601.8	1837	9.9	71854.1	-5647.9
1658	10.5	64818.7	-5610.8	1748	10.5	70325.2	-5632.8	1838	9.8	71900.1	-5624.3
1659	10.3	64828.3	-5654.0	1749	10.8	70326.9	-5625.8	1839	10.0	71907.3	-5637.9
1660	8.8	64833.2	-5648.0	1750	10.3	70339.7	-5654.8	1840	8.5	71915.6	-5601.1
1661	9.5	64837.8	-5605.5	1751	10.3	70350.2	-5631.8	1841	9.7	71922.9	-5629.0
1662	9.8	64838.0	-5657.0	1752	10.5	70407.6	-5601.2	1842	9.7	71937.9	-5604.3
1663	9.3	64839.8	-5605.7	1753	8.5	70408.2	-5626.8	1843	10.3	71944.8	-5629.9
1664	10.5	64846.8	-5606.8	1754	10.3	70458.7	-5607.9	1844	10.3	71944.8	-5625.3
1665	9.6	64903.6	-5644.0	1755	9.1	70505.7	-5607.9	1845	8.1	72019.2	-5626.3
1666	11.0	64909.5	-5603.8	1756	11.0	70509.4	-5612.7	1846	10.5	72021.0	-5627.3
1667	10.5	64933.3	-5622.7	1757	9.8	70512.2	-5649.6	1847	9.8	72025.7	-5616.3
1668	9.9	64945.6	-5631.2	1758	9.9	70525.3	-5641.4	1848	9.4	72033.4	-5659.8
1669	9.3	64952.4	-5621.7	1759	10.0	70529.3	-5639.4	1849	9.3	72050.0	-5635.8
1670	9.0	64954.4	-5620.9	1760	9.0	70534.0	-5627.7	1850	9.6	72050.1	-5616.0
1671	10.3	65011.2	-5641.9	1761	9.3	70544.2	-5645.2	1851	10.5	72059.2	-5621.2
1672	9.5	65021.0	-5634.2	1762	9.6	70625.1	-5630.7	1852	10.3	72109.6	-5631.9
1673	10.3	65021.3	-5620.9	1763	9.8	70633.8	-5625.8	1853	10.8	72120.1	-5622.0
1674	10.5	65026.9	-5612.7	1764	8.7	70641.2	-5652.3	1854	9.2	72200.0	-5621.2
1675	10.0	65034.3	-5635.9	1765	8.4	70649.0	-5609.6	1855	10.5	72220.6	-5612.2
1676	10.5	65036.7	-5611.7	1766	8.5	70651.7	-5610.0	1856	10.5	72227.2	-5634.4
1677	9.5	65040.3	-5651.9	1767	10.3	70657.3	-5631.0	1857	8.8	72240.0	-5640.0
1678	10.3	65046.9	-5623.7	1768	9.6	70702.9	-5624.9	1858	9.7	72244.1	-5619.0
1679	10.5	65047.0	-5647.9	1769	8.1	70724.2	-5609.8	1859	10.5	72244.1	-5602.2
1680	9.4	65054.7	-5612.9	1770	10.5	70732.3	-5621.6	1860	9.7	72250.1	-5652.4
1681	10.8	65056.9	-5640.9	1771	9.9	70741.5	-5604.4	1861	9.6	72305.3	-5639.7
1682	11.0	65103.6	-5602.7	1772	10.8	70742.1	-5617.6	1862	10.5	72307.3	-5642.7
1683	10.0	65105.7	-5641.9	1773	9.9	70759.4	-5606.6	1863	9.0	72332.1	-5626.1
1684	8.9	65131.7	-5616.5	1774	10.8	70806.9	-5607.6	1864	9.5	72335.1	-5617.1
1685	10.5	65148.9	-5633.8	1775	10.5	70811.9	-5650.3	1865	8.2	72340.6	-5642.5
1686	10.5	65206.0	-5645.9	1776	8.7	70822.2	-5632.5	1866	8.5	72353.7	-5613.4
1687	9.2	65241.8	-5629.4	1777	10.8	70827.7	-5622.5	1867	11.0	72405.8	-5658.7
1688	9.6	65253.6	-5627.4	1778	9.5	70832.0	-5602.7	1868	10.5	72407.6	-5610.1
1689	10.3	65320.8	-5631.7	1779	9.2	70832.2	-5629.4	1869	10.0	72434.1	-5616.1
1690	10.8	65323.2	-5617.4	1780	10.5	70842.1	-5648.1	1870	10.0	72440.7	-5602.1
1691	9.6	65330.4	-5621.4	1781	10.8	70905.6	-5639.2	1871	10.3	72445.2	-5627.1
1692	7.7	65337.7	-5647.8	1782	10.0	70912.6	-5622.5	1872	10.0	72448.2	-5624.6
1693	10.3	65353.0	-5651.8	1783	10.3	70913.6	-5645.2	1873	10.3	72449.9	-5622.1
1694	10.8	65401.5	-5651.8	1784	10.3	70930.4	-5659.2	1874	10.3	72458.9	-5601.2
1695	10.5	65405.2	-5624.3	1785	9.4	70938.2	-5641.6	1875	9.4	72511.4	-5622.8
1696	9.8	65419.7	-5647.8	1786	11.0	71010.3	-5630.4	1876	9.5	72520.0	-5642.6
1697	11.0	65419.7	-5640.8	1787	10.8	71014.2	-5627.6	1877	10.5	72520.4	-5600.8
1698	9.4	65439.2	-5643.8	1788	9.8	71020.2	-5627.2	1878	11.0	72549.3	-5603.1
1699	10.3	65446.3	-5619.5	1789	9.5	71022.2	-5641.2	1879	11.0	72600.4	-5635.1
1700	9.6	65504.3	-5610.3	1790	9.8	71029.3	-5608.6	1880	10.5	72609.6	-5628.1
1701	9.5	65508.7	-5601.3	1791	10.5	71033.7	-5615.6	1881	10.3	72615.2	-5609.1
1702	10.3	65515.3	-5649.8	1792	10.0	71033.7	-5605.4	1882	10.5	72625.6	-5610.1
1703	10.3	65524.3	-5654.8	1793	9.2	71108.0	-5630.4	1883	10.5	72630.1	-5633.7
1704	9.6	65530.4	-5600.5	1794	10.0	71122.1	-5638.2	1884	10.3	72636.2	-5614.0
1705	8.8	65606.8	-5636.7	1795	10.5	71142.1	-5602.5	1885	10.0	72721.1	-5646.6
1706	11.0	65610.6	-5622.2	1796	10.5	71144.2	-5636.1	1886	8.0	72723.1	-5628.0
1707	7.1	65615.4	-5613.2	1797	10.8	71155.0	-5605.8	1887	10.5	72724.8	-5630.3
1708	11.0	65615.4	-5623.2	1798	10.8	71158.5	-5604.5	1888	10.3	72730.0	-5642.6
1709	10.3	65629.6	-5632.4	1799	10.0	71213.2	-5650.1	1889	10.5	72730.3	-5656.6
1710	9.4	65632.1	-5618.0	1800	10.5	71220.4	-5635.7	1890	8.1	72734.6	-5603.2
1711	11.0	65651.5	-5624.2	1801	9.5	71225.7	-5604.8	1891	9.9	72742.6	-5640.7
1712	10.8	65733.0	-5601.1	1802	10.5	71234.2	-5656.1	1892	8.9	72747.0	-5641.5
1713	10.5	65744.0	-5601.1	1803	10.3	71234.7	-5621.5	1893	7.3	72752.5	-5656.6
1714	10.5	65748.3	-5650.7	1804	10.5	71245.2	-5636.1	1894	9.8	72807.7	-5630.8
1715	9.2	65750.8	-5654.7	1805	10.3	71252.4	-5605.5	1895	9.1	72831.0	-5634.8
1716	7.8	65753.3	-5643.7	1806	10.8	71256.5	-5657.1	1896	8.0	72840.4	-5621.3
1717	10.3	65759.2	-5648.7	1807	10.0	71418.2	-5614.4	1897	9.3	72841.0	-5636.2
1718	10.8	65819.8	-5615.1	1808	8.6	71427.9	-5611.8	1898	9.5	72900.2	-5615.0
1719	10.8	65823.5	-5624.1	1809	10.3	71432.3	-5607.4	1899	9.5	72908.1	-5650.5
1720	10.5	65831.7	-5615.1	1810	9.8	71437.6	-5639.0	1900	10.5	72908.6	-5626.0
1721	9.3	65856.3	-5638.6	1811	10.0	71440.2	-5619.2	1901	9.5	72916.2	-5650.5
1722	10.5	65857.2	-5620.1	1812	10.8	71444.0	-5606.4	1902	10.5	72922.7	-5602.0
1723	10.3	65924.2	-5619.0	1813	10.5	71457.1	-5628.4	1903	9.8	72935.9	-5603.3
1724	10.5	65926.8	-5648.6	1814	10.8	71508.1	-5611.4	1904	10.5	72945.7	-5609.2
1725	8.1	65926.9	-5626.2	1815	10.3	71515.6	-5647.7	1905	10.5	72949.3	-5603.9
1726	10.8	65940.8	-5642.6	1816	11.0	71558.4	-5616.4	1906	10.5	73000.2	-5610.9
1727	10.5	65959.7	-5628.0	1817	10.5	71611.2	-5655.0	1907	9.8	73001.6	-5621.9
1728	10.5	70013.7	-5626.2	1818	11.0	71613.0	-5622.4	1908	9.5	73009.1	-5653.4
1729	10.5	70025.7	-5656.6	1819	10.8	71616.3	-5619.8	1909	10.5	73020.6	-5630.9
1730	10.5	70036.8	-5601.2	1820	10.8	71619.2	-5607.2	1910	10.5	73022.8	-5639.4
1731	9.3	70038.6	-5635.7	1821	9.1	71623.2	-5624.8	1911	10.3	73026.7	-5606.9
1732	9.2	70045.3	-5650.4	1822	10.3	71628.2	-5611.4	1912	9.6	73039.2	-5611.5
1733	11.0	70138.5	-5616.9	1823	9.7	71638.3	-5650.0	1913	9.6	73050.2	-5622.4
1734	11.0	70143.8	-5601.9	1824	9.4	71644.2	-5615.4	1914	10.5	73052.3	-5653.4
1735	10.3	70154.4	-5638.5	1825	9.7	71649.1	-5627.2	1915	10.3	73059.2	-5651.9
1736	5.3	70158.3	-5633.6	1826	9.8	71654.6	-5637.0	1916	9.5	73148.8	-5653.4
1737	8.6	70200.9	-5640.5	1827	10.5	71658.1	-5634.9	1917	9.7	73200.4	-5603.9
1738	10.5	70208.7	-5607.3	1828	9.6	71720.2	-5612.4	1918	9.3	73210.9	-5629.2
1739	10.8	70213.6	-5616.9	1829	10.5	71726.7	-5617.4	1919	10.5	73226.7	-5600.8
1740	10.5	70223.8	-5619.8	1830	10.3	71745.9	-5653.9	1920	10.5	73251.5	-5642.4
1921	10.8	73303.3	-5658.4								
1922	10.3	73310.3	-5647.3								
1923	9.3	73310.5	-5646.5								
1924	8.8	73325.0	-5625.3								
1925	9.8	73345.6	-5617.8								
1926	10.5	73350.5	-5643.3								
1927	10.5	73352.3	-5638.2								
1928	11.0	73423.1	-5635.4								
1929	9.4	73428.5	-5639.2								
1930	10.5	73438.4	-5634.5								
1931	10.5	73458.0	-5626.7								
1932	9.7	73501.0	-5639.4								
1933	9.8	73501.2	-5612.7								
1934	11.0	73505.5	-5630.7								
1935	8.0	73506.2	-5656.2								
1936	10.3	73534.1	-5646.2								
1937	10.3	73535.7	-5603.7								
1938	9.6	73606.3	-5658.3								
1939	9.5	73611.1	-5647.1								
1940	11.0	73615.7	-5630.7								
1941	10.5	73626.3	-5646.3								
1942	10.5	73627.7	-5650.6								
1943	10.5	73634.7	-5651.3								
1944	10.5	73637.2	-5639.3								
1945	10.5	73651.5	-5641.3								
1946	9.1	73653.8	-5658.3								
1947	10.5	73702.0	-5642.3								
1948	9.2	73726.0	-5652.4								
1949	11.0	73729.0	-5606.6								
1950	9.5	73731.4	-5600.1								
1951	10.0	73748.7	-5629.3								
1952	10.5	73756.0	-5655.3								
1953	10.3	73757.1	-5654.3								
1954	9.7	73819.1	-5631.3								
1955	9.4	73826.2	-5637.2								
1956	10.8	73845.6	-5652.2								
1957	8.9	73909.7	-5633.9								
1958	7.0	73909.7	-5601.4								
1959	9.5	73911.2	-5606.5								
1960	9.8	73920.1	-5633.2								
1961	9.4	73940.8	-5617.5								
1962	10.8	73942.2	-5650.2								
1963	9.3	73943.9	-5610.5								
1964	10.0	73946.7	-5652.0								
1965	10.3	73949.8	-5620.5								
1966	10.3	74009.8	-5621.5								
1967	10.8	74018.1	-5650.2								
1968	10.3	74032.1	-5603.5								
1969	10.3	74046.9	-5614.5								
1970	10.0	74058.9	-5606.2								
1971	9.5	74101.1	-5634.0								
1972	10.3	74112.8	-5650.1								
1973	10.5	74121.8	-5601.5								
1974	9.7	74122.5	-5615.5								
1975	9.4	74131.4	-5627.0								
1976	9.3	74158.2	-5655.6								
1977	8.1	74202.1	-5624.5								
1978	10.8	74222.3	-5612.5								
1979	10.8	74225.8	-5626.4								
1980	10.8	74250.6	-5623.4								
1981	10.3	74251.0	-5613.4								
1982	9.3	74259.1	-5609.4								
1983	7.0	74259.2	-5625.2								
1984	10.5	74306.1	-5642.7								
1985	10.5	74311.5	-5601.6								
1986	10.8	74319.5	-5639.0								
1987	10.3	74320.2	-5613.8								
1988	8.0	74330.3	-5656.0								
1989	10.3	74338.4	-5645.2								
1990	10.8	74341.9	-5635.0								
1991	10.3	74342.9	-5623.4								
1992	9.6	74345.7	-5602.6								
1993	8.9	74348.9	-5657.0								
1994	9.9	74409.7	-5606.8								
1995	10.0	74416.9	-5622.4								
1996	11.0	74422.5	-5607.4								
1997	9.5	74444.4	-5657.7								
1998	9.7	74444.8	-5656.9								
1999	10.5	74508.2	-5654.9								
2000	11.0	74510.0	-5646.9								
2001	11.0	74512.7	-5640.9								
2002	9.7	74519.2	-5619.0								
2003	9.8	74525.6	-5643.9								
2004	11.0	74538.6	-5623.3								
2005	6.2	74539.3	-5609.3								
2006	10.5	74547.5	-5655.2								
2007	10.3	74548.9	-5658.9								
2008	10.8	74549.1	-5627.0								
2009	11.0	74607.5	-5614.3								
2010	10.0	74617.6	-5615.0								

-56 2011 7h46m

-56 2370 8h36m

2011	5.6	74625.5 -5606.0	2101	10.5	80211.7 -5624.2	2191	9.7	81552.8 -5653.0	2281	9.8	82712.6 -5610.4
2012	10.5	74628.2 -5606.5	2102	11.0	80218.6 -5643.2	2192	9.2	81559.6 -5650.5	2282	9.6	82722.6 -5620.2
2013	10.0	74649.0 -5650.6	2103	9.5	80226.8 -5618.2	2193	9.0	81608.6 -5645.9	2283	10.0	82725.7 -5619.2
2014	10.3	74706.8 -5631.7	2104	10.0	80237.1 -5643.2	2194	11.0	81608.9 -5647.0	2284	10.5	82729.6 -5648.9
2015	10.5	74708.7 -5630.8	2105	10.0	80240.1 -5626.2	2195	11.0	81608.9 -5654.0	2285	10.0	82809.2 -5627.2
2016	10.8	74708.7 -5631.8	2106	9.8	80243.4 -5648.2	2196	9.7	81620.6 -5622.9	2286	10.5	82811.6 -5629.1
2017	9.9	74732.1 -5621.3	2107	10.0	80250.1 -5603.2	2197	10.8	81623.6 -5659.3	2287	11.0	82815.9 -5649.9
2018	10.5	74736.2 -5657.8	2108	9.1	80305.6 -5621.9	2198	10.0	81635.1 -5609.9	2288	9.5	82819.1 -5651.9
2019	8.8	74741.3 -5600.3	2109	10.0	80327.6 -5643.2	2199	10.0	81644.9 -5627.0	2289	10.0	82824.2 -5601.4
2020	10.0	74801.5 -5624.1	2110	9.7	80355.6 -5639.2	2200	10.3	81645.2 -5643.8	2290	10.5	82832.6 -5643.9
2021	10.3	74838.0 -5633.9	2111	10.0	80413.8 -5612.6	2201	7.7	81706.8 -5627.9	2291	10.0	82834.1 -5607.2
2022	11.0	74848.4 -5645.8	2112	9.7	80415.7 -5620.5	2202	9.2	81715.9 -5617.9	2292	9.6	82836.0 -5638.3
2023	10.0	74859.1 -5608.4	2113	9.7	80421.2 -5621.1	2203	10.0	81722.6 -5621.9	2293	10.3	82846.4 -5658.5
2024	10.0	74906.8 -5602.6	2114	7.5	80429.1 -5617.2	2204	10.0	81731.1 -5651.3	2294	10.5	82855.0 -5630.6
2025	10.0	74920.8 -5603.2	2115	9.6	80432.5 -5652.0	2205	10.0	81738.5 -5612.9	2295	10.0	82900.7 -5613.4
2026	9.4	74925.9 -5649.6	2116	10.0	80436.1 -5626.0	2206	10.3	81751.7 -5632.2	2296	9.9	82904.0 -5634.9
2027	10.0	74940.0 -5615.9	2117	10.0	80440.6 -5640.1	2207	10.3	81800.2 -5632.2	2297	8.5	82906.6 -5612.4
2028	9.1	75023.6 -5649.7	2118	9.9	80454.9 -5629.1	2208	9.6	81801.2 -5657.3	2298	10.0	82915.7 -5612.4
2029	10.0	75036.5 -5632.9	2119	10.0	80502.9 -5602.6	2209	9.9	81801.6 -5648.3	2299	9.7	82916.6 -5607.4
2030	10.3	75049.3 -5633.8	2120	9.4	80505.8 -5627.2	2210	10.3	81810.6 -5636.0	2300	9.8	82922.1 -5607.4
2031	9.4	75049.4 -5653.5	2121	10.5	80505.8 -5655.1	2211	9.8	81821.1 -5612.2	2301	9.7	82925.0 -5659.3
2032	11.0	75052.5 -5638.7	2122	10.3	80508.2 -5635.1	2212	10.0	81830.4 -5602.8	2302	9.5	82928.0 -5657.8
2033	10.5	75108.4 -5655.7	2123	8.1	80510.6 -5615.3	2213	9.5	81831.2 -5602.4	2303	10.0	82934.0 -5614.3
2034	9.9	75119.7 -5601.2	2124	9.1	80520.6 -5645.1	2214	10.0	81840.6 -5616.8	2304	10.0	82935.6 -5632.3
2035	9.9	75129.6 -5612.4	2125	11.0	80523.0 -5654.1	2215	11.5	81903.3 -5639.3	2305	9.9	82941.7 -5621.2
2036	11.0	75139.4 -5651.7	2126	10.0	80529.0 -5649.1	2216	10.0	81914.0 -5610.8	2306	11.0	83000.6 -5655.3
2037	10.0	75139.9 -5624.4	2127	9.9	80529.7 -5608.7	2217	9.6	81923.7 -5643.4	2307	11.0	83004.8 -5634.8
2038	10.0	75140.9 -5651.6	2128	10.3	80529.9 -5659.7	2218	9.7	81924.2 -5636.6	2308	10.0	83011.6 -5648.2
2039	10.0	75157.1 -5616.1	2129	10.0	80639.8 -5622.0	2219	10.3	82000.4 -5648.5	2309	10.5	83014.1 -5628.5
2040	10.0	75200.6 -5608.8	2130	10.0	80640.0 -5622.0	2220	9.5	82001.0 -5613.8	2310	9.7	83018.8 -5600.3
2041	10.0	75205.6 -5611.1	2131	10.0	80648.0 -5623.1	2221	8.1	82005.6 -5644.2	2311	8.9	83020.0 -5655.8
2042	11.0	75205.6 -5638.6	2132	10.0	80650.9 -5625.3	2222	10.0	82010.6 -5611.0	2312	11.0	83026.9 -5648.0
2043	10.0	75209.8 -5631.9	2133	9.3	80651.6 -5608.3	2223	10.0	82013.0 -5624.8	2313	9.9	83029.6 -5624.8
2044	6.0	75218.0 -5658.6	2134	10.0	80654.0 -5630.1	2224	10.0	82024.2 -5629.2	2314	10.0	83051.0 -5616.3
2045	10.0	75219.6 -5610.6	2135	10.3	80718.2 -5652.7	2225	9.1	82034.4 -5612.0	2315	8.4	83056.6 -5641.8
2046	9.3	75249.4 -5655.6	2136	10.0	80744.4 -5610.3	2226	11.0	82059.7 -5656.0	2316	10.0	83057.8 -5624.0
2047	9.5	75303.0 -5619.4	2137	11.0	80754.6 -5659.0	2227	10.5	82101.0 -5657.2	2317	9.8	83059.2 -5616.5
2048	10.5	75328.8 -5650.6	2138	10.8	80755.7 -5653.8	2228	10.0	82120.1 -5604.7	2318	10.0	83109.0 -5655.8
2049	8.7	75407.9 -5609.1	2139	10.3	80800.8 -5646.6	2229	9.1	82150.5 -5634.7	2319	9.6	83113.6 -5635.8
2050	11.0	75408.9 -5643.5	2140	10.3	80813.6 -5642.8	2230	8.9	82155.8 -5630.4	2320	9.6	83131.0 -5609.3
2051	9.0	75420.6 -5631.5	2141	11.5	80819.8 -5641.6	2231	10.0	82202.6 -5606.7	2321	10.0	83131.2 -5602.9
2052	11.0	75434.1 -5617.5	2142	10.0	80842.5 -5623.6	2232	10.0	82203.6 -5621.7	2322	9.0	83132.4 -5639.8
2053	10.8	75505.5 -5616.5	2143	11.5	80851.7 -5658.6	2233	10.0	82210.1 -5611.3	2323	11.0	83135.7 -5654.1
2054	10.0	75530.8 -5634.2	2144	9.1	80902.0 -5603.2	2234	8.5	82227.6 -5621.5	2324	11.5	83142.9 -5659.8
2055	10.3	75539.9 -5649.5	2145	10.0	80924.4 -5609.6	2235	11.0	82229.6 -5640.9	2325	11.5	83146.2 -5647.8
2056	10.0	75550.0 -5647.5	2146	10.5	80925.7 -5658.8	2236	10.0	82236.6 -5659.8	2326	11.0	83150.9 -5654.1
2057	9.6	75551.3 -5632.5	2147	11.0	80931.6 -5633.6	2237	9.7	82244.1 -5624.2	2327	11.0	83201.6 -5638.2
2058	10.0	75601.6 -5611.0	2148	10.8	80933.7 -5635.5	2238	9.8	82246.6 -5624.2	2328	9.9	83202.1 -5604.2
2059	10.5	75610.7 -5607.0	2149	10.0	80938.3 -5605.2	2239	11.5	82258.2 -5633.1	2329	10.0	83208.6 -5622.3
2060	9.4	75614.8 -5635.8	2150	10.0	80940.3 -5618.3	2240	10.0	82300.6 -5609.2	2330	9.4	83226.0 -5652.8
2061	9.3	75628.9 -5654.2	2151	10.3	80943.9 -5639.5	2241	10.3	82306.6 -5632.1	2331	10.0	83228.6 -5637.8
2062	10.3	75633.2 -5635.4	2152	11.5	80947.4 -5652.5	2242	10.0	82309.2 -5600.0	2332	10.8	83237.0 -5647.7
2063	9.7	75635.9 -5654.2	2153	10.0	80955.0 -5617.2	2243	10.0	82312.6 -5605.6	2333	7.5	83302.5 -5616.4
2064	9.9	75641.7 -5600.0	2154	10.0	81002.6 -5607.2	2244	10.8	82313.6 -5637.1	2334	11.0	83314.0 -5637.7
2065	9.9	75659.3 -5646.6	2155	11.5	81017.2 -5640.5	2245	10.5	82332.0 -5629.9	2335	8.7	83315.9 -5626.6
2066	10.3	75700.5 -5644.6	2156	10.0	81032.5 -5655.5	2246	8.7	82338.1 -5653.2	2336	10.0	83316.7 -5617.5
2067	9.7	75702.0 -5614.1	2157	11.0	81043.8 -5643.5	2247	9.0	82352.2 -5626.2	2337	9.5	83320.1 -5627.0
2068	8.8	75727.9 -5635.4	2158	11.0	81100.6 -5639.0	2248	10.0	82357.0 -5619.6	2338	10.0	83345.0 -5611.0
2069	9.3	75732.9 -5647.6	2159	9.7	81102.3 -5621.8	2249	10.0	82359.6 -5607.4	2339	9.5	83345.5 -5601.2
2070	10.0	75736.5 -5630.1	2160	10.5	81102.6 -5635.3	2250	10.0	82400.3 -5624.4	2340	11.0	83351.0 -5653.7
2071	10.5	75743.3 -5641.4	2161	10.0	81107.5 -5615.2	2251	9.8	82401.2 -5638.6	2341	11.0	83354.6 -5649.7
2072	9.9	75752.1 -5621.1	2162	9.5	81112.4 -5651.5	2252	10.0	82404.0 -5621.8	2342	10.5	83359.0 -5638.7
2073	9.4	75802.0 -5636.4	2163	7.7	81136.2 -5622.3	2253	10.5	82411.2 -5630.0	2343	9.5	83400.3 -5602.1
2074	9.9	75812.1 -5609.9	2164	11.5	81136.7 -5653.5	2254	10.3	82414.0 -5630.3	2344	11.0	83413.1 -5652.2
2075	9.0	75815.6 -5620.6	2165	9.9	81203.3 -5618.4	2255	9.1	82414.0 -5623.4	2345	10.5	83417.2 -5633.9
2076	9.8	75818.1 -5635.8	2166	9.4	81210.0 -5624.3	2256	11.0	82427.1 -5659.6	2346	9.5	83420.7 -5602.8
2077	10.0	75840.7 -5600.8	2167	11.0	81212.9 -5639.4	2257	10.5	82431.2 -5648.2	2347	10.0	83421.1 -5623.1
2078	10.0	75840.7 -5618.3	2168	10.0	81225.9 -5614.2	2258	11.0	82431.2 -5658.6	2348	10.5	83424.9 -5628.1
2079	8.3	75843.2 -5636.1	2169	10.0	81241.2 -5611.1	2259	11.0	82434.4 -5639.6	2349	11.0	83425.4 -5657.7
2080	10.0	75844.0 -5621.3	2170	10.3	81249.6 -5634.3	2260	10.0	82440.1 -5624.3	2350	11.0	83425.7 -5655.9
2081	10.0	75845.8 -5604.2	2171	9.7	81251.2 -5601.9	2261	11.0	82518.6 -5641.6	2351	9.7	83427.6 -5641.2
2082	10.5	75900.3 -5639.1	2172	9.2	81252.1 -5620.4	2262	10.0	82526.6 -5607.5	2352	10.5	83427.9 -5608.1
2083	10.0	75929.6 -5616.6	2173	10.0	81315.4 -5626.9	2263	9.9	82531.1 -5609.9	2353	10.0	83436.0 -5642.2
2084	10.0	75936.5 -5616.3	2174	8.4	81316.9 -5653.2	2264	10.5	82537.4 -5644.9	2354	11.0	83450.1 -5639.2
2085	11.0	80008.9 -5630.3	2175	9.6	81319.0 -5644.4	2265	9.7	82542.6 -5636.9	2355	10.0	83452.6 -5631.1
2086	9.8	80015.5 -5646.5	2176	11.0	81323.2 -5653.4	2266	10.5	82547.6 -5633.5	2356	9.7	83453.0 -5620.9
2087	10.0	80016.2 -5603.3	2177	10.8	81352.0 -5640.4	2267	10.8	82555.0 -5629.2	2357	10.0	83454.6 -5622.2
2088	10.0	80016.9 -5654.1	2178	10.0	81408.4 -5627.0	2268	11.5	82607.1 -5656.9	2358	11.0	83455.8 -5639.7
2089	9.1	80017.6 -5615.3	2179	10.0	81415.9 -5608.8	2269	11.0	82609.9 -5646.5	2359	11.0	83500.9 -5632.7
2090	10.3	80019.3 -5659.3	2180	10.0	81418.4 -5619.0	2270	9.1	82629.0 -5625.8	2360	10.5	83503.0 -5654.4
2091	10.0	80024.7 -5623.3	2181	11.0	81424.2 -5645.9	2271	9.6	82630.7 -5601.5	2361	10.0	83503.4 -5615.0
2092	10.5	80035.6 -5638.3	2182	9.5	81427.4 -5636.7	2272	10.0	82634.6 -5621.4	2362	10.0	83503.6 -5601.0
2093	10.5	80038.0 -5637.3	2183	10.0	81428.3 -5603.0	2273	10.5	82638.2 -5638.9	2363	10.0	83522.2 -5616.6
2094	10.3	80106.3 -5646.1	2184	10.0	81440.4 -5607.0	2274	11.0	82640.7 -5628.9	2364	10.5	83540.5 -5632.1
2095	9.8	80111.6 -5611.6	2185	9.8	81445.4 -5607.8	2275	10.8	82649.2 -5640.9	2365	11.0	83542.0 -5653.7
2096	9.8	80115.8 -5615.8	2186	10.8	81450.7 -5658.4	2276	11.0	82650.8 -5643.9	2366	10.5	83543.6 -5604.5
2097	10.0	80122.0 -5617.2	2187	10.0	81505.9 -5611.0	2277	9.6	82651.2 -5618.3	2367	11.0	83557.6 -5649.6
2098	10.0	80134.0 -5644.2	2188	10.5	81506.5 -5636.4	2278	9.5	82651.6 -5651.4	2368	10.0	83557.6 -5608.6
2099	9.9	80151.8 -5630.1	2189	11.3	81519.9 -5641.3	2279	8.3	82653.0 -5630.8	2369	10.5	83558.7 -5600.2
2100	9.6	80200.3 -5620.2	2190	9.4	81548.3 -5633.6	2280	10.0	82709.0 -5615.3	2370	11.0	83600.9 -5656.2

-56 2371 8h36m

-56 2730 9h18m

2371	10.8	83607.0	-5652.6	2461	11.5	84524.6	-5653.0	2551	8.2	85654.7	-5648.4	2641	9.5	90749.1	-5632.3
2372	11.3	83608.3	-5657.6	2462	11.0	84530.4	-5635.2	2552	8.6	85657.9	-5658.2	2642	9.0	90756.5	-5614.1
2373	9.8	83620.5	-5618.0	2463	11.0	84532.6	-5642.4	2553	9.3	85703.3	-5603.0	2643	9.1	90802.6	-5630.0
2374	11.3	83623.9	-5641.2	2464	10.0	84539.6	-5604.9	2554	9.8	85709.7	-5604.8	2644	9.6	90805.5	-5608.5
2375	11.5	83641.0	-5648.6	2465	9.9	84539.8	-5610.8	2555	10.3	85710.3	-5629.3	2645	10.0	90809.5	-5609.1
2376	10.0	83646.6	-5622.5	2466	8.7	84550.3	-5645.8	2556	10.0	85710.3	-5623.8	2646	9.2	90821.0	-5628.6
2377	10.8	83704.8	-5629.6	2467	10.5	84554.1	-5614.6	2557	8.2	85712.8	-5637.0	2647	9.7	90824.2	-5630.4
2378	9.0	83708.3	-5620.0	2468	10.0	84555.7	-5634.3	2558	8.6	85807.8	-5626.8	2648	9.4	90829.1	-5645.3
2379	10.0	83711.2	-5612.0	2469	9.9	84556.2	-5614.6	2559	9.9	85808.1	-5641.0	2649	9.3	90844.0	-5601.0
2380	11.0	83730.6	-5657.6	2470	10.3	84559.1	-5641.2	2560	9.2	85818.6	-5633.7	2650	9.7	90858.5	-5601.1
2381	10.0	83730.6	-5642.4	2471	10.0	84616.6	-5603.6	2561	8.8	85824.4	-5652.0	2651	10.3	90912.0	-5601.3
2382	9.6	83730.6	-5640.6	2472	9.8	84623.0	-5637.3	2562	9.0	85827.3	-5620.9	2652	8.9	90931.1	-5656.0
2383	10.3	83732.5	-5618.0	2473	11.5	84626.0	-5638.0	2563	9.1	85836.2	-5627.4	2653	10.0	90940.0	-5609.9
2384	11.0	83736.4	-5630.6	2474	11.5	84640.8	-5658.7	2564	10.8	85836.8	-5634.0	2654	9.8	90950.3	-5643.3
2385	10.3	83750.8	-5633.6	2475	11.0	84644.6	-5629.6	2565	10.0	85847.7	-5607.9	2655	9.4	90951.0	-5609.2
2386	10.0	83800.6	-5614.1	2476	10.0	84650.3	-5606.6	2566	10.0	85855.5	-5604.7	2656	9.8	91001.2	-5632.9
2387	9.7	83806.9	-5649.3	2477	10.3	84728.2	-5630.2	2567	9.8	85858.9	-5619.5	2657	10.8	91031.0	-5600.3
2388	9.8	83808.2	-5605.0	2478	10.0	84734.8	-5618.5	2568	9.6	85900.3	-5636.9	2658	10.5	91039.1	-5637.0
2389	10.0	83811.1	-5621.6	2479	11.3	84742.8	-5635.1	2569	9.8	85901.3	-5642.9	2659	11.0	91052.5	-5611.0
2390	11.0	83816.0	-5646.9	2480	10.0	84749.3	-5607.5	2570	10.0	85905.9	-5623.7	2660	9.7	91055.5	-5625.2
2391	11.0	83834.0	-5635.8	2481	8.7	84753.3	-5636.2	2571	10.0	85908.7	-5613.5	2661	8.8	91057.5	-5643.2
2392	9.2	83838.2	-5643.5	2482	10.8	84814.1	-5627.5	2572	10.0	85909.1	-5620.7	2662	10.5	91100.5	-5655.2
2393	10.8	83845.3	-5632.6	2483	9.2	84817.8	-5602.8	2573	9.9	85910.2	-5609.7	2663	10.5	91106.2	-5651.5
2394	9.9	83852.1	-5613.9	2484	10.0	84817.8	-5647.3	2574	10.5	85918.0	-5648.5	2664	9.2	91116.9	-5642.2
2395	11.0	83855.2	-5642.5	2485	8.0	84838.7	-5649.6	2575	10.0	85918.2	-5614.5	2665	8.6	91118.0	-5606.3
2396	11.0	83910.0	-5658.2	2486	10.0	84840.7	-5611.9	2576	9.4	85921.2	-5641.2	2666	8.9	91126.1	-5633.5
2397	9.9	83920.7	-5649.2	2487	9.7	84856.5	-5648.4	2577	10.0	85923.6	-5654.9	2667	9.5	91134.0	-5629.3
2398	10.0	83924.2	-5608.9	2488	9.9	84905.4	-5630.3	2578	10.5	85925.3	-5655.9	2668	10.5	91137.7	-5650.2
2399	10.0	83930.6	-5615.9	2489	9.9	84911.5	-5636.3	2579	9.6	85938.7	-5612.7	2669	9.4	91149.0	-5605.0
2400	8.8	83937.8	-5644.8	2490	10.0	84918.9	-5630.5	2580	10.0	85938.9	-5650.9	2670	9.7	91154.5	-5628.0
2401	10.8	83946.5	-5646.5	2491	10.0	84920.1	-5618.5	2581	9.5	90002.5	-5607.7	2671	10.5	91158.2	-5635.4
2402	11.0	83954.8	-5643.7	2492	11.0	84933.3	-5649.2	2582	10.3	90003.3	-5656.1	2672	10.5	91204.3	-5613.7
2403	11.0	83957.3	-5654.5	2493	6.8	84944.7	-5610.4	2583	10.8	90027.0	-5639.9	2673	8.5	91226.6	-5630.3
2404	10.0	84000.3	-5618.7	2494	8.6	84951.3	-5614.2	2584	10.0	90033.8	-5620.9	2674	9.8	91239.5	-5609.8
2405	9.3	84010.6	-5634.3	2495	10.5	84951.8	-5629.2	2585	10.0	90036.2	-5623.9	2675	11.0	91239.8	-5619.8
2406	10.3	84015.0	-5636.8	2496	9.1	84956.4	-5602.4	2586	10.0	90037.3	-5601.5	2676	10.0	91241.5	-5657.4
2407	10.0	84025.3	-5602.5	2497	9.7	84958.8	-5600.8	2587	10.0	90048.1	-5611.7	2677	9.5	91253.5	-5658.2
2408	11.3	84048.6	-5634.6	2498	8.0	85006.8	-5603.0	2588	9.5	90049.0	-5618.4	2678	9.8	91302.4	-5606.3
2409	8.3	84049.5	-5611.2	2499	10.5	85013.7	-5659.0	2589	10.5	90050.5	-5652.8	2679	10.0	91302.7	-5644.2
2410	11.5	84049.8	-5641.8	2500	10.0	85027.2	-5640.2	2590	10.0	90100.2	-5605.2	2680	10.3	91305.3	-5609.8
2411	11.5	84102.6	-5636.5	2501	9.9	85037.8	-5632.8	2591	10.5	90106.3	-5652.8	2681	8.0	91306.1	-5613.4
2412	10.0	84104.4	-5627.8	2502	10.3	85049.6	-5642.2	2592	10.3	90113.8	-5633.7	2682	10.5	91310.4	-5603.8
2413	11.0	84105.5	-5647.8	2503	10.0	85052.9	-5616.4	2593	9.7	90117.7	-5655.8	2683	10.0	91318.8	-5640.2
2414	11.3	84105.8	-5657.5	2504	10.0	85054.3	-5618.4	2594	10.0	90120.2	-5608.2	2684	10.5	91333.6	-5655.2
2415	11.0	84111.1	-5653.0	2505	9.7	85054.7	-5626.4	2595	8.6	90125.0	-5613.7	2685	9.9	91337.2	-5650.9
2416	9.8	84116.0	-5610.0	2506	10.0	85106.8	-5615.0	2596	10.3	90136.5	-5648.3	2686	9.6	91338.3	-5641.2
2417	11.5	84118.3	-5647.0	2507	9.6	85109.3	-5655.6	2597	9.7	90141.2	-5635.8	2687	9.6	91339.3	-5632.6
2418	10.5	84120.3	-5621.8	2508	9.9	85112.8	-5619.4	2598	10.0	90142.8	-5621.7	2688	9.9	91340.3	-5644.4
2419	9.8	84126.0	-5621.8	2509	10.3	85113.2	-5640.2	2599	10.0	90156.9	-5600.7	2689	10.5	91349.7	-5645.2
2420	10.0	84126.2	-5659.5	2510	9.9	85116.7	-5611.6	2600	9.6	90158.4	-5635.2	2690	10.3	91349.9	-5612.4
2421	10.0	84137.6	-5600.4	2511	10.0	85117.2	-5621.4	2601	10.5	90212.8	-5653.3	2691	10.3	91402.2	-5656.6
2422	11.0	84145.0	-5658.4	2512	9.4	85120.2	-5632.7	2602	10.0	90212.9	-5614.7	2692	10.3	91408.2	-5656.2
2423	9.9	84148.5	-5612.5	2513	10.0	85134.3	-5618.2	2603	10.0	90215.0	-5629.7	2693	9.9	91412.8	-5623.0
2424	10.8	84150.3	-5628.7	2514	10.0	85135.9	-5621.4	2604	10.3	90217.2	-5633.4	2694	9.1	91414.7	-5637.4
2425	9.8	84205.5	-5603.8	2515	11.0	85148.8	-5650.5	2605	10.0	90226.3	-5603.6	2695	10.8	91421.3	-5639.2
2426	11.0	84209.8	-5641.4	2516	10.3	85153.5	-5643.2	2606	10.3	90228.5	-5644.3	2696	10.3	91429.1	-5600.8
2427	9.9	84218.5	-5625.5	2517	11.0	85153.6	-5651.5	2607	10.0	90234.1	-5650.3	2697	9.7	91436.2	-5627.8
2428	10.8	84219.8	-5631.0	2518	10.5	85200.8	-5646.6	2608	9.3	90238.9	-5600.7	2698	7.3	91449.5	-5644.4
2429	11.0	84221.3	-5650.6	2519	9.6	85222.8	-5624.9	2609	10.0	90304.7	-5650.8	2699	9.1	91450.8	-5638.2
2430	10.8	84221.5	-5635.4	2520	10.5	85258.5	-5645.1	2610	10.5	90338.2	-5646.3	2700	9.2	91454.9	-5601.1
2431	11.5	84225.8	-5635.3	2521	10.5	85316.0	-5649.1	2611	10.0	90340.9	-5608.4	2701	10.8	91517.8	-5608.6
2432	9.8	84238.6	-5608.8	2522	9.8	85328.7	-5659.7	2612	7.1	90354.0	-5657.4	2702	9.4	91519.8	-5629.6
2433	9.9	84242.6	-5653.0	2523	8.4	85353.0	-5616.8	2613	10.0	90400.3	-5624.7	2703	9.2	91531.8	-5629.4
2434	10.8	84250.6	-5655.8	2524	8.6	85357.8	-5620.8	2614	10.0	90402.0	-5627.4	2704	11.0	91538.4	-5621.8
2435	10.0	84258.0	-5600.6	2525	10.0	85406.9	-5608.8	2615	9.3	90413.0	-5603.8	2705	10.3	91547.8	-5614.8
2436	10.0	84304.9	-5625.8	2526	10.3	85414.3	-5637.1	2616	10.0	90414.9	-5601.7	2706	10.5	91555.3	-5611.6
2437	9.6	84310.5	-5618.7	2527	10.5	85442.8	-5645.4	2617	9.1	90415.9	-5614.7	2707	10.5	91556.5	-5607.8
2438	9.7	84318.0	-5625.4	2528	10.0	85444.5	-5603.6	2618	9.6	90416.7	-5612.7	2708	10.5	91606.0	-5622.8
2439	9.6	84319.0	-5620.7	2529	9.1	85444.7	-5650.1	2619	9.1	90430.7	-5657.3	2709	9.3	91615.6	-5610.8
2440	10.5	84322.6	-5645.2	2530	8.5	85450.7	-5651.4	2620	9.0	90436.5	-5653.3	2710	8.4	91621.6	-5637.8
2441	4.6	84329.2	-5618.7	2531	10.0	85459.5	-5620.8	2621	10.0	90437.6	-5620.0	2711	10.0	91634.2	-5632.2
2442	9.9	84330.6	-5623.7	2532	10.5	85514.9	-5639.1	2622	9.4	90438.9	-5618.9	2712	10.8	91637.5	-5645.2
2443	9.7	84341.3	-5621.7	2533	10.5	85515.0	-5640.1	2623	9.0	90441.7	-5655.3	2713	10.3	91647.8	-5613.8
2444	9.5	84353.5	-5608.7	2534	8.0	85527.7	-5659.0	2624	9.4	90445.9	-5644.9	2714	10.8	91648.9	-5612.4
2445	9.5	84353.5	-5619.7	2535	10.0	85529.6	-5602.8	2625	10.0	90459.4	-5613.8	2715	10.5	91649.9	-5600.8
2446	11.0	84357.4	-5636.4	2536	10.0	85534.7	-5611.8	2626	10.3	90519.0	-5656.3	2716	9.4	91710.7	-5644.0
2447	11.0	84358.6	-5641.2	2537	10.0	85547.9	-5622.8	2627	10.5	90534.2	-5659.8	2717	11.0	91718.1	-5603.0
2448	9.7	84400.7	-5655.2	2538	10.0	85551.9	-5623.8	2628	9.8	90540.5	-5657.6	2718	9.7	91730.2	-5655.8
2449	11.3	84410.6	-5639.0	2539	11.0	85608.1	-5647.0	2629	10.5	90543.7	-5658.3	2719	8.2	91732.0	-5644.3
2450	10.8	84420.6	-5636.8	2540	10.3	85614.5	-5655.7	2630	9.2	90545.8	-5622.8	2720	10.8	91733.8	-5637.2
2451	10.0	84444.1	-5610.2	2541	9.9	85618.8	-5628.7	2631	10.0	90548.8	-5612.4	2721	10.5	91745.2	-5634.2
2452	8.6	84450.0	-5613.7	2542	9.8	85621.8	-5629.8	2632	8.4	90549.7	-5641.3	2722	11.0	91747.2	-5647.2
2453	9.9	84454.7	-5602.4	2543	10.0	85635.3	-5603.8	2633	9.2	90619.8	-5624.3	2723	9.8	91748.2	-5627.4
2454	10.8	84500.1	-5629.0	2544	9.3	85637.6	-5653.8	2634	9.6	90638.0	-5618.3	2724	7.5	91759.2	-5622.0
2455	10.3	84500.4	-5620.8	2545	10.0	85638.8	-5600.0	2635	10.3	90644.2	-5654.3	2725	10.0	91811.4	-5609.8
2456	11.3	84501.7	-5654.6	2546	10.8	85641.9	-5632.0	2636	10.5	90658.5	-5659.3	2726	9.8	91816.3	-5647.5
2457	11.5	84509.9	-5642.6	2547	10.3	85648.7	-5649.1	2637	9.6	90704.3	-5630.0	2727	9.7	91817.2	-5656.6
2458	11.0	84509.9	-5651.3	2548	9.4	85650.2	-5608.0	2638	10.5	90721.0	-5635.3	2728	10.5	91820.3	-5619.6
2459	9.4	84510.0	-5636.0	2549	10.0	85650.4	-5659.9	2639	10.5	90731.0	-5608.0	2729	10.5	91826.9	-5620.4
2460	11.0	84516.0	-5649.8	2550	10.0	85654.2	-5610.6	2640	8.5	90735.9	-5637.9	2730	10.5	91833.8	-5654.2

-56 2731 9h18m

-56 3090 9h56m

2731	10.3	91834.6 -5629.6	2821	9.6	92711.9 -5631.8	2911	10.0	93630.9 -5626.4	3001	10.0	94735.5 -5614.3
2732	10.8	91844.7 -5650.2	2822	3.6	92725.4 -5628.4	2912	9.0	93638.2 -5609.4	3002	9.0	94740.6 -5632.1
2733	9.4	91853.9 -5603.0	2823	10.0	92728.3 -5607.6	2913	9.2	93648.6 -5616.4	3003	10.0	94746.9 -5616.3
2734	10.8	91854.4 -5621.0	2824	9.3	92739.6 -5651.1	2914	9.0	93649.4 -5633.2	3004	10.5	94751.5 -5648.9
2735	10.3	91857.9 -5619.9	2825	9.7	92744.6 -5625.6	2915	10.3	93700.3 -5638.0	3005	9.0	94754.0 -5611.3
2736	10.0	91914.1 -5647.2	2826	10.3	92755.7 -5615.6	2916	11.3	93700.9 -5630.4	3006	9.5	94806.1 -5625.3
2737	10.0	91922.6 -5611.7	2827	10.8	92756.3 -5604.6	2917	9.6	93703.5 -5627.4	3007	9.2	94809.7 -5603.3
2738	9.8	91933.0 -5636.2	2828	7.5	92804.6 -5626.6	2918	6.7	93705.4 -5642.0	3008	10.5	94811.4 -5653.9
2739	10.3	91939.3 -5629.7	2829	10.3	92812.0 -5632.6	2919	10.3	93723.1 -5646.0	3009	10.8	94821.0 -5646.9
2740	10.3	91939.5 -5648.2	2830	11.0	92823.3 -5635.1	2920	9.5	93730.1 -5641.0	3010	10.0	94823.3 -5600.2
2741	10.5	91955.8 -5600.0	2831	11.0	92824.6 -5625.6	2921	9.6	93733.0 -5657.0	3011	10.3	94857.8 -5600.2
2742	9.7	91959.8 -5606.7	2832	10.8	92826.0 -5630.6	2922	9.1	93733.8 -5628.4	3012	9.7	94902.2 -5650.9
2743	9.0	92001.1 -5641.2	2833	10.8	92827.1 -5651.1	2923	10.8	93758.8 -5634.0	3013	9.1	94903.7 -5635.9
2744	9.7	92010.3 -5629.8	2834	10.8	92832.8 -5606.6	2924	10.3	93759.7 -5657.0	3014	10.8	94909.6 -5653.9
2745	9.3	92018.2 -5647.2	2835	10.8	92836.8 -5654.1	2925	11.3	93800.7 -5608.4	3015	10.0	94912.9 -5623.2
2746	9.3	92036.4 -5629.7	2836	9.2	92837.2 -5635.1	2926	9.4	93801.9 -5648.0	3016	9.9	94915.8 -5602.2
2747	11.0	92044.6 -5627.7	2837	9.7	92845.7 -5605.6	2927	10.8	93811.7 -5636.0	3017	10.0	94921.6 -5614.2
2748	9.1	92044.6 -5630.9	2838	7.5	92847.2 -5658.1	2928	9.4	93854.1 -5601.4	3018	10.0	94932.5 -5615.2
2749	10.3	92056.5 -5634.3	2839	10.0	92853.7 -5612.6	2929	11.0	93914.7 -5606.4	3019	10.3	94939.0 -5612.2
2750	10.8	92108.6 -5602.7	2840	10.5	92854.6 -5614.6	2930	9.6	93918.4 -5615.4	3020	10.5	94946.1 -5630.2
2751	10.3	92110.2 -5614.7	2841	7.7	92857.8 -5632.4	2931	9.7	93928.0 -5620.4	3021	10.0	94957.2 -5627.2
2752	10.5	92116.7 -5629.3	2842	9.8	92907.9 -5602.6	2932	11.0	93928.6 -5641.0	3022	9.9	95009.3 -5629.2
2753	9.3	92125.3 -5606.7	2843	9.6	92916.8 -5630.8	2933	9.6	93929.9 -5653.0	3023	10.8	95009.9 -5654.9
2754	10.5	92128.2 -5643.1	2844	9.6	92919.3 -5636.1	2934	7.7	93932.5 -5623.4	3024	10.3	95021.0 -5610.2
2755	10.5	92140.7 -5646.1	2845	10.8	92920.1 -5646.1	2935	9.0	94001.6 -5617.4	3025	9.3	95029.0 -5600.2
2756	11.0	92141.3 -5613.3	2846	9.5	92922.6 -5622.6	2936	10.0	94014.6 -5648.0	3026	9.1	95030.8 -5634.8
2757	8.3	92146.3 -5649.1	2847	10.0	92926.6 -5642.1	2937	9.7	94020.7 -5653.0	3027	11.0	95032.1 -5638.8
2758	10.3	92153.7 -5647.4	2848	9.5	92939.5 -5654.1	2938	11.0	94020.7 -5606.4	3028	10.3	95043.6 -5638.8
2759	10.3	92159.2 -5622.7	2849	10.3	92943.6 -5642.1	2939	10.0	94026.1 -5621.4	3029	8.4	95047.0 -5630.0
2760	9.7	92202.2 -5614.4	2850	9.9	92944.5 -5651.1	2940	11.5	94044.0 -5601.4	3030	6.9	95058.5 -5646.8
2761	10.0	92212.6 -5654.1	2851	11.5	92949.1 -5618.6	2941	11.5	94054.5 -5622.4	3031	10.0	95102.6 -5627.2
2762	10.8	92217.3 -5635.1	2852	9.8	92950.7 -5604.6	2942	7.7	94055.6 -5659.9	3032	10.5	95105.8 -5610.2
2763	10.8	92217.3 -5637.1	2853	8.5	92953.2 -5637.1	2943	11.3	94104.1 -5608.4	3033	9.9	95112.1 -5606.2
2764	8.4	92218.2 -5643.1	2854	9.1	93004.6 -5617.6	2944	9.8	94106.3 -5638.9	3034	10.3	95119.1 -5611.2
2765	9.9	92225.8 -5630.4	2855	9.6	93010.1 -5642.1	2945	11.0	94118.5 -5620.4	3035	8.6	95120.4 -5650.8
2766	9.6	92232.4 -5607.5	2856	10.3	93031.1 -5619.5	2946	10.8	94131.6 -5611.4	3036	11.0	95121.3 -5631.2
2767	9.6	92246.2 -5627.9	2857	8.7	93032.0 -5616.5	2947	8.7	94138.1 -5609.4	3037	8.5	95122.6 -5621.2
2768	10.0	92248.1 -5652.1	2858	10.8	93037.8 -5631.0	2948	6.9	94140.8 -5635.9	3038	10.5	95137.9 -5609.2
2769	9.7	92249.7 -5622.2	2859	9.6	93041.6 -5604.5	2949	10.8	94143.0 -5646.9	3039	10.0	95141.0 -5607.2
2770	11.0	92251.8 -5609.7	2860	10.8	93049.3 -5633.0	2950	8.4	94143.9 -5626.4	3040	11.0	95149.0 -5639.8
2771	10.0	92252.2 -5620.5	2861	9.9	93101.4 -5630.8	2951	10.0	94144.3 -5637.9	3041	11.0	95150.1 -5628.2
2772	9.6	92259.4 -5616.7	2862	10.8	93113.1 -5641.0	2952	10.8	94159.0 -5615.4	3042	9.0	95152.9 -5656.8
2773	10.0	92304.4 -5623.9	2863	9.7	93118.0 -5626.5	2953	9.2	94159.0 -5624.4	3043	9.5	95155.4 -5630.5
2774	10.3	92314.7 -5630.0	2864	10.8	93122.6 -5644.0	2954	9.0	94202.5 -5635.9	3044	10.0	95156.7 -5607.2
2775	10.8	92320.1 -5656.1	2865	10.0	93154.2 -5607.5	2955	10.3	94204.3 -5628.5	3045	9.1	95202.0 -5653.8
2776	9.2	92323.3 -5624.2	2866	9.9	93156.8 -5612.5	2956	9.7	94216.8 -5645.9	3046	11.3	95210.8 -5614.2
2777	10.0	92325.8 -5609.7	2867	9.9	93157.3 -5643.0	2957	11.3	94218.1 -5610.3	3047	10.8	95224.9 -5658.8
2778	9.1	92328.2 -5620.7	2868	11.0	93159.8 -5637.0	2958	10.5	94239.4 -5654.9	3048	10.3	95240.2 -5635.8
2779	9.9	92328.8 -5610.4	2869	10.0	93202.7 -5631.8	2959	9.8	94239.9 -5656.9	3049	10.3	95259.1 -5641.8
2780	10.8	92332.6 -5651.1	2870	10.5	93205.0 -5655.0	2960	10.8	94258.0 -5640.9	3050	10.3	95300.0 -5612.9
2781	10.3	92345.2 -5631.4	2871	9.6	93220.1 -5609.5	2961	10.3	94302.0 -5639.9	3051	9.3	95303.5 -5657.8
2782	10.5	92346.6 -5656.1	2872	9.6	93223.2 -5601.5	2962	11.0	94307.2 -5632.9	3052	10.5	95306.1 -5617.2
2783	10.3	92348.7 -5648.1	2873	10.3	93231.6 -5648.1	2963	11.0	94309.3 -5608.3	3053	10.5	95307.1 -5619.2
2784	10.8	92348.7 -5617.2	2874	9.7	93234.1 -5640.0	2964	8.4	94309.8 -5645.9	3054	10.8	95324.0 -5630.5
2785	10.8	92350.0 -5659.1	2875	9.9	93239.5 -5626.5	2965	11.0	94317.4 -5658.9	3055	7.8	95324.2 -5617.2
2786	10.8	92350.0 -5626.9	2876	10.5	93240.3 -5631.0	2966	7.8	94320.1 -5610.3	3056	10.5	95328.6 -5621.2
2787	8.8	92352.5 -5627.7	2877	9.7	93242.4 -5609.5	2967	10.8	94324.1 -5636.9	3057	9.7	95334.1 -5642.8
2788	9.3	92354.6 -5626.7	2878	10.0	93251.4 -5631.5	2968	10.3	94334.8 -5632.1	3058	9.8	95335.0 -5627.2
2789	10.5	92356.7 -5640.1	2879	8.5	93253.5 -5634.0	2969	10.5	94346.5 -5615.3	3059	10.0	95337.5 -5649.8
2790	10.5	92406.9 -5631.1	2880	10.0	93302.8 -5631.8	2970	10.3	94349.4 -5624.3	3060	9.9	95337.7 -5615.2
2791	8.0	92412.0 -5647.1	2881	10.5	93303.6 -5646.0	2971	9.6	94359.1 -5652.9	3061	8.5	95339.7 -5647.8
2792	9.8	92414.2 -5627.6	2882	10.5	93304.7 -5657.0	2972	10.5	94406.0 -5620.3	3062	9.7	95351.5 -5618.2
2793	9.3	92414.9 -5628.4	2883	9.7	93310.8 -5651.0	2973	10.8	94409.4 -5625.3	3063	10.5	95355.1 -5615.2
2794	9.3	92430.1 -5653.1	2884	9.8	93319.8 -5631.2	2974	9.7	94410.9 -5622.3	3064	10.3	95359.8 -5633.8
2795	9.5	92431.6 -5615.6	2885	9.7	93339.7 -5609.5	2975	8.3	94437.4 -5629.6	3065	9.4	95407.5 -5653.8
2796	9.5	92434.7 -5624.6	2886	10.5	93403.1 -5641.0	2976	10.0	94445.9 -5615.3	3066	10.3	95413.6 -5648.8
2797	10.0	92437.9 -5634.1	2887	8.3	93408.1 -5618.5	2977	10.8	94446.1 -5607.3	3067	9.3	95429.5 -5626.1
2798	9.9	92445.8 -5608.6	2888	8.3	93410.3 -5623.5	2978	9.8	94502.9 -5623.3	3068	8.6	95430.1 -5605.1
2799	10.0	92452.3 -5636.1	2889	9.9	93411.4 -5630.2	2979	10.5	94508.9 -5649.9	3069	9.8	95431.7 -5658.8
2800	10.5	92510.5 -5602.6	2890	10.3	93412.9 -5601.5	2980	9.7	94515.0 -5616.3	3070	10.8	95452.1 -5601.1
2801	10.5	92516.0 -5602.6	2891	8.8	93417.9 -5638.0	2981	9.5	94520.3 -5659.9	3071	9.4	95504.9 -5650.8
2802	11.0	92520.2 -5644.1	2892	10.8	93423.3 -5602.5	2982	10.8	94526.4 -5657.9	3072	10.3	95506.1 -5639.8
2803	11.0	92525.7 -5619.6	2893	7.5	93433.8 -5657.0	2983	10.5	94530.1 -5605.3	3073	9.8	95513.2 -5621.1
2804	9.3	92534.7 -5653.1	2894	10.5	93436.2 -5608.5	2984	10.5	94536.6 -5656.9	3074	9.5	95517.2 -5633.0
2805	10.0	92543.8 -5621.6	2895	9.3	93447.3 -5614.5	2985	10.5	94555.9 -5652.9	3075	9.2	95518.8 -5630.0
2806	9.5	92544.6 -5620.6	2896	9.2	93451.7 -5618.5	2986	8.9	94555.9 -5626.3	3076	9.4	95520.7 -5614.1
2807	9.6	92559.8 -5610.6	2897	8.8	93458.6 -5618.5	2987	10.5	94556.6 -5610.3	3077	9.5	95525.2 -5633.8
2808	9.9	92614.3 -5600.6	2898	9.5	93505.5 -5621.5	2988	10.5	94601.0 -5614.3	3078	9.6	95531.5 -5655.8
2809	9.5	92616.8 -5641.1	2899	10.5	93518.9 -5602.5	2989	8.7	94612.2 -5656.9	3079	9.9	95546.4 -5622.1
2810	7.9	92617.5 -5657.2	2900	10.5	93519.1 -5640.0	2990	11.0	94624.9 -5649.9	3080	9.9	95552.9 -5632.1
2811	9.1	92618.8 -5645.1	2901	8.9	93531.0 -5657.0	2991	11.0	94626.6 -5604.3	3081	10.5	95553.2 -5611.1
2812	10.5	92631.2 -5613.6	2902	9.9	93543.2 -5659.0	2992	10.3	94626.6 -5606.3	3082	10.5	95558.0 -5658.8
2813	9.1	92635.7 -5610.6	2903	10.8	93544.1 -5642.0	2993	10.8	94629.0 -5644.9	3083	9.3	95601.1 -5628.8
2814	9.6	92638.0 -5650.2	2904	10.5	93546.4 -5629.5	2994	10.8	94650.6 -5636.9	3084	10.5	95604.1 -5659.8
2815	9.7	92643.8 -5635.1	2905	9.0	93552.5 -5644.0	2995	10.5	94700.0 -5640.9	3085	10.5	95613.0 -5614.1
2816	9.4	92654.9 -5639.8	2906	10.0	93557.8 -5642.0	2996	10.3	94705.0 -5639.9	3086	10.0	95613.0 -5651.8
2817	9.1	92659.2 -5648.1	2907	10.0	93622.1 -5617.4	2997	9.9	94713.9 -5649.9	3087	10.5	95613.6 -5643.8
2818	10.0	92700.7 -5611.6	2908	10.5	93625.4 -5622.4	2998	10.5	94719.0 -5648.9	3088	10.5	95615.0 -5650.8
2819	10.5	92701.6 -5652.1	2909	9.4	93626.9 -5612.4	2999	10.5	94729.8 -5655.9	3089	9.5	95619.2 -5607.1
2820	9.3	92707.4 -5626.6	2910	10.3	93630.1 -5649.0	3000	9.4	94735.1 -5626.3	3090	7.3	95619.3 -5620.1

3091	9.9	95622.2	-5632.0	3181	10.0	100456.9	-5612.0	3271	10.5	101319.9	-5624.8
3092	10.8	95623.1	-5645.8	3182	10.0	100459.6	-5629.0	3272	10.8	101323.6	-5635.8
3093	10.5	95623.4	-5603.1	3183	8.7	100503.8	-5654.7	3273	10.5	101330.0	-5634.4
3094	10.5	95639.9	-5608.1	3184	9.9	100512.3	-5645.7	3274	9.7	101337.8	-5626.8
3095	9.6	95648.4	-5630.0	3185	8.6	100514.5	-5602.0	3275	9.6	101340.4	-5616.8
3096	9.6	95654.4	-5621.1	3186	8.1	100523.8	-5603.0	3276	9.4	101341.9	-5600.5
3097	10.8	95656.3	-5633.8	3187	8.2	100524.3	-5608.0	3277	10.5	101343.3	-5655.2
3098	8.5	95657.0	-5603.1	3188	10.5	100532.5	-5630.7	3278	8.6	101346.7	-5648.8
3099	10.8	95703.7	-5636.8	3189	10.3	100538.8	-5640.7	3279	9.8	101352.7	-5601.8
3100	10.5	95703.7	-5638.8	3190	10.5	100544.3	-5642.7	3280	9.5	101356.8	-5625.8
3101	11.0	95707.5	-5653.8	3191	9.3	100547.1	-5622.0	3281	10.3	101406.4	-5634.8
3102	9.4	95711.5	-5634.8	3192	10.5	100548.3	-5639.7	3282	10.0	101407.4	-5617.8
3103	9.9	95712.1	-5607.1	3193	9.4	100551.3	-5641.7	3283	9.6	101427.5	-5632.8
3104	10.5	95714.3	-5633.8	3194	9.6	100557.4	-5609.0	3284	9.2	101433.3	-5600.8
3105	9.9	95731.0	-5618.1	3195	10.5	100602.9	-5605.0	3285	10.0	101444.3	-5624.8
3106	10.3	95740.8	-5631.4	3196	9.0	100603.0	-5655.7	3286	9.6	101450.6	-5633.6
3107	7.1	95744.0	-5644.8	3197	10.5	100603.3	-5637.7	3287	9.1	101503.1	-5646.8
3108	10.3	95748.7	-5615.1	3198	10.3	100604.8	-5639.9	3288	9.4	101503.1	-5629.8
3109	9.4	95758.2	-5617.1	3199	8.6	100611.6	-5640.7	3289	10.0	101503.3	-5617.8
3110	10.8	95812.1	-5647.8	3200	10.3	100613.6	-5631.4	3290	9.6	101503.4	-5607.8
3111	10.5	95818.0	-5605.1	3201	9.9	100613.7	-5649.7	3291	8.8	101519.4	-5625.8
3112	9.7	95823.5	-5655.8	3202	9.1	100614.9	-5619.9	3292	8.1	101520.7	-5652.8
3113	10.0	95826.9	-5615.1	3203	8.5	100618.5	-5611.9	3293	10.3	101523.4	-5606.8
3114	10.8	95851.7	-5636.8	3204	10.8	100619.9	-5654.7	3294	9.9	101530.9	-5611.8
3115	10.5	95854.2	-5638.8	3205	9.7	100623.1	-5655.7	3295	10.8	101532.8	-5659.8
3116	9.5	95854.8	-5616.1	3206	10.5	100624.6	-5648.7	3296	9.6	101536.2	-5624.8
3117	10.5	95855.6	-5646.8	3207	9.7	100626.8	-5650.7	3297	9.6	101546.0	-5644.8
3118	11.0	95857.7	-5659.8	3208	10.3	100628.8	-5610.9	3298	8.3	101557.9	-5608.8
3119	9.3	95904.8	-5635.8	3209	10.0	100634.8	-5632.7	3299	8.1	101602.4	-5632.8
3120	9.6	95913.7	-5604.1	3210	10.3	100642.2	-5645.7	3300	10.0	101625.0	-5600.8
3121	9.0	95919.3	-5656.8	3211	10.0	100644.6	-5646.7	3301	9.1	101641.6	-5626.8
3122	10.5	95922.1	-5617.1	3212	10.0	100646.7	-5616.9	3302	9.6	101717.6	-5652.7
3123	10.3	95934.6	-5604.1	3213	10.3	100703.7	-5616.9	3303	9.5	101720.4	-5643.7
3124	9.8	95941.0	-5619.1	3214	10.5	100717.0	-5631.3	3304	10.3	101721.1	-5626.8
3125	10.0	95950.0	-5621.1	3215	10.3	100718.2	-5614.9	3305	10.0	101726.7	-5613.8
3126	9.3	95953.1	-5627.1	3216	10.3	100724.8	-5636.7	3306	10.3	101732.2	-5612.8
3127	9.2	95954.1	-5644.8	3217	9.7	100739.6	-5618.9	3307	9.8	101734.4	-5645.4
3128	10.5	95955.8	-5631.0	3218	10.0	100750.1	-5626.9	3308	10.0	101737.6	-5654.4
3129	10.3	100001.0	-5617.1	3219	11.0	100803.4	-5630.7	3309	9.9	101737.6	-5653.7
3130	10.3	100001.1	-5602.1	3220	9.9	100804.7	-5640.7	3310	9.4	101742.9	-5643.7
3131	10.3	100016.2	-5656.8	3221	10.3	100812.1	-5658.7	3311	9.7	101744.0	-5647.7
3132	10.8	100017.4	-5655.8	3222	10.5	100824.7	-5646.7	3312	10.8	101758.7	-5619.8
3133	10.5	100023.6	-5635.8	3223	11.0	100826.8	-5638.7	3313	9.7	101802.0	-5648.7
3134	10.8	100032.5	-5646.7	3224	11.0	100830.2	-5640.7	3314	10.5	101804.2	-5659.7
3135	7.3	100041.0	-5617.0	3225	10.8	100834.8	-5606.9	3315	9.9	101816.1	-5626.8
3136	10.0	100052.9	-5624.0	3226	9.7	100838.1	-5649.7	3316	9.3	101830.2	-5609.7
3137	10.5	100059.9	-5650.7	3227	10.5	100840.2	-5618.9	3317	9.3	101831.7	-5607.7
3138	9.7	100100.1	-5607.0	3228	10.8	100840.8	-5602.9	3318	10.0	101832.6	-5655.1
3139	10.5	100104.4	-5649.7	3229	10.3	100845.8	-5658.7	3319	10.5	101844.7	-5657.2
3140	9.8	100111.2	-5633.7	3230	11.0	100851.2	-5639.7	3320	9.8	101904.1	-5626.7
3141	10.0	100113.5	-5616.0	3231	9.1	100852.0	-5651.7	3321	10.3	101906.1	-5650.7
3142	10.3	100129.7	-5632.4	3232	10.3	100854.8	-5634.7	3322	9.1	101910.5	-5611.7
3143	9.0	100132.3	-5605.0	3233	10.5	100855.3	-5605.9	3323	10.3	101918.8	-5658.6
3144	10.5	100142.3	-5631.0	3234	10.5	100914.4	-5653.7	3324	8.4	101920.0	-5649.7
3145	9.9	100146.4	-5627.0	3235	10.5	100921.7	-5656.7	3325	9.0	101921.9	-5626.7
3146	9.5	100147.7	-5617.0	3236	11.0	100923.1	-5641.7	3326	10.5	101927.9	-5633.7
3147	9.5	100151.9	-5641.7	3237	10.3	100930.0	-5626.9	3327	10.0	101937.3	-5611.7
3148	10.0	100201.8	-5625.0	3238	9.8	100932.8	-5628.8	3328	9.7	101940.7	-5656.7
3149	10.3	100208.5	-5617.0	3239	10.5	100940.7	-5632.7	3329	9.6	101947.8	-5610.7
3150	10.3	100224.1	-5602.0	3240	10.0	100948.3	-5634.7	3330	10.0	101948.4	-5641.7
3151	10.5	100225.0	-5634.7	3241	10.3	100949.1	-5615.9	3331	10.0	101953.7	-5618.7
3152	9.1	100226.8	-5646.7	3242	10.3	100953.3	-5634.7	3332	10.3	101955.2	-5655.7
3153	10.0	100227.7	-5603.0	3243	10.0	100955.1	-5614.9	3333	10.3	101956.2	-5619.7
3154	9.3	100231.0	-5623.0	3244	10.5	100958.9	-5658.7	3334	10.0	101959.1	-5622.7
3155	10.5	100231.8	-5650.7	3245	9.0	100959.6	-5630.9	3335	9.8	102000.6	-5606.7
3156	10.0	100243.1	-5609.0	3246	10.8	101006.1	-5641.7	3336	9.7	102008.2	-5603.7
3157	9.3	100243.2	-5635.7	3247	11.0	101009.2	-5604.9	3337	10.0	102018.0	-5635.2
3158	10.3	100252.2	-5630.4	3248	8.8	101017.0	-5619.9	3338	9.8	102022.1	-5604.7
3159	8.7	100253.9	-5628.0	3249	9.7	101022.7	-5610.9	3339	8.4	102022.1	-5626.7
3160	10.0	100259.1	-5626.0	3250	9.4	101030.4	-5602.9	3340	9.3	102027.7	-5642.7
3161	9.6	100300.3	-5658.7	3251	9.8	101033.5	-5650.7	3341	8.0	102030.9	-5625.7
3162	9.7	100303.5	-5611.0	3252	10.5	101039.6	-5639.6	3342	9.2	102037.0	-5614.7
3163	10.0	100305.5	-5626.0	3253	10.5	101053.1	-5645.6	3343	9.3	102045.0	-5656.3
3164	8.7	100311.7	-5655.7	3254	10.3	101053.2	-5637.6	3344	9.9	102048.0	-5649.7
3165	10.8	100315.4	-5635.7	3255	9.1	101057.0	-5645.6	3345	10.0	102050.9	-5651.4
3166	11.3	100318.0	-5628.8	3256	9.2	101058.8	-5630.8	3346	9.7	102116.0	-5642.6
3167	10.5	100323.9	-5600.0	3257	10.8	101102.0	-5650.6	3347	10.5	102123.8	-5656.5
3168	9.7	100336.9	-5612.0	3258	10.3	101115.2	-5600.9	3348	10.5	102126.9	-5638.5
3169	10.0	100342.8	-5619.0	3259	8.3	101124.5	-5645.6	3349	9.7	102128.0	-5604.7
3170	9.7	100345.2	-5625.0	3260	9.9	101129.6	-5658.8	3350	10.0	102129.3	-5634.5
3171	10.3	100348.7	-5650.7	3261	10.0	101149.1	-5618.9	3351	9.6	102131.4	-5609.7
3172	10.8	100350.6	-5630.0	3262	10.0	101201.0	-5617.9	3352	8.6	102141.5	-5641.5
3173	8.8	100358.8	-5640.7	3263	10.3	101215.6	-5636.8	3353	9.0	102144.6	-5628.7
3174	10.5	100422.3	-5643.7	3264	10.3	101217.8	-5648.8	3354	9.6	102152.3	-5606.7
3175	10.8	100427.4	-5638.7	3265	10.3	101220.6	-5607.8	3355	10.5	102200.0	-5640.5
3176	9.9	100427.6	-5601.0	3266	9.7	101222.0	-5634.8	3356	9.8	102204.3	-5614.7
3177	10.5	100431.0	-5629.8	3267	9.4	101254.0	-5626.8	3357	7.5	102216.8	-5657.8
3178	10.5	100438.7	-5627.0	3268	10.5	101304.0	-5618.8	3358	10.3	102225.0	-5650.5
3179	10.5	100438.8	-5646.7	3269	10.5	101312.3	-5657.8	3359	9.1	102228.6	-5633.5
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3368	9.4	102313.8	-5654.8								
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3388	9.4	102440.9	-5658.5								
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3392	9.6	102502.6	-5633.5								
3393	10.0	102510.0	-5626.6								
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3435	8.9	102940.3	-5642.3								
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3437	10.0	103003.3	-5637.3								
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3451	9.0	103115.2	-5605.0	3541	9.7	103958.7	-5631.5	3631	10.5	104813.1	-5637.8
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3461	9.8	103237.2	-5649.0	3551	9.5	104050.7	-5629.0	3641	9.2	104914.2	-5658.7
3462	9.7	103253.8	-5652.3	3552	9.6	104101.6	-5612.6	3642	10.0	104916.4	-5626.9
3463	10.0	103254.9	-5612.2	3553	9.0	104103.7	-5619.0	3643	10.0	104934.9	-5650.7
3464	9.0	103310.4	-5610.5	3554	9.3	104104.4	-5606.2	3644	9.6	104936.6	-5636.7
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3468	10.5	103317.8	-5653.3	3558	9.7	104116.8	-5610.4	3648	9.8	104959.8	-5611.6
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3470	8.7	103322.7	-5648.8	3560	9.7	104125.0	-5630.0	3650	10.0	105003.3	-5659.7
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3477	8.6	103345.4	-5658.7	3567	10.0	104207.7	-5644.4	3657	8.7	105112.1	-5610.4
3478	10.0	103354.4	-5625.6	3568	10.3	104210.2	-5643.6	3658	7.5	105113.9	-5652.7
3479	9.4	103401.9	-5610.4	3569	7.5	104217.1	-5639.4	3659	10.0	105125.6	-5608.0
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3481	8.7	103406.8	-5656.4	3571	10.0	104222.4	-5651.9	3661	9.0	105141.6	-5612.0
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3485	10.5	103453.2	-5633.5	3575	9.4	104238.9	-5649.9	3665	10.3	105201.5	-5658.7
3486	10.3	103500.7	-5637.2	3576	10.0	104240.0	-5617.0	3666	10.8	105204.5	-5657.7
3487	9.6	103508.0	-5654.2	3577	9.8	104240.0	-5630.2	3667	9.7	105208.4	-5650.7
3488	10.0	103509.9	-5614.9	3578	9.0	104248.2	-5650.1	3668	9.7	105217.0	-5620.0
3489	10.5	103530.4	-5659.2	3579	9.7	104255.9	-5652.9	3669	10.0	105225.0	-5605.8
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3491	10.5	103534.0	-5658.2	3581	10.5	104307.0	-5658.2	3671	10.0	105229.0	-5608.2
3492	9.3	103534.0	-5603.2	3582	9.5	104310.8	-5646.9	3672	10.3	105229.1	-5638.6
3493	10.0	103536.0	-5621.5	3583	9.8	104312.2	-5636.2	3673	9.5	105242.0	-5618.4
3494	8.7	103539.0	-5631.8	3584	10.0	104320.0	-5604.8	3674	10.3	105307.4	-5603.7
3495	10.5	103553.5	-5654.2	3585	10.0	104320.8	-5649.4	3675	9.0	105309.2	-5641.9
3496	10.5	103556.1	-5655.2	3586	9.7	104330.2	-5620.8	3676	10.0	105311.0	-5618.2
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3498	10.0	103607.7	-5614.6	3588	10.0	104343.0	-5624.2	3678	9.1	105224.3	-5648.6
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3501	10.0	103614.2	-5608.0	3591	10.5	104350.3	-5612.1	3681	10.5	105340.4	-5617.9
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3503	9.8	103625.1	-5619.6	3593	10.0	104353.1	-5656.4	3683	9.5	105344.8	-5635.0
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3506	9.4	103642.1	-5651.2	3596	10.0	104428.4	-5605.2	3686	9.7	105356.0	-5606.1
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3512	10.3	103715.3	-5637.8	3602	9.9	104445.3	-5648.9	3692	9.8	105424.8	-5649.0
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3519	7.5	103744.1	-5613.5	3609	10.3	104530.0	-5654.6	3699	7.7	105501.9	-5653.6
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3771	8.3	110335.1	-5644.3								
3772	9.9	110336.0	-5639.3								
3773	10.8	110340.6	-5659.3								
3774	10.5	110349.6	-5610.6								
3775	9.6	110353.6	-5609.6								
3776	10.3	110419.9	-5603.6								
3777	9.6	110427.8	-5632.4								
3778	9.8	110431.4	-5635.2								
3779	10.0	110431.5	-5639.2								
3780	9.4	110435.8	-5656.2								
3781	10.5	110438.2	-5651.2								
3782	10.0	110449.8	-5625.6								
3783	10.0	110452.2	-5614.6								
3784	9.4	110510.8	-5630.4								
3785	10.3	110515.1	-5641.2								
3786	10.5	110522.4	-5635.2								
3787	10.0	110526.5	-5638.0								
3788	10.3	110526.8	-5631.8								
3789	10.0	110528.7	-5617.6								
3790	10.0	110529.0	-5640.6								
3791	10.5	110531.1	-5607.6								
3792	9.9	110536.8	-5632.1								
3793	10.5	110542.4	-5635.8								
3794	10.0	110550.9	-5658.1								
3795	9.6	110554.1	-5643.4								
3796	9.9	110556.0	-5638.1								
3797	10.5	110559.1	-5612.6								
3798	9.8	110603.7	-5652.1								
3799	9.6	110605.3	-5606.6								
3800	9.8	110615.6	-5645.1								
3801	10.0	110620.4	-5635.1								
3802	8.5	110636.3	-5629.4								
3803	10.0	110639.8	-5656.1								
3804	9.8	110641.3	-5627.8								
3805	10.5	110642.6	-5604.6								
3806	10.0	110702.8	-5626.6								
3807	9.6	110709.5	-5639.1								
3808	11.0	110714.6	-5610.6								
3809	8.0	110715.3	-5615.6								
3810	10.0	110715.3	-5658.1								

3811	9.6	110725.1	-5645.1	3901	10.3	111725.6	-5627.6	3991	10.0	112609.6	-5647.8	4081	9.3	113548.0	-5653.0
3812	8.5	110731.9	-5620.6	3902	6.5	111728.0	-5606.6	3992	10.0	112610.0	-5623.7	4082	9.0	113552.2	-5658.0
3813	10.0	110745.9	-5619.6	3903	11.0	111747.0	-5652.1	3993	10.0	112614.7	-5601.7	4083	10.5	113606.0	-5643.0
3814	10.0	110747.6	-5605.6	3904	11.0	111748.1	-5652.6	3994	10.3	112629.7	-5600.7	4084	10.0	113609.0	-5640.7
3815	9.8	110754.4	-5633.0	3905	9.7	111748.4	-5643.6	3995	9.5	112630.6	-5644.8	4085	10.0	113609.8	-5610.7
3816	8.0	110801.4	-5622.6	3906	10.0	111752.4	-5607.6	3996	10.5	112638.4	-5613.7	4086	10.0	113616.4	-5617.7
3817	8.8	110804.0	-5636.2	3907	10.3	111753.4	-5609.6	3997	9.0	112650.5	-5649.6	4087	10.0	113616.8	-5603.7
3818	9.6	110806.1	-5634.8	3908	10.0	111753.4	-5659.6	3998	10.3	112655.4	-5633.7	4088	7.5	113617.0	-5652.5
3819	9.2	110814.2	-5623.6	3909	10.3	111756.5	-5614.6	3999	10.0	112659.6	-5645.6	4089	10.0	113623.0	-5640.4
3820	10.0	110819.4	-5608.6	3910	8.7	111805.2	-5600.6	4000	9.4	112700.0	-5659.0	4090	10.3	113626.6	-5602.7
3821	9.5	110819.4	-5634.0	3911	10.5	111814.3	-5640.6	4001	9.6	112703.2	-5603.7	4091	9.7	113636.0	-5654.4
3822	10.3	110821.1	-5606.6	3912	10.5	111817.6	-5655.6	4002	10.3	112707.4	-5605.7	4092	9.8	113638.1	-5631.6
3823	11.0	110829.1	-5604.6	3913	8.6	111818.4	-5658.6	4003	10.3	112722.6	-5636.6	4093	9.8	113645.3	-5605.7
3824	10.0	110850.3	-5654.0	3914	9.7	111824.1	-5605.6	4004	9.6	112724.5	-5606.7	4094	10.0	113647.0	-5611.4
3825	9.2	110912.8	-5630.4	3915	8.7	111826.5	-5622.6	4005	9.5	112725.0	-5650.6	4095	10.0	113648.0	-5636.4
3826	9.8	110919.3	-5655.4	3916	9.9	111842.4	-5612.6	4006	10.3	112741.6	-5625.7	4096	10.0	113649.0	-5653.4
3827	9.5	110921.2	-5650.0	3917	10.0	111843.7	-5632.6	4007	9.8	112743.0	-5635.4	4097	9.3	113713.2	-5657.4
3828	11.0	110925.6	-5605.6	3918	9.1	111902.2	-5608.6	4008	10.3	112745.4	-5611.7	4098	9.7	113716.5	-5625.7
3829	10.3	110928.6	-5606.6	3919	10.5	111902.4	-5651.2	4009	8.2	112749.0	-5657.3	4099	9.0	113725.1	-5629.7
3830	9.9	110938.4	-5637.4	3920	9.9	111907.6	-5627.6	4010	9.7	112750.9	-5612.7	4100	8.5	113733.8	-5604.7
3831	10.0	110939.3	-5625.6	3921	11.0	111908.0	-5637.6	4011	10.3	112755.0	-5655.3	4101	9.6	113734.4	-5658.7
3832	9.6	111002.7	-5650.9	3922	8.4	111920.6	-5606.6	4012	9.6	112823.0	-5650.3	4102	11.0	113741.4	-5642.2
3833	8.6	111004.9	-5658.6	3923	10.5	111923.0	-5653.4	4013	9.6	112823.0	-5659.3	4103	10.0	113749.8	-5613.7
3834	7.0	111010.5	-5640.9	3924	9.8	111924.4	-5610.6	4014	8.1	112829.2	-5656.2	4104	10.3	113751.9	-5617.7
3835	10.0	111015.6	-5604.6	3925	10.5	111928.5	-5651.5	4015	9.7	112829.5	-5646.2	4105	9.5	113754.5	-5628.7
3836	9.6	111036.0	-5635.0	3926	10.0	111929.2	-5659.4	4016	7.7	112846.1	-5628.7	4106	10.3	113755.4	-5617.7
3837	11.0	111038.2	-5623.6	3927	10.0	111930.5	-5653.5	4017	9.8	112847.0	-5645.2	4107	10.3	113759.0	-5645.2
3838	9.8	111041.2	-5621.6	3928	9.2	111931.9	-5608.6	4018	9.8	112851.6	-5643.0	4108	10.0	113802.0	-5636.2
3839	10.8	111045.9	-5636.9	3929	10.3	111935.4	-5608.6	4019	10.0	112901.5	-5618.7	4109	10.3	113822.8	-5613.7
3840	9.9	111106.1	-5642.3	3930	11.0	111938.5	-5643.1	4020	9.9	112903.6	-5655.4	4110	9.9	113827.3	-5633.4
3841	9.0	111109.8	-5654.9	3931	10.0	111939.5	-5653.3	4021	10.0	112905.0	-5645.0	4111	10.0	113831.3	-5609.7
3842	9.6	111110.2	-5600.6	3932	10.5	111939.9	-5613.6	4022	10.0	112909.9	-5608.7	4112	10.3	113834.9	-5620.7
3843	10.5	111113.6	-5646.9	3933	10.0	111954.5	-5637.0	4023	10.0	112911.0	-5651.6	4113	9.8	113838.0	-5624.7
3844	10.5	111117.4	-5629.6	3934	9.7	112021.2	-5633.0	4024	9.7	112911.0	-5644.0	4114	10.0	113838.0	-5631.2
3845	8.8	111130.6	-5646.9	3935	9.9	112027.4	-5605.6	4025	10.3	112932.0	-5656.0	4115	9.3	113856.1	-5630.4
3846	10.3	111131.1	-5611.6	3936	11.0	112036.5	-5657.2	4026	10.0	112941.5	-5606.7	4116	9.8	113903.5	-5628.7
3847	10.5	111136.7	-5615.6	3937	9.8	112037.5	-5617.6	4027	10.0	112959.2	-5634.4	4117	9.8	113916.0	-5653.2
3848	9.5	111138.8	-5653.9	3938	10.8	112038.5	-5618.6	4028	9.8	113006.2	-5624.7	4118	9.8	113919.3	-5606.7
3849	11.0	111139.9	-5652.9	3939	10.0	112043.2	-5648.2	4029	10.0	113019.5	-5604.7	4119	9.7	113931.8	-5610.7
3850	9.5	111153.7	-5620.6	3940	9.5	112052.7	-5628.6	4030	9.6	113021.0	-5647.9	4120	10.0	113935.4	-5621.7
3851	10.5	111200.3	-5631.8	3941	10.0	112105.2	-5641.0	4031	9.9	113023.0	-5647.9	4121	9.5	113944.9	-5619.7
3852	9.7	111200.7	-5617.6	3942	8.4	112115.0	-5620.6	4032	10.3	113027.7	-5628.7	4122	10.0	113953.4	-5641.8
3853	10.3	111202.6	-5608.6	3943	9.8	112116.2	-5630.6	4033	9.4	113030.0	-5609.9	4123	9.8	113958.5	-5625.7
3854	10.5	111202.6	-5641.5	3944	9.8	112126.6	-5638.2	4034	10.0	113042.1	-5619.7	4124	8.5	113959.0	-5640.0
3855	10.5	111204.5	-5654.8	3945	9.8	112131.1	-5620.6	4035	10.3	113046.0	-5625.7	4125	9.8	114002.0	-5645.0
3856	10.5	111218.6	-5656.8	3946	10.5	112202.8	-5643.2	4036	10.3	113052.0	-5658.9	4126	10.0	114025.0	-5646.0
3857	9.8	111219.1	-5612.6	3947	9.8	112204.1	-5626.6	4037	8.5	113054.6	-5659.2	4127	10.3	114028.0	-5635.0
3858	10.3	111225.2	-5600.6	3948	8.3	112226.5	-5648.6	4038	10.3	113110.6	-5656.0	4128	10.3	114033.0	-5647.0
3859	10.3	111234.8	-5631.8	3949	9.6	112226.9	-5605.6	4039	9.8	113111.1	-5620.7	4129	10.3	114039.8	-5606.7
3860	10.0	111238.8	-5628.7	3950	10.5	112243.7	-5600.6	4040	10.3	113115.6	-5636.0	4130	10.8	114041.7	-5620.7
3861	10.5	111241.8	-5629.7	3951	9.8	112248.8	-5610.6	4041	8.9	113117.5	-5605.7	4131	9.7	114047.1	-5631.7
3862	9.8	111243.9	-5600.6	3952	10.3	112304.1	-5634.4	4042	10.0	113128.0	-5654.0	4132	10.0	114056.0	-5653.6
3863	10.3	111243.9	-5658.8	3953	9.6	112316.1	-5653.8	4043	9.7	113131.5	-5613.7	4133	9.7	114056.4	-5657.0
3864	10.5	111318.2	-5612.6	3954	10.5	112318.0	-5629.6	4044	10.0	113149.0	-5645.0	4134	10.3	114110.8	-5601.7
3865	10.8	111319.7	-5651.8	3955	9.9	112318.9	-5605.6	4045	10.5	113153.3	-5608.7	4135	10.0	114128.0	-5632.2
3866	10.3	111328.3	-5627.2	3956	10.3	112320.6	-5641.0	4046	9.5	113157.1	-5616.7	4136	9.8	114128.0	-5643.0
3867	9.8	111341.8	-5628.2	3957	9.3	112321.2	-5608.6	4047	10.0	113200.5	-5611.7	4137	11.0	114132.0	-5653.0
3868	11.0	111344.0	-5631.8	3958	10.5	112321.2	-5648.2	4048	9.9	113203.8	-5659.0	4138	9.8	114133.0	-5649.2
3869	8.6	111348.0	-5617.6	3959	10.5	112327.8	-5659.8	4049	8.9	113209.5	-5628.7	4139	9.7	114137.0	-5647.0
3870	9.3	111351.0	-5632.2	3960	10.8	112328.1	-5643.5	4050	8.6	113216.9	-5622.7	4140	10.0	114152.0	-5654.0
3871	9.8	111406.3	-5628.2	3961	9.9	112337.5	-5623.6	4051	9.8	113217.6	-5638.0	4141	10.3	114153.4	-5615.8
3872	10.5	111412.6	-5644.8	3962	9.5	112339.1	-5628.6	4052	10.5	113234.5	-5600.7	4142	10.5	114157.6	-5600.8
3873	10.5	111428.6	-5632.4	3963	9.9	112340.9	-5613.6	4053	10.0	113240.2	-5647.2	4143	9.5	114159.0	-5644.0
3874	10.3	111439.3	-5623.6	3964	9.8	112343.2	-5608.6	4054	9.5	113244.8	-5636.0	4144	10.5	114201.4	-5618.8
3875	10.5	111442.2	-5603.6	3965	10.3	112351.9	-5604.6	4055	9.7	113249.8	-5648.0	4145	9.5	114223.9	-5618.8
3876	10.8	111443.1	-5657.7	3966	8.5	112354.5	-5610.6	4056	9.3	113252.3	-5621.7	4146	9.2	114234.0	-5648.8
3877	9.6	111448.6	-5608.6	3967	10.0	112404.1	-5640.4	4057	8.7	113308.3	-5620.7	4147	10.0	114246.0	-5634.8
3878	8.2	111448.9	-5616.6	3968	9.9	112408.9	-5613.6	4058	9.3	113319.9	-5630.7	4148	7.0	114305.0	-5659.6
3879	10.0	111500.0	-5620.6	3969	9.7	112410.1	-5628.6	4059	10.3	113332.0	-5640.7	4149	9.2	114307.7	-5608.8
3880	10.0	111509.0	-5620.6	3970	10.0	112412.1	-5653.4	4060	9.0	113338.0	-5634.7	4150	9.8	114312.0	-5627.8
3881	10.0	111513.5	-5650.7	3971	10.5	112413.2	-5630.6	4061	10.5	113342.0	-5645.7	4151	9.9	114317.8	-5609.8
3882	10.0	111514.6	-5628.2	3972	9.8	112415.2	-5603.6	4062	10.3	113342.2	-5617.7	4152	9.6	114324.2	-5607.8
3883	9.5	111518.3	-5618.6	3973	10.5	112435.1	-5658.4	4063	10.0	113355.2	-5616.7	4153	10.0	114328.8	-5634.4
3884	9.6	111525.2	-5629.6	3974	10.5	112447.7	-5602.7	4064	9.8	113355.9	-5632.7	4154	9.7	114332.0	-5648.6
3885	10.8	111530.8	-5634.4	3975	10.0	112451.0	-5618.7	4065	10.3	113359.8	-5642.4	4155	10.0	114340.0	-5648.6
3886	10.5	111559.9	-5610.6	3976	10.0	112452.0	-5633.6	4066	10.3	113404.8	-5624.7	4156	9.0	114350.0	-5650.6
3887	9.0	111601.9	-5642.7	3977	9.0	112452.6	-5625.7	4067	10.3	113409.7	-5623.7	4157	7.8	114354.5	-5620.8
3888	10.8	111613.8	-5639.7	3978	9.8	112452.6	-5653.5	4068	10.3	113426.1	-5610.7	4158	9.8	114356.0	-5646.6
3889	10.5	111617.1	-5627.9	3979	9.5	112453.0	-5623.7	4069	10.3	113427.9	-5601.7	4159	9.2	114356.6	-5608.8
3890	10.3	111618.5	-5618.6	3980	8.7	112455.1	-5626.7	4070	8.8	113440.2	-5659.7	4160	9.8	114359.0	-5637.0
3891	10.5	111621.1	-5654.3	3981	9.8	112456.7	-5656.5	4071	10.5	113449.5	-5636.2	4161	10.3	114400.0	-5644.6
3892	10.5	111625.2	-5636.7	3982	10.0	112501.6	-5641.6	4072	10.0	113500.4	-5603.7	4162	8.6	114408.0	-5629.8
3893	10.0	111626.1	-5618.6	3983	8.6	112506.4	-5612.7	4073	8.5	113509.0	-5654.6	4163	10.0	114432.0	-5633.0
3894	10.3	111650.3	-5640.7	3984	9.9	112506.4	-5632.7	4074	10.0	113513.5	-5628.7	4164	10.3	114433.6	-5608.8
3895	8.3	111652.2	-5606.6	3985	9.5	112519.1	-5628.7	4075	10.0	113515.0	-5647.6	4165	9.9	114435.0	-5640.6
3896	11.0	111657.5	-5621.6	3986	9.2	112520.4	-5633.7	4076	10.0	113520.5	-5616.7	4166	10.5	114440.1	-5629.8
3897	9.5	111659.6	-5600.6	3987	10.0	112531.1	-5654.0	4077	10.3	113522.0	-5608.7	4167	10.5	114450.4	-5642.8
3898	8.1	111712.1	-5656.7	3988	10.0	112558.1	-5628.7	4078	9.2	113525.0	-5601.7	4168	9.8	114457.0	-5638.2
3899	10.0	111712.9	-5610.6	3989	10.5	112603.5	-5630.8	4079	11.0	113540.0	-5640.0	4169	9.6	114459.8	-5634.4
3900	9.6	111713.5	-5650.7	3990	9.9	112608.4	-5607.7	4080	10.0	113541.8	-5608.7	4170	10.8	114516.9	-5620.8

4171	10.5	114517.0	-5652.7	4261	10.5	115538.5	-5635.9	4351	10.5	120630.5	-5617.2
4172	9.7	114533.0	-5655.7	4262	9.5	115543.8	-5611.8	4352	10.0	120639.0	-5638.9
4173	10.0	114541.0	-5647.0	4263	11.0	115546.0	-5638.9	4353	8.6	120647.7	-5612.2
4174	10.0	114542.9	-5621.8	4264	10.8	115551.5	-5634.9	4354	9.5	120652.5	-5638.9
4175	10.5	114543.0	-5642.7	4265	9.6	115604.1	-5630.8	4355	9.6	120659.9	-5604.2
4176	9.6	114558.5	-5626.8	4266	10.3	115611.3	-5654.9	4356	9.7	120708.3	-5652.9
4177	6.6	114600.2	-5618.8	4267	10.0	115637.1	-5631.9	4357	10.5	120717.8	-5628.6
4178	10.8	114610.8	-5608.8	4268	7.5	115637.7	-5633.8	4358	10.5	120744.8	-5604.2
4179	9.3	114615.1	-5632.4	4269	10.8	115646.8	-5646.9	4359	9.2	120747.2	-5611.2
4180	10.3	114630.0	-5650.0	4270	10.5	115701.0	-5659.9	4360	9.5	120752.9	-5629.2
4181	10.3	114638.3	-5608.8	4271	10.5	115707.3	-5622.8	4361	10.5	120800.3	-5652.9
4182	10.5	114643.3	-5600.8	4272	8.5	115714.3	-5653.9	4362	8.1	120809.9	-5604.2
4183	10.0	114644.8	-5612.8	4273	9.5	115721.8	-5643.9	4363	10.8	120812.4	-5603.2
4184	9.6	114647.6	-5620.8	4274	10.5	115727.3	-5623.8	4364	11.0	120839.1	-5619.2
4185	8.5	114655.3	-5601.8	4275	10.5	115729.5	-5633.4	4365	10.5	120844.1	-5620.2
4186	9.5	114700.0	-5657.0	4276	10.3	115730.0	-5632.8	4366	10.3	120845.6	-5655.9
4187	10.0	114712.8	-5600.8	4277	10.5	115733.2	-5604.8	4367	10.8	120856.7	-5610.2
4188	10.5	114727.1	-5618.8	4278	10.8	115735.6	-5643.9	4368	10.0	120905.0	-5645.9
4189	10.0	114731.1	-5632.4	4279	8.0	115750.7	-5639.9	4369	10.0	120909.6	-5637.9
4190	9.8	114738.5	-5627.8	4280	10.3	115752.3	-5619.8	4370	10.0	120912.1	-5636.9
4191	9.6	114744.2	-5609.8	4281	9.8	115755.8	-5616.8	4371	10.5	120913.1	-5624.2
4192	9.8	114753.4	-5621.8	4282	10.5	115757.9	-5628.8	4372	10.3	120923.6	-5634.0
4193	7.5	114758.0	-5643.0	4283	10.3	115804.2	-5607.8	4373	10.0	120925.4	-5650.9
4194	10.5	114806.0	-5627.8	4284	9.8	115805.4	-5630.4	4374	9.8	120931.7	-5613.2
4195	7.6	114812.7	-5616.8	4285	8.9	115811.1	-5657.9	4375	10.3	120937.6	-5618.2
4196	10.3	114813.0	-5646.0	4286	8.9	115817.9	-5630.4	4376	11.0	120940.6	-5606.2
4197	10.3	114832.0	-5645.0	4287	9.8	115835.8	-5648.9	4377	10.8	120948.6	-5619.2
4198	9.5	114838.3	-5610.8	4288	10.0	115839.0	-5629.8	4378	10.0	120949.1	-5642.9
4199	10.5	114840.0	-5643.0	4289	10.5	115909.1	-5610.8	4379	9.9	120959.9	-5653.9
4200	9.8	114844.0	-5641.0	4290	9.7	115910.8	-5627.8	4380	9.9	121003.2	-5642.9
4201	10.0	114852.0	-5632.0	4291	10.3	115944.8	-5641.9	4381	9.8	121009.2	-5634.6
4202	10.0	114859.0	-5636.0	4292	10.3	115946.8	-5620.9	4382	9.4	121021.7	-5608.2
4203	9.5	114903.8	-5613.8	4293	10.5	115950.6	-5613.9	4383	9.5	121029.5	-5659.9
4204	9.5	114908.0	-5639.0	4294	10.5	115950.6	-5611.9	4384	10.0	121032.5	-5647.9
4205	10.5	114908.3	-5605.8	4295	9.7	120012.6	-5650.9	4385	9.5	121039.0	-5647.9
4206	9.8	1149 0.6	-5603.8	4296	10.5	120014.8	-5626.9	4386	9.0	121040.0	-5626.2
4207	9.4	114914.0	-5654.0	4297	9.6	120023.4	-5611.9	4387	9.7	121056.6	-5638.9
4208	10.3	114918.8	-5624.8	4298	9.3	120027.1	-5635.9	4388	10.8	121107.6	-5621.2
4209	10.0	114925.0	-5652.0	4299	10.3	120027.5	-5631.9	4389	10.3	121112.1	-5637.9
4210	9.8	114925.1	-5603.8	4300	9.7	120037.2	-5629.9	4390	10.5	121132.5	-5614.2
4211	9.6	114926.0	-5625.8	4301	10.0	120039.1	-5645.9	4391	8.7	121132.8	-5632.0
4212	10.0	114928.5	-5627.8	4302	10.3	120040.3	-5616.9	4392	11.0	121140.7	-5658.9
4213	10.3	114933.0	-5658.0	4303	10.5	120045.0	-5603.9	4393	10.3	121145.7	-5613.2
4214	9.6	114934.1	-5632.4	4304	8.5	120050.4	-5651.9	4394	10.3	121148.9	-5631.2
4215	9.6	114939.6	-5603.8	4305	10.5	120105.8	-5618.9	4395	10.5	121153.3	-5651.4
4216	9.7	114944.0	-5641.0	4306	9.8	120119.5	-5625.9	4396	10.0	121156.9	-5649.9
4217	10.3	115005.8	-5613.8	4307	10.5	120121.3	-5614.9	4397	10.0	121200.2	-5607.2
4218	9.6	115010.0	-5626.8	4308	9.3	120156.6	-5633.4	4398	11.0	121202.8	-5622.2
4219	9.5	115014.0	-5625.8	4309	10.3	120202.9	-5658.9	4399	9.5	121202.9	-5651.9
4220	9.8	115021.0	-5640.0	4310	9.7	120220.8	-5642.9	4400	10.3	121210.9	-5604.2
4221	9.6	115022.3	-5613.8	4311	10.3	120225.2	-5613.9	4401	9.5	121216.8	-5655.9
4222	10.3	115043.0	-5654.0	4312	10.3	120225.7	-5651.9	4402	9.6	121217.0	-5645.9
4223	10.0	115043.0	-5648.0	4313	10.5	120227.9	-5610.9	4403	11.0	121220.9	-5608.2
4224	10.0	115048.6	-5603.8	4314	10.8	120229.1	-5605.9	4404	10.8	121228.6	-5636.9
4225	10.0	115050.3	-5606.8	4315	10.3	120233.9	-5658.9	4405	10.8	121230.1	-5618.2
4226	10.0	115101.0	-5627.8	4316	10.0	120237.4	-5628.9	4406	8.9	121235.5	-5617.2
4227	9.8	115102.0	-5640.0	4317	9.6	120249.8	-5654.9	4407	10.8	121239.3	-5632.9
4228	9.7	115111.0	-5641.0	4318	10.5	120253.2	-5608.9	4408	9.8	121250.9	-5656.9
4229	10.3	115122.4	-5616.8	4319	9.8	120253.2	-5612.9	4409	10.0	121255.5	-5636.9
4230	10.0	115123.7	-5615.8	4320	10.0	120254.7	-5650.9	4410	9.8	121301.1	-5657.9
4231	10.5	115132.4	-5620.8	4321	10.5	120301.8	-5648.9	4411	10.8	121302.3	-5621.9
4232	7.8	115142.1	-5610.8	4322	10.0	120303.4	-5628.9	4412	10.5	121316.5	-5648.9
4233	10.0	115148.0	-5656.0	4323	10.0	120305.4	-5635.9	4413	8.0	121324.2	-5601.2
4234	10.0	115205.3	-5609.8	4324	10.3	120318.4	-5634.9	4414	11.0	121330.2	-5611.2
4235	10.0	115211.0	-5647.0	4325	9.4	120326.3	-5619.9	4415	9.0	121339.8	-5604.5
4236	9.4	115219.1	-5635.4	4326	9.7	120326.4	-5628.9	4416	10.8	121341.7	-5607.2
4237	9.7	115221.0	-5632.0	4327	10.3	120328.9	-5635.9	4417	8.6	121350.3	-5600.2
4238	9.8	115240.0	-5653.6	4328	9.7	120331.1	-5612.9	4418	10.3	121403.7	-5610.2
4239	10.5	115241.8	-5612.8	4329	9.3	120338.3	-5617.9	4419	9.3	121405.1	-5616.2
4240	7.2	115304.9	-5628.8	4330	10.8	120344.3	-5658.9	4420	10.8	121409.0	-5631.2
4241	9.6	115311.0	-5625.8	4331	9.5	120350.8	-5615.9	4421	10.3	121412.5	-5643.9
4242	9.8	115313.8	-5606.8	4332	10.3	120353.2	-5656.9	4422	10.5	121416.9	-5601.2
4243	10.3	115326.0	-5655.0	4333	9.8	120355.8	-5618.9	4423	10.5	121426.2	-5658.9
4244	10.3	115331.0	-5652.0	4334	8.7	120412.9	-5600.2	4424	8.1	121427.6	-5605.2
4245	9.8	115348.3	-5607.8	4335	9.8	120422.9	-5636.9	4425	10.5	121428.4	-5632.9
4246	9.1	115350.0	-5626.8	4336	9.0	120424.7	-5600.2	4426	8.5	121429.1	-5635.9
4247	9.5	115353.0	-5659.8	4337	9.7	120430.6	-5613.2	4427	10.3	121439.6	-5619.2
4248	9.0	115354.0	-5646.0	4338	11.0	120441.6	-5613.2	4428	8.7	121440.9	-5651.9
4249	9.7	115413.3	-5613.8	4339	10.0	120452.6	-5633.9	4429	9.4	121441.6	-5607.2
4250	8.4	115417.4	-5654.9	4340	8.8	120456.0	-5605.2	4430	10.0	121451.0	-5629.2
4251	9.7	115423.1	-5602.8	4341	9.5	120500.4	-5656.9	4431	8.9	121509.6	-5636.9
4252	9.8	115424.4	-5616.8	4342	9.6	120514.5	-5616.2	4432	8.5	121511.5	-5622.2
4253	10.0	115426.9	-5618.8	4343	10.3	120519.1	-5632.9	4433	9.6	121520.8	-5634.0
4254	10.0	115437.3	-5651.9	4344	9.4	120521.2	-5623.2	4434	9.1	121528.7	-5611.2
4255	10.0	115444.3	-5610.8	4345	9.9	120523.5	-5618.2	4435	9.6	121532.1	-5621.2
4256	6.6	115508.1	-5647.9	4346	10.3	120550.8	-5651.9	4436	10.8	121532.3	-5607.2
4257	10.0	115510.8	-5613.8	4347	9.3	120551.9	-5641.9	4437	10.5	121554.5	-5647.9
4258	9.7	115511.3	-5653.9	4348	9.7	120617.1	-5607.2	4438	9.0	121555.7	-5614.2
4259	9.6	115517.4	-5648.9	4349	10.0	120625.0	-5648.9	4439	5.5	121604.1	-5658.9
4260	9.3	115525.9	-5623.8	4350	9.2	120629.8	-5629.0	4440	10.0	121605.2	-5606.2
4441	9.6	121616.3	-5615.2								
4442	10.5	121638.0	-5643.9								
4443	9.4	121641.6	-5604.2								
4444	9.2	121656.0	-5643.9								
4445	11.0	121701.2	-5627.2								
4446	9.6	121706.9	-5651.9								
4447	9.6	121717.8	-5644.9								
4448	9.6	121721.6	-5637.9								
4449	9.7	121726.7	-5644.9								
4450	10.0	121728.3	-5647.9								
4451	10.8	121749.7	-5609.2								
4452	10.3	121754.0	-5631.5								
4453	10.8	121802.7	-5616.2								
4454	9.4	121826.2	-5657.9								
4455	10.3	121832.6	-5624.2								
4456	10.3	121836.0	-5628.2								
4457	10.5	121842.6	-5618.2								
4458	8.0	121851.1	-5637.9								
4459	10.5	121853.3	-5632.6								
4460	9.4	121859.6	-5630.6								
4461	10.8	121859.7	-5612.2								
4462	9.6	121912.4	-5604.2								
4463	10.3	121916.9	-5603.2								
4464	9.2	121923.9	-5651.9								
4465	10.5	121928.6	-5617.2								
4466	10.0	121929.6	-5635.9								
4467	10.3	121933.1	-5622.2								
4468	10.3	121934.4	-5603.2								
4469	9.9	121939.0	-5643.9								
4470	9.7	121943.8	-5645.9								
4471	10.0	121944.1	-5635.9								
4472	9.9	122001.5	-5645.9								
4473	9.2	122003.4	-5653.9								
4474	9.5	122013.0	-5648.9								
4475	10.3	122024.9	-5658.9								
4476	9.6	122024.9	-5655.9								
4477	10.5	122025.4	-5632.2								
4478	10.5	122048.0	-5648.9								
4479	10.5	122113.5	-5651.9								
4480	10.3	122113.7	-5609.2								
4481	9.0	122141.6	-5621.2								
4482	10.0	122148.8	-5642.9								
4483	9.7	122151.0	-5644.9								
4484	10.0	122159.9	-5601.2								
4485	10.0	122207.5	-5601.2								
4486	11.5	122218.8	-5640.9								
4487	10.3	122222.1	-5630.0								
4488	9.8	122222.3	-5634.0								
4489	8.5	122224.8	-5619.2								
4490	10.5	122239.3	-5641.8								
4491	10.0	122240.9	-5653.8								
4492	9.7	122244.5	-5642.8								
4493	10.5	122317.0	-5641.8								
4494	9.3	122342.6	-5621.2								
4495	9.1	122343.9	-5653.8								
4496	9.6	122346.9	-5650.8								
4497	9.4	122350.5	-5641.8								
4498	9.5	122351.7	-5610.3								
4499	10.5	122403.2	-5614.3								
4500	10.3	122403.6	-5658.8								
4501	10.3	122411.5	-5646.8								
4502	9.8	122411.7	-5601.3								
4503	10.5	122413.4	-5655.8								
4504	1.6	122414.3	-5625.3								
4505	7.7	122421.6	-5624.3								
4506	8.7	122428.0	-5617.3								
4507	9.2	122432.4	-5626.3								
4508	9.4	122454.4	-5655.8								
4509	7.5	122512.1	-5637.8								
4510	10.8	122515.7	-5606.3								
4511	9.0	122519.7	-5655.8								
4512	9.4	122523.9	-5658.8								
4513	9.8	122533.5	-5629.3								
4514	8.5	122534.9	-5637.8								
4515	9.2	122546.5	-5604.3								
4516	10.5	122553.6	-5656.8								
4517	8.2	122604.4	-5633.6								
4518	10.3	122609.1	-5619.3								
4519	10.3	122610.1	-5616.3								
4520	10.3	122617.8	-5604.0								
4521	10.3	122618.8	-5630.4								
4522	10.3	122621.0	-5627.3								
4523	10.3	122629.6	-5619.3								
4524	9.6	122634.1	-5638.8								
4525	9.3	122653.6	-5658.8								
4526	8.6	122704.3	-5650.8								
4527	10.0	122713.9	-5654.8								
4528	9.6	122716.1	-5617.3								
4529	10.5	122753.3	-5616.9								
4530	9.8	122754.1	-5637.8								

-56 4531 12h27m

-56 4890 13h10m

4531	9.3	122757.3	-5601.3	4621	10.3	123806.2	-5653.8	4711	9.5	125019.3	-5613.8	4801	9.3	130141.5	-5656.6
4532	9.8	122758.1	-5621.3	4622	8.2	123807.3	-5638.8	4712	10.0	125022.0	-5630.6	4802	10.3	130145.4	-5629.7
4533	9.8	122800.6	-5637.8	4623	9.5	123824.5	-5611.3	4713	10.3	125055.7	-5601.8	4803	10.3	130146.4	-5607.7
4534	10.5	122803.8	-5657.8	4624	10.8	123825.6	-5631.3	4714	11.5	125115.1	-5623.8	4804	10.5	130147.4	-5654.7
4535	10.8	122812.7	-5653.8	4625	10.3	123833.7	-5603.3	4715	9.1	125136.2	-5601.8	4805	10.5	130152.4	-5630.7
4536	10.5	122815.1	-5658.8	4626	8.7	123845.9	-5635.8	4716	10.5	125136.5	-5639.5	4806	9.7	130202.1	-5631.7
4537	10.5	122826.6	-5619.3	4627	10.8	123850.6	-5608.7	4717	10.8	125138.4	-5634.6	4807	8.6	130209.5	-5605.7
4538	10.5	122830.3	-5654.8	4628	10.0	123853.9	-5616.3	4718	11.0	125144.2	-5629.8	4808	10.0	130215.5	-5618.7
4539	10.0	122831.7	-5609.3	4629	8.4	123854.2	-5631.6	4719	9.0	125200.6	-5651.5	4809	9.8	130217.3	-5614.7
4540	10.5	122836.9	-5655.8	4630	9.7	123907.5	-5626.3	4720	10.8	125201.7	-5659.5	4810	10.3	130219.1	-5656.7
4541	10.3	122900.2	-5607.3	4631	9.8	123908.3	-5643.8	4721	10.8	125202.0	-5606.8	4811	10.3	130221.7	-5619.7
4542	9.7	122902.5	-5640.8	4632	9.3	123909.7	-5604.3	4722	9.4	125213.6	-5608.8	4812	10.0	130224.1	-5622.7
4543	9.0	122903.5	-5646.8	4633	9.6	123910.3	-5618.3	4723	7.5	125224.5	-5643.5	4813	10.3	130226.3	-5619.7
4544	10.5	122904.8	-5627.3	4634	9.7	123917.0	-5633.8	4724	10.0	125225.2	-5642.5	4814	9.3	130236.3	-5623.7
4545	10.0	122913.3	-5629.3	4635	10.0	123952.4	-5612.3	4725	8.6	125231.6	-5650.5	4815	9.9	130238.7	-5615.7
4546	11.0	122913.3	-5646.8	4636	10.8	123959.9	-5658.8	4726	10.5	125233.3	-5627.8	4816	9.0	130241.1	-5620.7
4547	9.2	122913.7	-5611.3	4637	10.0	124014.6	-5644.8	4727	9.6	125242.8	-5638.5	4817	9.1	130252.7	-5652.7
4548	10.8	122918.1	-5638.8	4638	9.8	124016.6	-5629.0	4728	9.6	125244.1	-5642.0	4818	10.5	130256.1	-5606.7
4549	9.4	122921.1	-5638.8	4639	8.6	124017.6	-5645.8	4729	10.8	125309.6	-5624.7	4819	9.0	130257.3	-5610.7
4550	9.0	122926.8	-5616.5	4640	9.8	124021.1	-5603.3	4730	10.0	125315.4	-5646.5	4820	10.5	130325.1	-5629.7
4551	9.8	122931.9	-5649.8	4641	10.3	124023.2	-5659.8	4731	10.5	125314.1	-5636.9	4821	9.2	130331.1	-5659.7
4552	10.0	122932.8	-5653.8	4642	8.6	124033.9	-5621.3	4732	11.5	125316.5	-5609.7	4822	11.0	130332.6	-5601.8
4553	9.5	122943.5	-5643.8	4643	9.6	124039.4	-5658.8	4733	11.3	125322.9	-5617.7	4823	10.5	130335.2	-5631.8
4554	10.8	122957.8	-5604.3	4644	9.4	124048.4	-5632.6	4734	11.0	125324.1	-5606.2	4824	7.0	130358.9	-5614.8
4555	9.7	123012.4	-5652.8	4645	9.6	124050.8	-5628.3	4735	9.7	125329.2	-5649.5	4825	10.3	130402.3	-5642.7
4556	8.1	123016.0	-5606.3	4646	9.7	124052.0	-5613.3	4736	8.8	125413.8	-5630.6	4826	8.4	130425.0	-5617.8
4557	9.4	123017.8	-5634.0	4647	10.8	124118.0	-5648.8	4737	9.3	125425.0	-5655.6	4827	8.4	130430.2	-5642.7
4558	9.6	123036.5	-5627.3	4648	10.0	124120.8	-5644.8	4738	11.0	125435.0	-5658.6	4828	10.5	130431.7	-5634.7
4559	10.5	123042.1	-5625.3	4649	10.3	124122.6	-5627.0	4739	9.8	125439.2	-5637.6	4829	9.0	130446.9	-5619.8
4560	9.5	123044.2	-5612.3	4650	10.0	124135.1	-5625.8	4740	8.9	125442.1	-5633.7	4830	9.3	130451.2	-5601.8
4561	8.0	123048.5	-5639.8	4651	9.7	124135.2	-5654.8	4741	9.3	125444.5	-5607.7	4831	10.0	130454.1	-5629.8
4562	10.5	123101.2	-5621.3	4652	9.7	124138.9	-5620.3	4742	9.1	125457.7	-5604.7	4832	9.5	130500.8	-5659.7
4563	10.0	123108.9	-5604.3	4653	8.6	124140.0	-5610.3	4743	10.5	125524.7	-5615.7	4833	9.8	130501.3	-5626.8
4564	10.0	123109.4	-5603.3	4654	9.8	124158.7	-5655.8	4744	9.3	125535.9	-5609.7	4834	9.5	130507.4	-5643.7
4565	9.8	123115.8	-5629.2	4655	9.7	124200.0	-5612.3	4745	9.9	125537.5	-5642.6	4835	9.2	130510.6	-5619.8
4566	10.3	123118.8	-5648.8	4656	8.9	124200.8	-5624.3	4746	10.8	125538.8	-5640.6	4836	9.3	130515.2	-5646.2
4567	10.0	123120.3	-5649.8	4657	10.3	124210.0	-5606.3	4747	11.0	125551.6	-5623.7	4837	9.8	130515.7	-5612.8
4568	10.3	123124.1	-5623.3	4658	9.6	124211.4	-5616.3	4748	10.0	125606.5	-5629.7	4838	10.8	130518.7	-5610.8
4569	10.3	123131.6	-5602.3	4659	10.0	124212.1	-5628.7	4749	10.5	125607.0	-5647.6	4839	10.5	130524.1	-5653.7
4570	10.3	123133.6	-5621.3	4660	9.8	124227.9	-5635.8	4750	10.8	125631.1	-5659.6	4840	10.5	130529.1	-5641.7
4571	10.5	123142.3	-5630.5	4661	10.3	124308.7	-5655.8	4751	9.3	125648.6	-5613.7	4841	9.2	130535.2	-5645.7
4572	10.8	123145.1	-5658.8	4662	10.3	124312.4	-5636.8	4752	10.0	125652.8	-5634.7	4842	9.7	130536.2	-5659.7
4573	10.3	123159.6	-5637.8	4663	9.6	124327.9	-5635.8	4753	9.7	125700.6	-5658.6	4843	11.0	130539.6	-5607.8
4574	9.3	123159.9	-5614.3	4664	10.3	124353.9	-5636.8	4754	10.3	125703.5	-5656.5	4844	9.5	130545.6	-5631.2
4575	8.4	123212.0	-5637.8	4665	9.8	124359.0	-5632.8	4755	10.5	125713.2	-5620.7	4845	9.1	130550.4	-5616.8
4576	11.0	123212.6	-5642.8	4666	9.6	124427.8	-5647.8	4756	10.5	125717.0	-5609.7	4846	9.0	130601.5	-5627.8
4577	10.8	123220.8	-5629.3	4667	11.0	124433.2	-5639.8	4757	9.6	125718.4	-5633.2	4847	9.5	130603.8	-5637.7
4578	9.5	123224.3	-5643.8	4668	10.0	124433.9	-5619.3	4758	10.3	125722.3	-5606.7	4848	9.5	130607.1	-5618.8
4579	10.0	123227.5	-5610.3	4669	9.3	124459.0	-5609.3	4759	8.2	125727.1	-5622.7	4849	9.0	130610.1	-5620.8
4580	9.7	123230.0	-5609.3	4670	9.0	124459.1	-5601.3	4760	10.0	125729.3	-5626.7	4850	10.5	130610.9	-5619.8
4581	9.9	123234.2	-5650.8	4671	9.3	124459.8	-5657.8	4761	10.0	125729.9	-5627.7	4851	11.0	130613.9	-5659.7
4582	10.5	123248.3	-5600.3	4672	9.6	124506.4	-5616.3	4762	9.8	125747.5	-5635.7	4852	11.0	130635.2	-5607.9
4583	10.0	123249.8	-5649.8	4673	9.3	124514.4	-5658.8	4763	9.1	125752.4	-5653.6	4853	9.3	130641.6	-5652.7
4584	9.4	123257.3	-5616.3	4674	11.0	124519.5	-5641.8	4764	9.6	125754.8	-5609.7	4854	10.5	130655.2	-5641.7
4585	10.5	123300.3	-5603.3	4675	10.5	124525.4	-5635.8	4765	10.3	125757.3	-5635.2	4855	8.9	130701.3	-5608.9
4586	10.3	123301.8	-5648.8	4676	9.8	124528.9	-5626.3	4766	9.4	125758.1	-5611.5	4856	10.5	130706.8	-5619.9
4587	9.8	123303.0	-5611.3	4677	9.8	124536.5	-5627.3	4767	8.8	125802.4	-5611.7	4857	10.8	130711.3	-5605.9
4588	10.3	123320.7	-5651.8	4678	8.7	124546.0	-5607.3	4768	9.4	125806.1	-5638.6	4858	9.6	130715.6	-5606.9
4589	9.4	123325.8	-5610.3	4679	10.0	124552.0	-5601.3	4769	9.7	125807.1	-5629.7	4859	9.7	130725.4	-5630.8
4590	7.9	123341.7	-5655.8	4680	9.7	124611.1	-5602.3	4770	11.0	125811.9	-5635.7	4860	10.3	130729.3	-5651.7
4591	9.9	123346.8	-5641.8	4681	10.3	124613.0	-5626.3	4771	9.7	125817.9	-5631.8	4861	9.1	130730.3	-5656.7
4592	10.5	123419.3	-5623.3	4682	8.2	124622.9	-5658.8	4772	8.4	125825.1	-5658.6	4862	10.5	130731.7	-5649.7
4593	9.5	123434.3	-5645.8	4683	10.3	124629.6	-5601.3	4773	10.0	125840.6	-5647.6	4863	7.8	130737.3	-5635.8
4594	10.3	123447.6	-5633.6	4684	9.7	124630.6	-5623.3	4774	10.5	125847.1	-5648.6	4864	10.0	130739.0	-5632.8
4595	10.5	123503.8	-5643.8	4685	8.7	124644.9	-5631.0	4775	9.0	125856.0	-5612.7	4865	11.0	130740.7	-5620.9
4596	10.5	123507.5	-5601.3	4686	9.1	124652.6	-5617.3	4776	8.5	125859.6	-5633.7	4866	9.7	130742.7	-5646.7
4597	9.8	123523.1	-5613.2	4687	9.0	124700.8	-5603.3	4777	9.8	125910.5	-5649.6	4867	8.6	130745.0	-5621.9
4598	11.0	123523.5	-5604.3	4688	4.2	124715.8	-5630.0	4778	9.8	125920.9	-5648.7	4868	9.5	130805.0	-5639.7
4599	10.3	123528.4	-5636.8	4689	5.0	124716.9	-5628.6	4779	10.8	125921.4	-5609.7	4869	11.0	130812.0	-5655.7
4600	10.3	123529.5	-5612.3	4690	9.6	124719.3	-5634.2	4780	8.8	125923.9	-5604.7	4870	9.0	130820.1	-5610.9
4601	9.0	123533.5	-5611.3	4691	11.0	124749.2	-5619.8	4781	8.6	125925.8	-5619.7	4871	7.6	130825.2	-5623.9
4602	10.8	123536.7	-5652.8	4692	9.7	124756.8	-5655.5	4782	11.0	125925.8	-5634.7	4872	10.5	130825.2	-5601.9
4603	10.8	123549.7	-5654.8	4693	9.7	124758.9	-5601.8	4783	10.5	125938.4	-5613.5	4873	9.9	130832.0	-5609.9
4604	10.8	123550.8	-5650.8	4694	10.5	124801.8	-5608.8	4784	11.0	125948.3	-5622.7	4874	9.0	130844.3	-5640.7
4605	10.0	123552.5	-5611.3	4695	9.6	124815.9	-5639.5	4785	9.5	125951.2	-5608.7	4875	10.5	130847.8	-5649.7
4606	10.5	123607.0	-5609.3	4696	9.7	124817.3	-5641.5	4786	9.7	125953.0	-5601.7	4876	10.8	130903.7	-5600.9
4607	10.3	123618.9	-5619.3	4697	8.9	124833.7	-5621.8	4787	10.5	125953.3	-5636.6	4877	9.5	130906.9	-5648.7
4608	10.5	123619.8	-5629.3	4698	9.4	124836.8	-5612.8	4788	10.5	130011.9	-5643.3	4878	9.2	130908.9	-5610.9
4609	10.5	123621.8	-5647.8	4699	5.6	124837.1	-5609.8	4789	7.5	130028.1	-5600.7	4879	10.8	130910.0	-5646.7
4610	10.3	123631.1	-5609.3	4700	10.0	124846.0	-5620.8	4790	9.7	130046.2	-5640.6	4880	8.8	130914.4	-5615.9
4611	10.5	123638.3	-5627.3	4701	9.2	124850.3	-5647.5	4791	9.9	130050.3	-5622.7	4881	10.8	130922.8	-5619.9
4612	10.5	123639.2	-5604.3	4702	10.0	124907.6	-5628.8	4792	8.9	130052.2	-5627.7	4882	10.8	130926.8	-5623.9
4613	9.3	123646.6	-5624.3	4703	10.0	124928.4	-5626.8	4793	9.8	130108.8	-5623.7	4883	11.0	130944.7	-5618.9
4614	10.8	123646.8	-5645.8	4704	9.4	124941.3	-5627.8	4794	11.0	130108.8	-5609.7	4884	9.7	130944.8	-5628.8
4615	10.8	123651.7	-5648.8	4705	10.0	124943.1	-5651.5	4795	9.8	130113.9	-5633.6	4885	10.8	130945.9	-5616.9
4616	9.0	123713.3	-5648.8	4706	11.3	124959.7	-5609.5	4796	10.8	130116.6	-5616.7	4886	10.5	130946.5	-5602.9
4617	7.0	123725.6	-5636.0	4707	10.5	125004.7	-5631.6	4797	10.0	130117.9	-5656.9	4887	9.7	130946.8	-5627.9
4618	10.0	123728.5	-5614.3	4708	8.5	125009.5	-5646.5	4798	11.0	130118.1	-5621.7	4888	10.8	130948.0	-5604.9
4619	10.8	123731.5	-5625.3	4709	10.3	125012.0	-5658.5	4799	10.0	130119.4	-5633.7	4889	8.3	130951.7	-5653.8
4620	9.1	123759.0	-5608.3	4710	10.0	125016.1	-5644.5	4800	9.5	130139.3	-5659.6	4890	10.0	131025.2	-5613.9

4891	10.5	131027.6	-5625.9	4981	9.4	132105.5	-5622.1	5071	10.0	133313.9	-5603.4
4892	10.0	131031.7	-5600.9	4982	9.4	132108.2	-5600.2	5072	10.0	133318.1	-5612.4
4893	7.3	131032.5	-5638.8	4983	9.6	132120.1	-5602.2	5073	10.0	133321.9	-5635.4
4894	9.6	131033.5	-5658.8	4984	7.6	132150.1	-5654.9	5074	9.5	133323.7	-5656.0
4895	9.5	131036.1	-5637.8	4985	10.3	132210.8	-5603.2	5075	10.0	133337.0	-5622.4
4896	9.6	131047.1	-5647.8	4986	8.7	132211.9	-5602.2	5076	10.0	133343.5	-5624.4
4897	9.7	131058.1	-5632.8	4987	10.3	132234.7	-5615.2	5077	10.3	133351.6	-5614.4
4898	9.8	131101.3	-5623.9	4988	9.7	132239.9	-5637.9	5078	9.2	133352.0	-5654.1
4899	10.3	131102.5	-5614.9	4989	10.3	132244.0	-5604.2	5079	9.6	133357.2	-5630.8
4900	9.6	131103.2	-5646.8	4990	10.3	132252.6	-5633.0	5080	10.3	133402.5	-5635.8
4901	10.5	131105.0	-5632.9	4991	10.3	132301.4	-5608.2	5081	10.5	133406.2	-5637.1
4902	10.8	131109.6	-5650.8	4992	9.8	132322.1	-5605.2	5082	9.4	133411.2	-5620.4
4903	10.0	131112.1	-5643.8	4993	10.5	132330.1	-5639.7	5083	8.3	133411.8	-5642.1
4904	10.0	131117.4	-5643.8	4994	9.3	132332.0	-5638.9	5084	8.8	133414.7	-5613.5
4905	10.5	131122.6	-5631.8	4995	10.5	132342.5	-5654.9	5085	9.5	133420.7	-5610.5
4906	10.8	131137.4	-5635.4	4996	10.5	132411.8	-5619.2	5086	10.8	133427.1	-5632.1
4907	9.8	131150.9	-5614.0	4997	10.5	132416.4	-5623.2	5087	10.3	133428.4	-5642.1
4908	9.7	131153.5	-5634.9	4998	10.5	132438.3	-5639.9	5088	10.0	133435.4	-5643.1
4909	11.0	131205.3	-5607.0	4999	10.5	132448.6	-5618.2	5089	10.8	133441.8	-5605.5
4910	8.9	131215.3	-5657.8	5000	10.3	132451.5	-5636.9	5090	10.0	133443.4	-5601.5
4911	10.0	131223.8	-5607.0	5001	10.3	132452.0	-5631.2	5091	6.5	133447.9	-5608.5
4912	10.0	131223.8	-5608.0	5002	10.3	132452.8	-5642.9	5092	10.0	133454.5	-5607.5
4913	9.4	131232.4	-5632.0	5003	10.5	132455.6	-5626.2	5093	10.5	133504.2	-5622.5
4914	10.0	131236.5	-5622.0	5004	10.3	132503.6	-5620.2	5094	9.9	133505.4	-5606.5
4915	9.7	131241.3	-5616.0	5005	10.3	132507.9	-5632.2	5095	9.8	133512.5	-5612.5
4916	9.2	131242.8	-5601.0	5006	10.0	132510.4	-5601.2	5096	9.7	133518.2	-5636.1
4917	9.3	131246.0	-5625.0	5007	10.5	132528.2	-5623.5	5097	10.8	133521.9	-5620.5
4918	9.8	131248.8	-5629.0	5008	9.8	132529.6	-5656.0	5098	7.8	133524.7	-5657.1
4919	10.3	131312.0	-5616.0	5009	10.3	132531.4	-5645.0	5099	10.5	133538.4	-5658.1
4920	11.0	131332.8	-5631.0	5010	10.3	132538.9	-5604.2	5100	10.5	133542.9	-5628.5
4921	9.9	131338.1	-5655.8	5011	9.4	132539.0	-5638.0	5101	10.8	133557.5	-5631.5
4922	9.4	131339.1	-5638.8	5012	10.0	132543.2	-5600.2	5102	10.8	133603.0	-5636.3
4923	9.4	131343.9	-5612.0	5013	10.0	132546.6	-5614.2	5103	9.7	133612.2	-5636.3
4924	11.0	131354.8	-5618.0	5014	10.5	132614.7	-5636.0	5104	11.0	133619.1	-5632.5
4925	10.5	131356.7	-5600.0	5015	10.8	132638.4	-5649.0	5105	10.3	133623.4	-5613.5
4926	9.5	131357.1	-5641.8	5016	9.9	132639.5	-5652.0	5106	8.8	133627.6	-5603.5
4927	10.5	131358.6	-5648.8	5017	10.3	132654.7	-5636.0	5107	9.7	133638.5	-5652.1
4928	10.8	131406.4	-5603.0	5018	10.5	132713.6	-5659.0	5108	10.5	133644.4	-5612.5
4929	10.5	131412.7	-5601.0	5019	10.5	132716.4	-5628.2	5109	10.5	133646.9	-5618.5
4930	10.5	131430.0	-5633.4	5020	7.6	132725.4	-5638.0	5110	9.7	133656.9	-5654.1
4931	10.3	131431.2	-5632.9	5021	10.5	132737.6	-5611.2	5111	9.7	133700.3	-5618.5
4932	10.5	131432.9	-5606.0	5022	10.5	132744.8	-5605.2	5112	9.7	133701.1	-5639.1
4933	9.0	131437.9	-5647.8	5023	10.0	132752.2	-5619.2	5113	10.5	133702.2	-5609.5
4934	9.8	131441.3	-5606.0	5024	10.8	132752.2	-5623.2	5114	10.0	133703.3	-5602.5
4935	10.8	131443.8	-5605.0	5025	9.2	132804.2	-5626.3	5115	10.3	133715.2	-5622.5
4936	9.6	131444.9	-5644.8	5026	10.0	132810.9	-5618.3	5116	8.6	133722.4	-5606.5
4937	10.5	131450.7	-5621.0	5027	8.9	132812.9	-5640.0	5117	10.0	133736.2	-5610.5
4938	10.5	131455.0	-5622.0	5028	9.2	132814.0	-5626.3	5118	10.3	133736.2	-5650.1
4939	9.7	131504.3	-5635.9	5029	9.6	132815.6	-5653.0	5119	10.3	133742.1	-5647.1
4940	10.0	131526.5	-5645.8	5030	10.3	132823.0	-5632.2	5120	10.5	133744.1	-5603.5
4941	10.5	131529.6	-5634.0	5031	10.0	132830.5	-5642.0	5121	10.5	133751.3	-5629.5
4942	9.2	131529.8	-5639.8	5032	10.3	132836.8	-5617.3	5122	10.0	133800.0	-5603.5
4943	10.5	131533.2	-5632.0	5033	10.8	132844.8	-5607.3	5123	10.8	133813.4	-5612.6
4944	9.1	131612.4	-5651.8	5034	9.7	132848.4	-5636.6	5124	8.8	133830.0	-5612.6
4945	9.6	131616.0	-5622.0	5035	9.6	132852.1	-5638.0	5125	10.3	133855.4	-5601.6
4946	10.8	131619.1	-5616.0	5036	9.4	132858.2	-5633.6	5126	8.6	133857.7	-5644.1
4947	10.8	131619.3	-5649.8	5037	9.1	132900.7	-5652.0	5127	9.9	133904.7	-5616.6
4948	10.5	131629.7	-5621.0	5038	10.5	132901.6	-5605.3	5128	10.5	133913.8	-5629.6
4949	9.8	131655.9	-5605.0	5039	10.5	132911.6	-5614.3	5129	10.0	133915.6	-5640.1
4950	10.0	131658.6	-5631.0	5040	10.8	132920.1	-5607.3	5130	10.3	133917.8	-5604.6
4951	10.3	131707.6	-5606.0	5041	10.5	132944.0	-5602.4	5131	9.6	133923.8	-5649.1
4952	10.5	131711.1	-5646.9	5042	9.4	132944.0	-5604.4	5132	10.5	133934.4	-5640.1
4953	10.5	131711.4	-5610.0	5043	10.5	132946.7	-5602.4	5133	10.5	133937.3	-5612.6
4954	10.8	131731.3	-5615.1	5044	9.4	132946.7	-5621.4	5134	8.4	133940.2	-5608.6
4955	9.7	131735.2	-5639.9	5045	10.8	132957.5	-5641.0	5135	10.3	133940.6	-5641.1
4956	9.7	131739.9	-5605.1	5046	9.6	133003.6	-5620.4	5136	10.8	134003.9	-5656.1
4957	10.5	131751.0	-5608.1	5047	8.7	133005.0	-5652.0	5137	9.7	134007.2	-5655.1
4958	9.4	131751.3	-5638.8	5048	10.0	133007.3	-5659.0	5138	10.5	134007.2	-5630.6
4959	9.5	131818.3	-5623.1	5049	10.8	133023.0	-5650.0	5139	9.8	134013.2	-5641.1
4960	10.5	131827.6	-5622.1	5050	8.6	133029.7	-5605.4	5140	9.8	134016.4	-5638.1
4961	10.0	131832.0	-5636.9	5051	9.5	133032.2	-5646.0	5141	10.0	134017.3	-5653.4
4962	10.5	131836.7	-5610.1	5052	10.5	133036.4	-5619.4	5142	9.0	134019.8	-5650.4
4963	9.8	131855.6	-5627.1	5053	6.7	133041.4	-5659.0	5143	9.7	134022.4	-5658.1
4964	9.2	131856.2	-5637.9	5054	8.7	133045.6	-5651.0	5144	8.5	134023.7	-5640.1
4965	10.3	131902.1	-5623.1	5055	9.5	133048.0	-5658.0	5145	10.0	134024.8	-5614.6
4966	10.5	131903.4	-5622.1	5056	9.7	133117.5	-5652.0	5146	9.4	134030.2	-5633.4
4967	9.6	131905.4	-5633.5	5057	8.6	133120.4	-5640.0	5147	9.8	134034.8	-5609.6
4968	9.5	131930.8	-5608.7	5058	10.5	133150.3	-5608.4	5148	9.9	134105.1	-5612.7
4969	9.6	131933.0	-5633.5	5059	10.3	133159.6	-5618.4	5149	10.0	134112.1	-5635.4
4970	9.1	131949.1	-5651.9	5060	10.5	133204.0	-5644.0	5150	9.9	134112.8	-5603.7
4971	10.0	131955.3	-5635.1	5061	8.7	133209.2	-5658.0	5151	9.5	134117.6	-5629.4
4972	10.3	131956.7	-5628.1	5062	10.5	133218.0	-5649.0	5152	9.7	134119.7	-5656.2
4973	7.5	132003.6	-5622.1	5063	10.5	133222.1	-5634.4	5153	10.0	134128.9	-5656.2
4974	10.3	132003.8	-5604.1	5064	9.7	133230.6	-5627.4	5154	9.7	134135.5	-5608.7
4975	9.4	132009.6	-5616.1	5065	8.7	133241.3	-5637.0	5155	8.3	134201.2	-5637.2
4976	10.0	132015.8	-5626.1	5066	10.0	133243.5	-5601.4	5156	10.0	134203.0	-5647.2
4977	10.0	132038.2	-5616.1	5067	10.8	133302.8	-5615.4	5157	10.8	134212.0	-5602.7
4978	9.1	132049.1	-5651.9	5068	10.3	133306.1	-5619.4	5158	7.8	134224.1	-5657.2
4979	9.3	132053.5	-5603.1	5069	10.5	133308.2	-5602.4	5159	9.7	134224.9	-5622.7
4980	9.4	132057.5	-5604.1	5070	8.8	133313.6	-5648.0	5160	9.4	134225.7	-5640.2
5161	8.0	134247.7	-5651.2								
5162	9.5	134252.6	-5644.2								
5163	10.0	134253.9	-5630.4								
5164	9.7	134258.0	-5612.7								
5165	9.6	134259.8	-5634.0								
5166	10.0	134308.0	-5641.3								
5167	9.9	134320.1	-5608.7								
5168	10.8	134320.7	-5600.7								
5169	7.9	134323.9	-5647.2								
5170	9.6	134334.4	-5642.2								
5171	8.3	134337.2	-5650.2								
5172	10.3	134341.0	-5655.3								
5173	10.0	134355.7	-5604.7								
5174	10.5	134358.5	-5633.7								
5175	9.5	134359.2	-5610.7								
5176	10.5	134409.6	-5610.7								
5177	9.7	134418.1	-5644.2								
5178	9.6	134420.0	-5622.7								
5179	10.0	134432.5	-5636.2								
5180	9.8	134434.6	-5610.7								
5181	10.5	134441.3	-5658.2								
5182	10.3	134447.6	-5650.2								
5183	10.5	134448.6	-5649.2								
5184	9.5	134451.4	-5600.7								
5185	10.3	134453.1	-5618.7								
5186	8.7	134454.9	-5604.7								
5187	10.5	134458.9	-5614.7								
5188	9.7	134503.7	-5636.2								
5189	9.7	134526.6	-5640.2								
5190	10.5	134535.5	-5628.8								
5191	10.8	134537.3	-5642.2								
5192	9.8	134550.2	-5628.8								
5193	10.5	134611.0	-5656.2								
5194	10.5	134615.2	-5621.8								
5195	9.2	134616.3	-5638.2								
5196	10.3	134616.5	-5600.8								
5197	10.0	134617.7	-5622.8								
5198	10.5	134620.3	-5638.2								
5199	10.3	134629.6	-5628.8								
5200	10.3	134629.6	-5659.2								
5201	10.0	134631.2	-5616.8								
5202	8.2	134643.6	-5607.8								
5203	9.8	134645.7	-5658.2								
5204	7.7	134656.7	-5634.0								
5205	10.8	134657.1	-5630.8								
5206	10.0	134657.1	-5603.8								
5207	10.0	134659.0	-5641.2								
5208	9.0	134701.2	-5644.2								
5209	10.5	134704.1	-5651.2								
5210	10.3	134727.7	-5653.2								
5211	10.3	134734.7	-5650.2								
5212	10.3	134748.8	-5602.8								
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5214	9.9	134821.8	-5630.5								
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5217	9.6	134852.7	-5600.8								
5218	9.8	134852.7	-5629.8								
5219	10.5	134859.4	-5616.8								
5220	10.5	134900.8	-5604.8								
5221	9.0	134921.5	-5636.5								
5222	10.5	134924.3	-5655.2								
5223	10.8	134929.7	-5601.8								
5224	10.5	134937.4	-5608.8								
5225	10.5	134945.8	-5609.8								
5226	10.0	134951.2	-5623.8								
5227	10.3	135000.8	-5654.2								
5228	8.7	135001.1	-5610.8								
5229	9.8	135012.8	-5602.8								
5230	11.0	135014.7	-5659.2								
5231	11.0	135014.9	-5648.2								
5232	10.5	135016.6	-5627.8								
5233	9.7	135031.1	-5624.8								
5234	9.8	135048.0	-5631.1								
5235	9.8	135057.2	-5613.9								
5236	9.7	135100.3	-5652.3								
5237	9.9	135105.0	-5641.3								
5238	9.4	135109.2	-5618.9								
5239	11.0	135111.2	-5601.9								
5240	11.5	135127.4	-5635.2								
5241	10.3	135132.9	-5624.9								
5242	11.0	135135.4	-5656.2								
5243	9.3	135137.5	-5640.3								
5244	9.3	135141.2	-5648.3								
5245	9.5	135149.4	-5638.3								
5246	9.6	135152.0	-5622.9								
5247	9.3	135159.1	-5657.3								
5248	10.0	135200.0	-5612.9								
5249	9.6	135200.2	-5655.3								
5250	11.0	135204.2	-5639.3								

-56 5251 13h52m

-56 5610 14h40m

5251	10.5	135211.6	-5600.9	5341	11.5	140146.0	-5611.1	5431	10.3	141648.8	-5656.6
5252	9.7	135212.4	-5651.3	5342	10.0	140154.0	-5608.1	5432	9.8	141654.5	-5643.6
5253	10.5	135219.2	-5639.3	5343	11.0	140209.9	-5603.1	5433	7.8	141701.2	-5620.7
5254	11.0	135222.9	-5655.3	5344	9.0	140244.4	-5613.6	5434	10.5	141705.0	-5640.6
5255	10.5	135235.1	-5659.3	5345	9.6	140245.6	-5631.0	5435	11.3	141706.4	-5607.7
5256	10.5	135235.4	-5635.6	5346	10.0	140245.9	-5616.1	5436	8.9	141711.1	-5617.7
5257	10.5	135236.2	-5613.9	5347	10.0	140249.1	-5644.3	5437	11.0	141717.1	-5611.7
5258	10.0	135248.3	-5629.9	5348	10.3	140251.4	-5637.2	5438	10.5	141729.6	-5656.6
5259	7.3	135249.0	-5637.3	5349	11.0	140255.4	-5615.4	5439	10.5	141740.8	-5638.6
5260	9.8	135252.7	-5632.6	5350	9.9	140258.0	-5635.7	5440	10.8	141742.6	-5625.8
5261	9.8	135254.7	-5612.9	5351	11.0	140315.4	-5623.4	5441	11.5	141752.9	-5623.8
5262	10.5	135307.3	-5657.3	5352	10.0	140323.5	-5604.1	5442	9.8	141800.0	-5642.6
5263	10.5	135316.9	-5659.3	5353	9.2	140337.0	-5605.4	5443	7.8	141807.0	-5643.6
5264	10.3	135329.1	-5626.9	5354	11.3	140350.4	-5628.4	5444	10.3	141810.2	-5632.6
5265	8.3	135343.5	-5622.9	5355	10.0	140354.6	-5658.3	5445	9.5	141828.7	-5613.8
5266	10.8	135350.4	-5650.3	5356	11.5	140355.4	-5606.4	5446	11.0	141830.6	-5620.8
5267	11.0	135353.4	-5643.1	5357	11.5	140356.8	-5616.4	5447	10.8	141838.3	-5615.8
5268	10.0	135403.3	-5655.3	5358	9.5	140414.9	-5636.9	5448	9.5	141859.3	-5625.8
5269	9.8	135404.6	-5635.6	5359	11.3	140420.0	-5606.4	5449	11.0	141904.0	-5609.8
5270	9.6	135407.5	-5613.9	5360	10.8	140421.6	-5603.4	5450	10.8	141908.6	-5623.8
5271	11.0	135413.9	-5648.3	5361	9.5	140423.4	-5618.4	5451	10.5	141956.8	-5642.7
5272	9.0	135416.6	-5659.3	5362	10.8	140429.4	-5609.4	5452	9.8	142004.1	-5645.7
5273	9.9	135417.4	-5651.3	5363	10.3	140433.2	-5629.8	5453	9.4	142030.8	-5634.7
5274	10.8	135428.6	-5641.3	5364	9.8	140442.8	-5610.4	5454	9.5	142101.4	-5638.7
5275	10.3	135431.3	-5605.9	5365	10.3	140514.9	-5638.4	5455	10.5	142102.2	-5616.8
5276	9.7	135433.8	-5657.3	5366	10.3	140519.0	-5648.4	5456	8.2	142110.0	-5620.8
5277	10.8	135443.9	-5638.3	5367	9.6	140534.6	-5606.4	5457	10.5	142129.5	-5613.8
5278	10.3	135446.9	-5632.9	5368	11.3	140545.4	-5625.9	5458	9.8	142137.5	-5602.9
5279	9.8	135447.3	-5657.3	5369	9.6	140550.0	-5620.4	5459	10.5	142146.9	-5636.7
5280	9.5	135450.9	-5621.9	5370	5.4	140615.5	-5629.9	5460	10.0	142153.2	-5648.7
5281	7.8	135451.5	-5644.3	5371	9.3	140624.9	-5636.4	5461	10.3	142155.9	-5649.7
5282	10.0	135512.8	-5639.3	5372	10.0	140626.4	-5634.4	5462	10.3	142201.9	-5638.7
5283	10.5	135516.4	-5653.3	5373	11.5	140648.3	-5607.5	5463	10.0	142204.3	-5656.7
5284	10.0	135523.9	-5641.3	5374	11.0	140648.5	-5610.5	5464	9.6	142209.4	-5616.9
5285	10.5	135525.9	-5609.9	5375	11.3	140655.0	-5602.5	5465	10.3	142211.4	-5609.9
5286	11.5	135530.4	-5620.9	5376	8.8	140729.7	-5617.5	5466	9.0	142224.3	-5655.7
5287	11.0	135532.4	-5640.3	5377	10.0	140733.9	-5603.5	5467	9.7	142226.7	-5652.7
5288	9.7	135541.9	-5648.3	5378	9.7	140741.4	-5635.2	5468	10.3	142236.4	-5619.9
5289	11.0	135543.3	-5642.3	5379	7.2	140747.6	-5643.4	5469	9.2	142302.8	-5608.9
5290	9.1	135544.3	-5652.3	5380	10.0	140751.0	-5643.4	5470	9.9	142307.0	-5609.9
5291	9.3	135600.0	-5623.5	5381	9.4	140800.2	-5635.0	5471	10.3	142315.9	-5616.9
5292	10.3	135602.3	-5618.0	5382	11.5	140807.0	-5600.5	5472	10.5	142319.5	-5620.9
5293	9.7	135605.3	-5614.0	5383	11.3	140816.7	-5612.5	5473	9.7	142320.3	-5657.8
5294	11.3	135606.7	-5604.0	5384	11.3	140816.7	-5631.5	5474	10.3	142327.2	-5606.9
5295	9.7	135614.4	-5621.0	5385	10.5	140818.4	-5654.4	5475	7.6	142336.9	-5619.9
5296	9.9	135616.0	-5602.0	5386	11.0	140819.9	-5629.5	5476	9.7	142337.8	-5659.2
5297	9.8	135630.7	-5623.0	5387	9.3	140844.8	-5601.5	5477	10.3	142338.8	-5606.9
5298	10.0	135633.8	-5645.3	5388	10.0	140847.0	-5652.4	5478	10.5	142350.1	-5600.9
5299	9.5	135638.6	-5619.0	5389	11.3	140901.3	-5621.5	5479	10.3	142350.3	-5655.8
5300	10.3	135645.0	-5644.3	5390	8.7	140909.2	-5615.5	5480	10.5	142402.2	-5623.9
5301	10.3	135646.1	-5654.3	5391	8.5	140910.3	-5627.5	5481	10.0	142403.9	-5638.2
5302	10.8	135648.0	-5657.3	5392	8.2	140920.5	-5635.2	5482	9.0	142408.6	-5642.8
5303	11.0	135652.1	-5647.3	5393	9.6	140936.2	-5616.5	5483	10.5	142414.1	-5602.9
5304	10.3	135653.4	-5645.1	5394	10.0	140938.2	-5624.5	5484	10.8	142416.2	-5615.9
5305	10.5	135654.9	-5628.0	5395	9.2	140945.8	-5613.5	5485	10.8	142420.2	-5600.9
5306	9.5	135702.8	-5644.3	5396	9.5	140950.7	-5625.5	5486	10.5	142432.4	-5623.9
5307	10.8	135712.0	-5625.0	5397	10.3	140953.1	-5646.5	5487	10.0	142442.6	-5603.9
5308	8.3	135718.9	-5640.3	5398	8.3	141002.2	-5611.5	5488	10.3	142446.0	-5621.9
5309	10.0	135729.5	-5623.0	5399	9.6	141003.4	-5618.5	5489	10.5	142449.6	-5617.9
5310	9.7	135730.7	-5634.3	5400	9.0	141007.9	-5623.5	5490	9.6	142454.5	-5610.9
5311	9.7	135736.7	-5639.3	5401	8.7	141025.0	-5620.5	5491	10.8	142518.9	-5610.9
5312	8.8	135740.7	-5611.0	5402	7.7	141026.7	-5650.5	5492	10.8	142521.2	-5621.9
5313	10.3	135745.4	-5639.3	5403	9.5	141039.7	-5652.0	5493	10.5	142521.2	-5633.9
5314	8.5	135812.7	-5614.0	5404	9.7	141051.5	-5617.6	5494	10.0	142527.9	-5609.9
5315	10.8	135827.8	-5652.3	5405	8.3	141108.0	-5634.6	5495	10.8	142530.4	-5635.3
5316	10.8	135848.9	-5603.0	5406	9.1	141109.6	-5649.5	5496	7.8	142537.2	-5633.4
5317	11.0	135854.4	-5617.0	5407	9.9	141112.6	-5640.5	5497	10.0	142541.5	-5616.9
5318	9.2	135854.4	-5632.2	5408	10.8	141126.6	-5604.6	5498	9.8	142542.8	-5618.9
5319	11.0	135857.6	-5650.3	5409	11.0	141157.2	-5625.6	5499	10.5	142542.8	-5600.9
5320	10.3	135859.3	-5656.3	5410	10.0	141157.6	-5610.6	5500	10.3	142546.6	-5632.8
5321	10.0	135900.6	-5655.3	5411	11.0	141215.8	-5600.6	5501	10.3	142550.5	-5609.9
5322	7.7	135905.7	-5618.0	5412	11.3	141230.8	-5628.6	5502	9.8	142552.9	-5608.9
5323	10.5	135914.9	-5627.0	5413	9.3	141235.3	-5623.6	5503	10.5	142556.2	-5639.8
5324	10.8	135919.5	-5613.0	5414	8.6	141245.8	-5603.6	5504	10.3	142557.8	-5637.8
5325	10.0	135921.8	-5655.3	5415	11.3	141302.4	-5610.6	5505	8.5	142604.2	-5615.9
5326	11.5	135943.1	-5601.0	5416	9.1	141303.8	-5644.6	5506	10.5	142606.2	-5626.9
5327	9.4	135944.5	-5643.3	5417	10.3	141306.0	-5645.1	5507	9.6	142612.8	-5609.0
5328	10.8	135959.5	-5655.3	5418	10.5	141309.6	-5611.6	5508	9.2	142618.9	-5613.0
5329	10.0	140002.4	-5657.3	5419	10.5	141340.5	-5640.6	5509	9.4	142628.6	-5604.0
5330	10.0	140005.3	-5613.0	5420	11.3	141403.1	-5604.6	5510	9.2	142629.9	-5613.0
5331	10.0	140008.2	-5609.0	5421	10.0	141451.3	-5609.7	5511	10.5	142632.3	-5651.2
5332	10.0	140015.2	-5615.0	5422	10.8	141451.3	-5630.7	5512	10.0	142634.6	-5610.0
5333	11.0	140017.4	-5628.0	5423	10.8	141457.2	-5629.7	5513	9.6	142635.0	-5601.0
5334	9.1	140024.4	-5628.0	5424	10.5	141514.2	-5615.7	5514	10.0	142639.9	-5612.0
5335	8.6	140028.0	-5651.3	5425	11.0	141522.4	-5609.7	5515	10.3	142646.0	-5637.8
5336	10.3	140039.7	-5650.3	5426	10.5	141538.1	-5634.6	5516	8.1	142650.2	-5604.0
5337	9.0	140048.1	-5614.0	5427	11.0	141553.7	-5629.7	5517	10.3	142653.9	-5631.9
5338	9.6	140054.0	-5641.9	5428	9.6	141603.4	-5634.7	5518	10.0	142654.2	-5611.0
5339	8.5	140108.6	-5632.0	5429	10.5	141607.6	-5645.6	5519	10.0	142654.2	-5621.0
5340	11.3	140117.1	-5608.0	5430	10.8	141633.3	-5630.7	5520	10.5	142658.1	-5631.9
5521	10.0	142700.1	-5644.5								
5522	9.6	142745.5	-5619.0								
5523	10.3	142749.2	-5603.0								
5524	10.5	142749.6	-5654.9								
5525	9.8	142754.3	-5657.2								
5526	10.5	142756.2	-5606.0								
5527	9.8	142759.6	-5644.9								
5528	10.5	142803.3	-5600.0								
5529	10.5	142815.8	-5634.0								
5530	9.8	142821.5	-5636.3								
5531	10.3	142830.3	-5639.9								
5532	8.4	142839.3	-5654.9								
5533	9.8	142852.3	-5653.9								
5534	10.5	142905.5	-5619.0								
5535	10.0	142905.5	-5624.0								
5536	10.5	142911.1	-5607.0								
5537	10.3	142917.7	-5617.0								
5538	8.5	142937.8	-5652.0								
5539	10.3	142951.7	-5635.0								
5540	11.0	143010.2	-5620.1								
5541	9.9	143030.5	-5629.1								
5542	7.5	143119.0	-5628.6								
5543	9.8	143129.6	-5645.0								
5544	9.6	143140.7	-5631.1								
5545	9.8	143141.5	-5606.1								
5546	9.7	143143.7	-5638.0								
5547	10.3	143202.0	-5605.1								
5548	9.9	143208.5	-5629.1								
5549	10.5	143226.5	-5630.1								
5550	9.5	143230.7	-5637.0								
5551	10.8	143231.9	-5607.1								
5552	9.5	143238.7	-5636.0								
5553	10.0	143246.9	-5630.1								
5554	10.5	143308.9	-5606.2								
5555	9.8	143315.5	-5617.2								
5556	9.4	143316.1	-5649.1								
5557	9.8	143329.2	-5640.5								
5558	9.9	143330.8	-5625.2								
5559	10.0	143332.2	-5639.5								
5560	10.3	143348.2	-5613.2								
5561	9.0	143403.4	-5628.2								
5562	10.3	143405.3	-5614.2								
5563	9.4	143406.6	-5657.1								
5564	10.3	143419.5	-5611.2								
5565	10.0	143423.3	-5602.2								
5566	10.5	143427.0	-5659.1								
5567	10.3	143433.7	-5634.9								
5568	10.5	143435.2	-5657.1								
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5570	9.6	143443.9	-5625.2								
5571	8.7	143446.4	-5608.2								
5572	9.6	143519.0	-5652.2								
5573	10.5	143520.9	-5624.2								
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5576	9.7	143540.3	-5608.2								
5577	10.3	143547.9	-5630.2								
5578	9.7	143550.8	-5615.2								
5579	10.3	143552.8	-5618.2								
5580	8.3	143600.8	-5635.2								
5581	10.3	143605.3	-5621.2								
5582	10.3	143614.9	-5645.2								
5583	10.0	143641.2	-5622.2								
5584	10.0	143647.2	-5600.2								
5585	9.8	143703.8	-5656.0								
5586	9.7	143717.4	-5635.7								
5587	10.3	143718.0	-5633.2								
5588	8.4	143729.2	-5642.2								
5589	10.5	143737.2	-5634.6								
5590	10.0	143755.7	-5653.2								
5591	10.8	143758.2	-5627.2								
5592	10.5	143802.1	-5616.2								
5593	10.0	143809.7	-5606.2								
5594	9.6	143821.8	-5636.9								
5595	8.0	143728.1	-5641.9								
5596	10.5	143828.7	-5639.9								
5597	9.2	143839.5	-5601.2								
5598	9.9	143846.4	-5603.2								
5599	11.0	143903.3	-5650.9								
5600	10.0	143905.1	-5615.3								
5601	10.8	143937.1	-5647.9								
5602	10.0	143939.4	-5648.9								
5603	10.0	143940.8	-5655.9								
5604	8.6	143941.8	-5628.3								
5605	10.0	143945.0	-5622.3								
5606	10.0	143952.7	-5608.3								
5607	9.7	143959.8	-5638.9								
5608	6.5	143959.9	-5608.3								
5609	10.3	144002.8	-5654.9								
5610	10.3	144005.1	-5656.0								

-56 5611 14h40m

-56 5970 15h28m

5611	7.7	144009.6	-5655.0	5701	10.3	145234.2	-5610.6	5791	9.5	150417.0	-5622.9	5881	10.3	151432.1	-5623.2
5612	10.8	144020.8	-5602.3	5702	10.5	145246.7	-5644.4	5792	9.4	150446.8	-5637.7	5882	8.3	151437.7	-5615.2
5613	9.3	144021.0	-5626.3	5703	8.3	145303.8	-5607.6	5793	10.5	150448.9	-5600.9	5883	9.9	151442.7	-5628.2
5614	7.8	144038.5	-5649.0	5704	10.0	145309.4	-5631.5	5794	10.3	150505.9	-5629.8	5884	9.6	151451.2	-5656.0
5615	10.5	144043.8	-5630.3	5705	10.3	145309.6	-5632.5	5795	8.8	150508.1	-5645.8	5885	9.6	151455.5	-5655.0
5616	10.3	144101.3	-5647.0	5706	8.9	145315.2	-5641.1	5796	10.3	150524.6	-5611.9	5886	11.5	151506.9	-5616.2
5617	10.5	144102.7	-5649.0	5707	9.4	145316.8	-5609.6	5797	10.0	150530.1	-5611.9	5887	9.4	151509.6	-5620.2
5618	10.5	144107.4	-5653.0	5708	10.3	145331.5	-5607.6	5798	9.6	150534.2	-5632.9	5888	9.9	151514.5	-5608.2
5619	8.5	144117.4	-5638.0	5709	10.3	145332.8	-5617.6	5799	9.4	150552.4	-5624.0	5889	11.0	151543.7	-5645.1
5620	11.3	144119.2	-5620.4	5710	9.5	145340.1	-5627.6	5800	10.3	150610.5	-5637.8	5890	10.3	151551.6	-5606.2
5621	11.0	144126.5	-5605.4	5711	9.7	145344.6	-5639.4	5801	10.5	150615.2	-5632.8	5891	11.5	151602.4	-5650.1
5622	10.8	144128.5	-5604.4	5712	8.5	145354.7	-5615.6	5802	8.4	150616.0	-5632.4	5892	8.6	151603.6	-5651.1
5623	9.3	144139.0	-5601.4	5713	9.9	145403.2	-5643.4	5803	10.8	150617.5	-5602.0	5893	7.6	151604.7	-5634.2
5624	9.5	144142.1	-5621.4	5714	9.6	145405.3	-5652.4	5804	9.7	150619.0	-5609.0	5894	11.0	151635.9	-5627.2
5625	9.8	144200.6	-5655.0	5715	9.9	145412.1	-5624.6	5805	9.8	150628.6	-5658.8	5895	10.5	151658.2	-5640.1
5626	9.3	144206.3	-5623.4	5716	10.8	145416.6	-5657.5	5806	10.0	150634.9	-5631.8	5896	10.3	151658.2	-5653.1
5627	9.1	144208.4	-5602.4	5717	10.5	145425.9	-5605.6	5807	10.5	150646.7	-5632.0	5897	11.5	151702.3	-5612.2
5628	9.8	144224.9	-5626.4	5718	10.0	145425.9	-5601.6	5808	9.8	150652.4	-5642.8	5898	11.0	151705.2	-5604.2
5629	9.8	144231.4	-5618.4	5719	11.0	145426.5	-5641.5	5809	10.3	150655.0	-5632.9	5899	11.3	151707.3	-5659.1
5630	8.2	144241.1	-5637.0	5720	9.4	145452.6	-5629.8	5810	9.1	150657.6	-5655.8	5900	9.3	151717.4	-5605.8
5631	10.8	144250.0	-5636.0	5721	9.7	145454.7	-5608.6	5811	10.3	150659.3	-5648.8	5901	8.6	151742.3	-5655.1
5632	8.8	144255.2	-5624.4	5722	7.5	145501.8	-5625.6	5812	10.0	150703.0	-5645.8	5902	8.4	151749.8	-5634.2
5633	8.7	144309.3	-5656.0	5723	9.8	145515.7	-5623.6	5813	10.5	150704.2	-5659.8	5903	8.3	151805.9	-5655.1
5634	10.3	144317.1	-5604.4	5724	11.0	145524.9	-5632.5	5814	8.6	150709.8	-5652.8	5904	11.0	151807.0	-5603.3
5635	10.0	144326.5	-5607.4	5725	10.3	145547.5	-5614.6	5815	10.8	150711.9	-5635.8	5905	11.3	151808.0	-5620.3
5636	10.5	144350.0	-5634.2	5726	10.5	145613.0	-5650.5	5816	11.0	150713.8	-5642.8	5906	8.5	151818.2	-5604.3
5637	11.0	144350.9	-5646.1	5727	9.8	145619.4	-5620.6	5817	9.7	150727.8	-5616.0	5907	10.0	151841.3	-5625.3
5638	9.4	144402.4	-5656.1	5728	10.8	145635.3	-5658.5	5818	10.5	150730.5	-5601.0	5908	11.5	151844.2	-5629.3
5639	8.3	144409.0	-5621.4	5729	9.7	145646.3	-5616.6	5819	10.8	150731.7	-5642.8	5909	10.5	151846.8	-5640.1
5640	10.0	144414.4	-5644.1	5730	10.3	145650.1	-5629.6	5820	10.5	150731.8	-5600.0	5910	9.6	151857.0	-5638.8
5641	11.0	144446.0	-5616.4	5731	9.0	145712.3	-5619.7	5821	10.3	150733.0	-5603.0	5911	8.8	151900.4	-5637.2
5642	10.8	144503.7	-5635.2	5732	9.6	145712.6	-5638.5	5822	8.6	150734.6	-5633.8	5912	9.8	151940.2	-5641.2
5643	8.1	144507.4	-5632.2	5733	9.3	145715.6	-5617.7	5823	10.8	150743.4	-5652.9	5913	7.9	151948.2	-5648.2
5644	10.8	144509.2	-5648.1	5734	8.8	145726.9	-5655.5	5824	9.7	150756.8	-5643.9	5914	9.8	151948.2	-5642.2
5645	10.5	144513.6	-5619.6	5735	9.8	145731.7	-5645.5	5825	11.5	150806.8	-5604.0	5915	11.0	151950.6	-5603.3
5646	10.5	144525.5	-5652.1	5736	10.3	145735.2	-5614.7	5826	11.3	150808.0	-5612.0	5916	10.0	152000.4	-5657.2
5647	10.3	144530.7	-5636.1	5737	11.0	145736.3	-5642.5	5827	9.6	150812.2	-5610.0	5917	10.8	152002.7	-5609.3
5648	10.0	144558.6	-5617.5	5738	7.4	145745.1	-5656.5	5828	10.3	150821.2	-5625.0	5918	10.8	152006.3	-5615.3
5649	9.9	144611.3	-5608.5	5739	9.8	145755.4	-5616.7	5829	10.5	150842.5	-5602.0	5919	11.0	152018.7	-5651.2
5650	9.7	144612.0	-5618.5	5740	9.0	145807.2	-5626.7	5830	11.0	150848.1	-5656.9	5920	10.5	152036.0	-5600.3
5651	10.0	144617.6	-5643.2	5741	9.8	145816.3	-5624.7	5831	11.0	150851.6	-5658.9	5921	9.6	152040.0	-5647.2
5652	10.5	144634.7	-5633.5	5742	11.3	145816.5	-5654.5	5832	9.3	150853.6	-5647.9	5922	11.3	152040.8	-5618.3
5653	9.8	144636.8	-5643.2	5743	10.5	145817.3	-5649.5	5833	10.3	150858.6	-5618.0	5923	9.5	152048.7	-5651.2
5654	11.0	144639.7	-5650.2	5744	10.5	145834.2	-5651.6	5834	11.0	150903.4	-5644.9	5924	11.0	152106.7	-5613.3
5655	9.1	144646.0	-5626.5	5745	10.5	145837.7	-5636.6	5835	11.0	150916.6	-5648.9	5925	11.3	152129.8	-5632.3
5656	9.6	144718.6	-5619.5	5746	10.5	145850.7	-5641.6	5836	9.9	150918.8	-5607.0	5926	10.5	152140.6	-5645.2
5657	10.0	144719.8	-5604.5	5747	10.5	145850.9	-5624.8	5837	10.5	150922.0	-5630.0	5927	11.5	152207.3	-5626.4
5658	10.0	144722.5	-5642.2	5748	10.3	145858.0	-5628.8	5838	10.8	150922.6	-5643.9	5928	9.8	152224.0	-5658.2
5659	9.9	144724.2	-5622.5	5749	9.7	145905.9	-5637.6	5839	9.7	150930.0	-5607.0	5929	10.3	152242.9	-5627.4
5660	10.0	144726.4	-5625.5	5750	10.5	145907.7	-5654.6	5840	10.0	150947.2	-5617.0	5930	9.5	152248.1	-5622.4
5661	9.9	144734.5	-5624.5	5751	9.8	145911.4	-5656.6	5841	10.0	150952.0	-5616.0	5931	7.4	152255.5	-5658.2
5662	9.9	144740.6	-5608.5	5752	10.8	145924.3	-5651.6	5842	10.8	151003.6	-5633.0	5932	10.8	152308.8	-5622.4
5663	9.6	144747.2	-5619.5	5753	8.3	145946.7	-5652.6	5843	10.5	151006.2	-5642.9	5933	11.3	152318.6	-5603.4
5664	10.8	144753.9	-5610.5	5754	9.7	145948.6	-5649.6	5844	10.0	151025.4	-5644.9	5934	11.0	152332.7	-5608.4
5665	10.3	144756.1	-5643.2	5755	8.3	145954.2	-5634.8	5845	9.2	151029.6	-5609.1	5935	9.8	152347.8	-5652.3
5666	9.8	144805.0	-5604.5	5756	10.3	145959.5	-5615.8	5846	8.8	151031.4	-5630.0	5936	11.3	152351.2	-5632.8
5667	9.6	144808.2	-5611.5	5757	10.5	150001.8	-5610.8	5847	7.7	151034.7	-5656.9	5937	9.5	152401.6	-5647.3
5668	10.0	144811.2	-5635.2	5758	10.5	150046.2	-5621.8	5848	9.3	151045.3	-5619.1	5938	9.5	152408.8	-5600.4
5669	10.5	144812.4	-5656.2	5759	9.1	150046.3	-5656.6	5849	10.8	151059.4	-5635.5	5939	10.8	152421.0	-5653.3
5670	10.3	144818.4	-5640.2	5760	11.0	150046.3	-5643.6	5850	10.8	151114.4	-5653.9	5940	7.5	152436.3	-5638.3
5671	8.7	144820.4	-5627.5	5761	10.3	150055.7	-5629.8	5851	11.3	151118.3	-5640.0	5941	8.9	152448.2	-5605.4
5672	10.0	144840.3	-5655.2	5762	7.7	150058.5	-5638.6	5852	10.5	151121.3	-5651.0	5942	11.3	152450.9	-5647.3
5673	9.8	144841.3	-5653.2	5763	9.5	150104.9	-5626.8	5853	9.1	151124.7	-5641.0	5943	8.5	152518.4	-5633.4
5674	9.6	144842.0	-5616.5	5764	9.8	150107.3	-5603.8	5854	9.6	151126.0	-5614.1	5944	11.0	152520.1	-5650.3
5675	10.3	144842.7	-5649.2	5765	9.8	150107.8	-5636.6	5855	9.9	151132.0	-5621.1	5945	9.5	152530.6	-5603.6
5676	11.0	144845.3	-5644.2	5766	10.5	150114.8	-5618.8	5856	9.4	151140.5	-5631.6	5946	7.7	152537.4	-5659.3
5677	9.3	144850.4	-5629.5	5767	10.0	150140.4	-5652.7	5857	10.5	151153.6	-5612.1	5947	11.3	152539.3	-5647.3
5678	9.7	144902.7	-5604.5	5768	9.0	150145.9	-5659.7	5858	9.2	151153.6	-5632.7	5948	10.8	152540.2	-5609.5
5679	10.5	144912.0	-5632.5	5769	9.7	150158.3	-5620.8	5859	9.8	151156.2	-5647.0	5949	11.5	152544.8	-5623.5
5680	10.3	144920.8	-5656.2	5770	10.5	150205.1	-5609.9	5860	9.4	151158.8	-5627.1	5950	9.7	152548.8	-5639.3
5681	10.0	144922.3	-5657.2	5771	10.0	150224.3	-5604.9	5861	10.5	151202.7	-5644.0	5951	9.8	152558.2	-5609.9
5682	10.0	144924.6	-5658.0	5772	10.0	150226.6	-5604.9	5862	10.8	151209.9	-5659.0	5952	8.6	152600.2	-5629.5
5683	9.4	144948.3	-5603.5	5773	9.8	150228.2	-5653.7	5863	7.0	151221.9	-5642.0	5953	9.8	152605.7	-5606.0
5684	10.5	144948.3	-5612.5	5774	10.5	150229.4	-5641.7	5864	11.0	151230.2	-5655.0	5954	10.3	152612.5	-5614.5
5685	10.5	145010.3	-5606.6	5775	9.3	150234.6	-5610.9	5865	11.0	151231.2	-5654.0	5955	10.3	152623.2	-5605.5
5686	8.5	145020.2	-5651.3	5776	10.5	150237.7	-5601.9	5866	10.8	151232.0	-5619.1	5956	11.0	152639.8	-5617.0
5687	9.1	145021.6	-5604.6	5777	9.7	150245.4	-5631.7	5867	11.3	151234.1	-5649.0	5957	7.8	152639.8	-5635.6
5688	8.3	145028.4	-5653.3	5778	9.8	150246.6	-5613.9	5868	11.0	151236.5	-5613.1	5958	11.0	152643.9	-5619.5
5689	10.3	145035.3	-5637.3	5779	10.5	150248.7	-5632.8	5869	10.8	151243.5	-5611.1	5959	11.5	152703.5	-5642.3
5690	10.5	145048.2	-5602.6	5780	8.8	150311.6	-5627.9	5870	9.9	151301.0	-5653.0	5960	11.5	152707.8	-5605.5
5691	7.5	145051.5	-5637.3	5781	9.2	150313.1	-5618.9	5871	9.6	151301.0	-5636.1	5961	10.8	152716.7	-5612.5
5692	10.5	145105.3	-5617.6	5782	10.5	150313.2	-5644.7	5872	9.6	151314.4	-5635.6	5962	9.6	152728.8	-5617.5
5693	10.0	145107.5	-5604.6	5783	10.3	150323.0	-5605.9	5873	10.8	151322.5	-5630.1	5963	10.3	152732.8	-5622.5
5694	9.1	145117.1	-5626.6	5784	10.0	150344.7	-5645.7	5874	10.5	151331.7	-5600.1	5964	10.8	152745.6	-5644.4
5695	10.5	145146.0	-5641.3	5785	10.0	150347.0	-5609.9	5875	9.6	151343.5	-5637.0	5965	10.5	152746.2	-5611.5
5696	10.5	145148.9	-5630.3	5786	10.8	150347.0	-5632.8	5876	10.8	151355.9	-5657.0	5966	10.8	152801.1	-5644.4
5697	10.0	145155.4	-5642.3	5787	10.8	150400.6	-5634.7	5877	7.1	151410.5	-5653.0	5967	11.5	152805.2	-5610.5
5698	10.0	145209.9	-5627.6	5788	10.0	150405.9	-5607.9	5878	11.5	151417.0	-5642.0	5968	10.8	152817.3	-5659.4
5699	10.3	145217.7	-5630.3	5789	8.4	150408.9	-5623.9	5879	11.0	151418.3	-5637.0	5969	10.0	152822.9	-5625.5
5700	10.3	145223.6	-5657.3	5790	11.0	150415.7	-5644.7	5880	8.2	151427.2	-5613.2	5970	8.3	152823.1	-5651.4

-56 5971 15h28m

-56 6330 16h12m

5971	9.8	152828.2	-5600.5	6061	9.4	154037.5	-5645.8	6151	10.3	155214.0	-5641.2	6241	10.5	160245.4	-5615.2
5972	9.9	152829.3	-5603.5	6062	10.8	154039.8	-5617.9	6152	9.0	155227.8	-5652.2	6242	9.8	160310.2	-5644.5
5973	10.0	152846.7	-5614.6	6063	11.3	154041.1	-5601.9	6153	7.0	155228.2	-5629.6	6243	11.0	160316.3	-5600.2
5974	10.0	152849.7	-5614.6	6064	9.0	154046.9	-5655.8	6154	10.5	155229.2	-5635.9	6244	10.0	160319.1	-5653.5
5975	11.0	152858.2	-5605.6	6065	9.6	154059.3	-5653.8	6155	9.4	155230.9	-5648.6	6245	8.2	160320.4	-5605.2
5976	10.5	152901.9	-5656.4	6066	9.7	154109.3	-5618.9	6156	8.5	155258.8	-5604.4	6246	9.0	160324.7	-5645.5
5977	9.5	152902.9	-5653.4	6067	10.0	154112.3	-5601.9	6157	10.8	155304.5	-5657.0	6247	10.0	160326.7	-5636.5
5978	10.3	152921.8	-5601.6	6068	11.0	154118.9	-5643.8	6158	11.3	155309.5	-5645.0	6248	10.3	160335.5	-5634.8
5979	10.5	152926.3	-5603.0	6069	9.6	154133.2	-5614.9	6159	9.8	155323.5	-5639.0	6249	10.5	160337.5	-5632.5
5980	11.5	152944.2	-5609.6	6070	9.4	154134.0	-5643.8	6160	10.0	155338.5	-5656.0	6250	9.1	160338.8	-5644.5
5981	10.8	152945.9	-5627.0	6071	11.0	154143.6	-5601.9	6161	10.5	155345.4	-5638.0	6251	10.8	160344.4	-5604.2
5982	10.8	152949.2	-5611.6	6072	10.5	154147.9	-5628.9	6162	10.3	155354.2	-5611.4	6252	10.3	160354.5	-5647.5
5983	9.8	153005.6	-5631.6	6073	9.6	154150.2	-5613.9	6163	10.8	155355.3	-5612.4	6253	9.7	160358.0	-5645.5
5984	10.5	153008.3	-5651.5	6074	11.0	154213.8	-5604.9	6164	11.0	155401.8	-5614.4	6254	9.8	160404.4	-5657.5
5985	7.3	153021.7	-5630.6	6075	10.0	154220.9	-5625.9	6165	10.3	155409.8	-5641.0	6255	11.0	160428.0	-5632.3
5986	8.2	153027.2	-5643.5	6076	10.5	154230.5	-5623.9	6166	9.0	155415.8	-5605.4	6256	11.0	160432.0	-5631.3
5987	11.5	153031.7	-5653.5	6077	10.5	154231.8	-5619.4	6167	10.5	155419.3	-5656.0	6257	10.5	160440.3	-5612.3
5988	11.3	153103.4	-5631.6	6078	10.8	154233.2	-5623.9	6168	10.5	155432.5	-5659.0	6258	9.2	160444.4	-5611.3
5989	11.5	153109.6	-5602.6	6079	8.3	154234.8	-5633.4	6169	10.8	155436.2	-5616.4	6259	9.8	160446.0	-5636.5
5990	10.3	153117.6	-5630.7	6080	8.6	154241.2	-5651.9	6170	10.0	155443.0	-5631.2	6260	9.6	160447.4	-5653.5
5991	9.8	153119.8	-5633.6	6081	8.6	154248.4	-5634.0	6171	10.5	155443.6	-5602.9	6261	9.5	160453.0	-5633.9
5992	10.5	153127.7	-5636.5	6082	9.5	154252.4	-5609.0	6172	10.5	155447.6	-5622.4	6262	7.4	160502.0	-5603.3
5993	11.0	153129.7	-5610.6	6083	10.5	154257.4	-5649.9	6173	10.0	155456.8	-5604.9	6263	10.8	160513.9	-5623.3
5994	11.5	153130.3	-5640.5	6084	10.8	154302.0	-5625.0	6174	9.5	155457.0	-5658.0	6264	10.5	160518.0	-5609.3
5995	11.3	153134.6	-5606.6	6085	11.0	154306.2	-5657.9	6175	10.3	155500.2	-5633.2	6265	8.2	160527.1	-5622.3
5996	11.5	153146.5	-5658.5	6086	11.0	154328.7	-5614.0	6176	10.8	155521.2	-5657.1	6266	10.3	160529.1	-5640.6
5997	11.3	153158.2	-5612.6	6087	10.8	154330.3	-5606.0	6177	10.8	155525.7	-5634.1	6267	10.8	160532.6	-5604.3
5998	9.7	153208.4	-5628.6	6088	10.8	154341.8	-5645.9	6178	9.4	155528.6	-5622.0	6268	10.5	160535.7	-5641.6
5999	9.7	153209.2	-5611.6	6089	11.0	154354.4	-5604.0	6179	11.3	155535.8	-5601.0	6269	9.1	160544.0	-5646.6
6000	11.5	153209.3	-5637.5	6090	10.0	154406.7	-5648.9	6180	9.3	155546.0	-5602.0	6270	10.3	160550.5	-5622.3
6001	9.5	153212.4	-5629.0	6091	9.1	154428.7	-5653.9	6181	8.9	155617.5	-5648.1	6271	10.5	160555.5	-5655.6
6002	9.7	153227.7	-5607.7	6092	11.5	154438.3	-5612.0	6182	10.5	155618.8	-5657.1	6272	10.0	160559.3	-5659.6
6003	9.4	153229.5	-5612.7	6093	11.0	154441.7	-5601.0	6183	10.0	155625.9	-5658.1	6273	10.3	160625.3	-5641.6
6004	9.0	153231.0	-5644.5	6094	9.6	154446.5	-5628.0	6184	11.3	155626.1	-5604.0	6274	10.5	160630.3	-5636.6
6005	10.3	153236.0	-5643.5	6095	10.5	154452.9	-5605.0	6185	11.0	155626.5	-5613.0	6275	10.5	160653.1	-5639.6
6006	9.6	153251.1	-5615.7	6096	10.8	154456.4	-5633.9	6186	9.6	155627.9	-5637.1	6276	8.0	160656.0	-5622.3
6007	9.9	153253.6	-5652.6	6097	10.3	154503.9	-5616.0	6187	11.0	155632.5	-5604.0	6277	10.5	160656.8	-5632.7
6008	11.0	153301.6	-5610.7	6098	10.0	154508.3	-5612.4	6188	11.0	155633.6	-5605.0	6278	9.5	160704.2	-5603.3
6009	10.3	153321.7	-5609.7	6099	10.5	154509.9	-5603.0	6189	8.9	155637.0	-5623.0	6279	11.0	160704.2	-5633.4
6010	11.5	153332.3	-5600.7	6100	8.4	154523.8	-5636.9	6190	9.5	155639.2	-5641.1	6280	8.4	160708.4	-5659.7
6011	9.6	153336.7	-5614.3	6101	8.1	154526.7	-5640.9	6191	11.0	155646.2	-5625.0	6281	10.8	160713.4	-5626.3
6012	11.5	153338.6	-5650.6	6102	10.0	154531.0	-5638.9	6192	9.7	155647.9	-5614.0	6282	10.3	160722.8	-5638.7
6013	11.0	153339.9	-5640.6	6103	9.0	154543.0	-5615.0	6193	10.8	155708.1	-5633.2	6283	11.3	160723.1	-5627.4
6014	11.5	153340.8	-5601.7	6104	10.0	154547.4	-5624.0	6194	10.5	155716.8	-5630.6	6284	10.8	160731.4	-5622.4
6015	11.0	153413.3	-5621.7	6105	8.8	154551.0	-5634.0	6195	10.5	155717.7	-5659.2	6285	10.5	160735.7	-5659.7
6016	10.3	153419.7	-5613.7	6106	10.0	154608.6	-5651.9	6196	10.5	155718.8	-5608.0	6286	10.3	160737.1	-5609.7
6017	7.8	153423.2	-5643.6	6107	11.0	154608.8	-5608.0	6197	10.0	155724.7	-5639.2	6287	10.3	160740.9	-5602.4
6018	8.6	153457.0	-5624.7	6108	9.7	154619.9	-5625.9	6198	10.3	155724.9	-5611.0	6288	9.0	160748.9	-5655.7
6019	10.0	153501.6	-5657.6	6109	9.6	154621.4	-5648.9	6199	10.3	155735.1	-5658.2	6289	11.0	160810.4	-5613.4
6020	11.5	153504.1	-5623.7	6110	10.8	154624.8	-5611.1	6200	10.3	155736.4	-5656.2	6290	8.6	160817.4	-5621.4
6021	8.4	153512.1	-5630.7	6111	11.0	154626.0	-5626.1	6201	10.8	155738.0	-5600.0	6291	9.5	160817.4	-5606.4
6022	10.5	153550.0	-5652.7	6112	10.8	154641.3	-5658.5	6202	10.3	155739.2	-5654.2	6292	10.0	160822.0	-5654.7
6023	10.5	153550.2	-5611.8	6113	10.3	154649.1	-5638.1	6203	9.8	155740.1	-5608.1	6293	9.7	160823.6	-5657.7
6024	10.5	153550.7	-5613.8	6114	10.5	154651.3	-5609.1	6204	11.0	155741.3	-5601.0	6294	10.8	160827.2	-5633.0
6025	10.5	153551.0	-5655.7	6115	11.5	154651.5	-5627.1	6205	9.3	155748.1	-5647.2	6295	10.0	160827.6	-5658.7
6026	11.0	153556.8	-5618.8	6116	9.3	154652.8	-5639.1	6206	11.0	155752.6	-5603.3	6296	10.8	160829.9	-5611.4
6027	9.1	153557.5	-5643.7	6117	9.2	154652.8	-5608.1	6207	10.5	155807.4	-5643.2	6297	10.5	160835.0	-5638.7
6028	11.0	153605.4	-5605.7	6118	10.8	154705.4	-5600.1	6208	10.8	155808.5	-5657.2	6298	11.3	160838.5	-5626.4
6029	10.5	153646.9	-5627.8	6119	10.8	154711.9	-5604.1	6209	11.0	155816.8	-5623.0	6299	9.3	160841.4	-5607.4
6030	11.5	153653.5	-5618.8	6120	10.3	154720.4	-5620.1	6210	8.2	155823.3	-5652.2	6300	11.0	160845.2	-5619.7
6031	11.5	153659.4	-5604.8	6121	9.6	154730.8	-5640.1	6211	10.8	155829.8	-5600.0	6301	10.8	160849.4	-5631.7
6032	9.9	153710.4	-5627.8	6122	10.8	154731.8	-5641.1	6212	11.0	155831.5	-5615.0	6302	10.3	160905.6	-5634.1
6033	11.0	153725.7	-5627.8	6123	9.9	154731.9	-5613.1	6213	9.6	155834.7	-5617.0	6303	10.8	160907.2	-5653.8
6034	10.8	153735.3	-5617.8	6124	10.5	154734.6	-5630.1	6214	9.8	155846.9	-5637.2	6304	9.0	160908.7	-5654.8
6035	11.3	153749.6	-5613.8	6125	10.5	154738.0	-5631.6	6215	10.5	155903.5	-5639.3	6305	9.6	160914.6	-5636.1
6036	10.5	153757.5	-5653.7	6126	7.7	154802.6	-5646.1	6216	10.5	155906.3	-5628.0	6306	11.0	160931.2	-5606.4
6037	10.5	153801.6	-5652.7	6127	10.8	154806.3	-5614.1	6217	8.2	155908.8	-5634.2	6307	9.5	160938.4	-5618.4
6038	9.7	153810.7	-5614.8	6128	10.8	154809.1	-5650.1	6218	10.0	155911.0	-5649.3	6308	10.5	160953.5	-5654.8
6039	11.0	153814.6	-5622.8	6129	11.5	154809.3	-5655.1	6219	11.3	155925.2	-5619.0	6309	9.1	161016.4	-5648.8
6040	10.8	153816.8	-5619.8	6130	7.2	154809.6	-5601.8	6220	9.9	155928.5	-5651.3	6310	9.7	161018.2	-5652.8
6041	8.5	153819.1	-5609.8	6131	11.5	154846.0	-5638.1	6221	7.7	155941.8	-5607.0	6311	11.0	161018.7	-5625.4
6042	10.8	153819.2	-5614.8	6132	11.3	154855.8	-5648.1	6222	10.0	155942.8	-5635.3	6312	8.9	161022.6	-5632.6
6043	8.1	153841.2	-5642.7	6133	9.6	154858.8	-5634.8	6223	9.2	155944.6	-5646.3	6313	11.3	161029.3	-5604.4
6044	10.8	153842.5	-5652.7	6134	11.5	154900.6	-5606.4	6224	9.6	155950.7	-5611.0	6314	10.8	161030.6	-5614.4
6045	10.8	153842.5	-5659.7	6135	9.7	154922.9	-5653.1	6225	9.5	160000.1	-5644.3	6315	10.3	161035.1	-5650.8
6046	8.7	153907.7	-5604.8	6136	10.3	154923.6	-5617.4	6226	9.9	160009.4	-5612.0	6316	10.5	161036.4	-5649.8
6047	10.0	153911.8	-5624.9	6137	7.9	154937.8	-5624.4	6227	9.9	160021.1	-5621.0	6317	10.5	161039.1	-5653.8
6048	9.1	153938.9	-5629.9	6138	10.8	154941.6	-5627.9	6228	10.0	160029.6	-5600.0	6318	9.2	161041.4	-5623.4
6049	10.5	153939.3	-5618.9	6139	9.5	154947.2	-5606.4	6229	10.5	160037.0	-5642.3	6319	11.0	161052.9	-5631.4
6050	10.5	153941.3	-5621.9	6140	7.6	154955.6	-5627.4	6230	9.4	160055.2	-5631.2	6320	9.5	161056.9	-5623.9
6051	11.3	153951.7	-5608.9	6141	10.5	154955.6	-5635.3	6231	11.3	160113.6	-5611.0	6321	9.0	161057.9	-5657.9
6052	11.3	153959.6	-5640.8	6142	11.0	155030.6	-5655.2	6232	10.3	160127.6	-5602.0	6322	10.3	161058.5	-5619.4
6053	11.0	154004.2	-5605.9	6143	11.5	155042.1	-5659.2	6233	9.7	160129.6	-5632.4	6323	9.4	161105.4	-5633.2
6054	9.7	154006.3	-5616.9	6144	11.5	155044.9	-5628.4	6234	9.9	160135.6	-5615.0	6324	8.4	161109.9	-5630.6
6055	10.3	154024.1	-5627.9	6145	10.8	155046.9	-5627.4	6235	10.8	160144.3	-5607.0	6325	9.7	161126.5	-5622.7
6056	11.0	154027.3	-5624.9	6146	10.8	155049.5	-5633.4	6236	10.3	160144.6	-5602.2	6326	9.4	161127.0	-5609.4
6057	10.8	154027.5	-5600.9	6147	11.0	155057.9	-5614.4	6237	10.8	160152.8	-5644.4	6327	10.3	161133.0	-5635.2
6058	10.5	154027.9	-5629.9	6148	8.2	155115.5	-5620.4	6238	9.4	160202.6	-5632.3	6328	9.2	161151.0	-5623.4
6059	11.0	154032.3	-5604.4	6149	11.0	155137.4	-5604.4	6239	8.6	160208.6	-5627.2	6329	9.8	161153.4	-5626.0
6060	10.5	154035.7	-5603.9	6150	9.1	155137.5	-5627.4	6240	10.5	160214.4	-5603.2	6330	8.0	161216.3	-5607.4

6331	10.3	161219.4	-5610.4	6421	10.5	162250.5	-5614.9	6511	9.7	163312.4	-5632.8	6601	10.0	164316.4	-5643.0
6332	10.3	161242.8	-5637.9	6422	9.6	162251.4	-5652.4	6512	10.8	163317.1	-5622.0	6602	8.1	164317.1	-5609.3
6333	9.5	161243.9	-5618.4	6423	8.9	162255.5	-5629.8	6513	8.6	163338.2	-5604.0	6603	9.2	164320.4	-5636.0
6334	10.5	161249.0	-5618.4	6424	10.0	162256.4	-5657.4	6514	9.7	163344.5	-5616.0	6604	10.5	164338.9	-5653.0
6335	9.2	161255.2	-5647.9	6425	9.4	162259.5	-5623.8	6515	10.5	163353.0	-5630.0	6605	9.7	164343.6	-5638.0
6336	10.5	161258.3	-5646.9	6426	9.6	162301.3	-5607.8	6516	9.0	163356.7	-5631.8	6606	10.3	164401.6	-5654.0
6337	11.0	161318.2	-5600.5	6427	9.7	162302.5	-5655.4	6517	9.7	163403.1	-5642.6	6607	9.6	164402.5	-5653.0
6338	8.0	161318.6	-5601.5	6428	10.0	162305.5	-5600.8	6518	10.0	163409.1	-5644.6	6608	10.3	164416.1	-5608.3
6339	11.0	161325.0	-5621.5	6429	9.1	162317.8	-5605.8	6519	10.3	163414.2	-5656.6	6609	10.0	164423.6	-5601.3
6340	9.0	161335.3	-5658.9	6430	10.0	162321.8	-5648.4	6520	10.3	163414.5	-5611.0	6610	10.5	164427.2	-5635.3
6341	9.3	161335.3	-5650.9	6431	10.5	162322.0	-5614.8	6521	10.0	163417.4	-5620.0	6611	10.3	164429.8	-5604.3
6342	10.8	161335.3	-5636.9	6432	9.2	162323.0	-5625.8	6522	10.3	163420.6	-5655.6	6612	10.5	164502.0	-5621.3
6343	9.3	161406.9	-5648.0	6433	10.0	162329.7	-5618.8	6523	9.7	163446.9	-5650.6	6613	10.5	164504.0	-5658.0
6344	10.0	161408.2	-5655.0	6434	10.5	162331.0	-5646.4	6524	10.3	163453.7	-5603.1	6614	10.0	164505.4	-5641.0
6345	10.5	161413.2	-5604.5	6435	10.3	162332.0	-5645.4	6525	10.0	163459.3	-5628.1	6615	10.0	164506.6	-5632.0
6346	9.4	161418.1	-5655.0	6436	9.7	162339.3	-5616.8	6526	8.5	163500.8	-5655.6	6616	10.0	164515.0	-5659.0
6347	7.7	161433.8	-5643.0	6437	9.0	162349.1	-5621.8	6527	10.5	163502.2	-5608.1	6617	10.3	164523.2	-5649.0
6348	10.3	161445.3	-5618.5	6438	10.0	162350.3	-5624.8	6528	9.8	163514.3	-5610.1	6618	9.8	164534.3	-5622.3
6349	8.0	161447.3	-5601.5	6439	9.6	162422.2	-5644.4	6529	10.3	163536.9	-5655.7	6619	9.7	164602.6	-5631.2
6350	9.9	161448.5	-5623.5	6440	10.5	162424.3	-5632.6	6530	9.0	163537.9	-5643.7	6620	9.9	164613.9	-5630.4
6351	10.8	161503.9	-5621.5	6441	10.5	162432.3	-5642.4	6531	9.6	163545.1	-5613.1	6621	10.0	164632.0	-5602.4
6352	10.3	161504.5	-5642.0	6442	10.0	162444.8	-5643.4	6532	9.8	163545.2	-5631.9	6622	10.0	164636.1	-5654.1
6353	7.5	161506.2	-5612.5	6443	10.8	162456.8	-5626.8	6533	10.0	163554.4	-5655.7	6623	9.5	164637.5	-5622.4
6354	9.6	161529.0	-5607.5	6444	9.4	162456.9	-5630.6	6534	9.2	163606.6	-5603.1	6624	10.3	164640.4	-5656.1
6355	9.7	161533.5	-5640.0	6445	9.8	162500.0	-5629.6	6535	8.6	163617.1	-5643.7	6625	10.5	164643.4	-5631.1
6356	10.3	161535.1	-5656.0	6446	10.5	162518.7	-5650.5	6536	10.3	163630.9	-5650.7	6626	9.3	164735.5	-5641.1
6357	9.5	161538.8	-5641.0	6447	10.0	162525.0	-5633.6	6537	10.0	163634.5	-5636.7	6627	10.3	164738.5	-5649.1
6358	10.3	161545.1	-5637.0	6448	10.3	162526.7	-5659.5	6538	10.3	163644.3	-5638.7	6628	10.5	164746.9	-5632.4
6359	10.5	161547.1	-5618.5	6449	9.6	162528.4	-5656.5	6539	9.4	163647.4	-5607.1	6629	9.9	164750.9	-5631.2
6360	7.3	161609.2	-5635.2	6450	10.0	162553.2	-5645.5	6540	9.5	163648.1	-5637.7	6630	10.0	164802.8	-5627.4
6361	10.5	161613.3	-5621.5	6451	9.6	162559.1	-5645.5	6541	9.0	163650.1	-5608.1	6631	10.0	164828.7	-5613.4
6362	9.9	161614.6	-5637.0	6452	10.3	162600.6	-5639.5	6542	8.6	163651.5	-5651.7	6632	10.3	164838.9	-5645.1
6363	10.5	161619.3	-5650.0	6453	9.4	162602.1	-5647.5	6543	8.4	163654.5	-5646.7	6633	9.9	164918.2	-5609.4
6364	10.3	161630.6	-5621.5	6454	9.6	162620.5	-5633.1	6544	11.0	163656.7	-5628.1	6634	9.7	164930.5	-5612.4
6365	9.7	161633.9	-5640.0	6455	9.8	162622.4	-5635.2	6545	10.0	163706.3	-5630.9	6635	10.0	164932.2	-5654.2
6366	9.2	161635.8	-5635.2	6456	10.0	162629.7	-5641.5	6546	10.3	163707.8	-5603.2	6636	10.3	164943.1	-5657.2
6367	10.5	161638.0	-5606.5	6457	10.3	162630.2	-5618.7	6547	10.3	163712.9	-5641.7	6637	7.5	164950.6	-5624.5
6368	11.3	161658.9	-5613.6	6458	10.5	162644.1	-5616.9	6548	9.8	163719.5	-5635.7	6638	10.0	164951.7	-5626.8
6369	10.5	161704.2	-5649.1	6459	9.2	162649.6	-5617.7	6549	10.0	163741.3	-5635.7	6639	9.6	165001.6	-5603.5
6370	10.3	161725.1	-5647.1	6460	10.3	162656.0	-5613.9	6550	10.5	163758.0	-5659.8	6640	9.6	165009.6	-5607.5
6371	9.7	161733.2	-5619.6	6461	10.5	162658.3	-5616.9	6551	10.0	163758.0	-5650.8	6641	10.3	165016.2	-5654.2
6372	8.5	161735.0	-5616.6	6462	9.9	162701.2	-5626.9	6552	9.7	163801.1	-5653.8	6642	10.5	165022.2	-5616.3
6373	10.8	161743.0	-5629.6	6463	9.9	162704.3	-5635.8	6553	10.0	163806.7	-5633.8	6643	10.5	165022.9	-5651.2
6374	10.5	161744.9	-5627.6	6464	10.5	162730.9	-5615.9	6554	10.3	163812.0	-5645.8	6644	7.8	165031.0	-5617.5
6375	7.6	161757.6	-5655.1	6465	10.3	162734.3	-5607.9	6555	10.3	163814.9	-5641.8	6645	8.5	165032.2	-5602.5
6376	8.7	161803.6	-5645.1	6466	9.5	162742.0	-5612.9	6556	10.5	163814.9	-5606.1	6646	10.5	165036.0	-5646.2
6377	8.5	161814.7	-5606.6	6467	10.5	162745.6	-5607.5	6557	9.6	163824.9	-5622.1	6647	7.3	165041.6	-5621.5
6378	10.3	161815.9	-5643.1	6468	10.0	162748.3	-5659.6	6558	9.8	163832.1	-5601.3	6648	10.0	165121.1	-5616.5
6379	9.2	161817.1	-5647.1	6469	10.0	162754.1	-5630.8	6559	9.1	163835.7	-5601.1	6649	10.0	165127.0	-5652.2
6380	10.3	161818.9	-5642.1	6470	10.3	162801.0	-5633.6	6560	9.7	163835.7	-5614.1	6650	10.3	165148.7	-5612.5
6381	8.4	161819.3	-5623.6	6471	9.1	162801.8	-5611.9	6561	10.0	163842.4	-5655.8	6651	10.0	165149.8	-5645.2
6382	10.8	161834.4	-5632.0	6472	8.5	162807.5	-5640.6	6562	9.0	163842.7	-5612.1	6652	10.0	165153.3	-5654.3
6383	10.3	161835.9	-5635.1	6473	9.8	162823.9	-5630.9	6563	10.3	163843.6	-5646.8	6653	7.4	165201.8	-5629.0
6384	8.6	161844.0	-5624.6	6474	8.7	162825.4	-5651.6	6564	8.6	163845.4	-5614.1	6654	9.8	165207.4	-5653.3
6385	9.5	161849.6	-5653.1	6475	8.7	162827.5	-5640.6	6565	10.0	163845.7	-5647.8	6655	10.0	165218.8	-5655.3
6386	10.0	161849.6	-5637.1	6476	9.9	162848.6	-5604.9	6566	10.0	163847.1	-5654.8	6656	9.8	165225.1	-5655.3
6387	9.3	161855.9	-5624.5	6477	10.3	162907.2	-5653.7	6567	10.5	163855.8	-5658.8	6657	10.3	165234.5	-5657.3
6388	10.5	161909.2	-5657.2	6478	8.3	162915.0	-5620.9	6568	10.3	163908.0	-5640.8	6658	10.5	165238.1	-5644.3
6389	8.6	161915.7	-5630.4	6479	11.0	162916.0	-5606.9	6569	8.4	163909.2	-5635.5	6659	10.5	165241.5	-5603.5
6390	10.5	161924.7	-5601.6	6480	8.7	162917.9	-5640.8	6570	10.5	163912.3	-5644.8	6660	9.2	165245.9	-5642.3
6391	9.0	161935.6	-5617.6	6481	10.5	162921.4	-5603.9	6571	9.0	163912.8	-5604.2	6661	10.3	165255.7	-5656.3
6392	10.5	161935.9	-5650.2	6482	7.2	162923.8	-5644.7	6572	10.8	163922.7	-5615.2	6662	10.0	165302.5	-5629.3
6393	11.0	161940.7	-5604.6	6483	10.5	162926.0	-5632.9	6573	8.6	163926.3	-5601.2	6663	9.9	165306.8	-5634.0
6394	11.0	161953.6	-5612.7	6484	10.5	162929.2	-5622.5	6574	10.0	163928.3	-5614.2	6664	8.8	165326.2	-5655.3
6395	9.6	161958.6	-5605.7	6485	9.8	162934.9	-5634.6	6575	10.5	163939.3	-5610.2	6665	9.1	165331.0	-5619.0
6396	9.6	162002.6	-5617.7	6486	9.8	162938.8	-5645.5	6576	10.5	163956.5	-5602.2	6666	10.3	165404.4	-5644.3
6397	10.8	162002.7	-5611.7	6487	10.5	162959.2	-5645.5	6577	8.6	163958.6	-5626.2	6667	10.3	165404.4	-5633.3
6398	10.3	162016.3	-5658.2	6488	9.2	163010.2	-5608.9	6578	10.3	164001.8	-5630.0	6668	10.0	165410.8	-5634.3
6399	10.5	162025.6	-5655.2	6489	9.0	163015.1	-5640.5	6579	9.0	164014.0	-5610.7	6669	9.3	165425.1	-5621.6
6400	10.0	162026.6	-5656.2	6490	10.3	163019.5	-5655.5	6580	10.3	164022.5	-5643.9	6670	10.5	165429.1	-5635.3
6401	10.5	162030.4	-5615.7	6491	10.0	163047.2	-5607.9	6581	9.6	164039.6	-5630.6	6671	10.0	165431.0	-5617.6
6402	10.3	162038.4	-5634.2	6492	10.0	163050.7	-5615.9	6582	10.0	164050.7	-5605.2	6672	9.0	165433.0	-5604.6
6403	10.3	162041.8	-5632.0	6493	9.9	163054.8	-5615.0	6583	8.8	164100.9	-5648.9	6673	8.4	165441.8	-5653.3
6404	8.5	162046.6	-5612.7	6494	10.0	163108.4	-5638.5	6584	10.3	164104.5	-5636.9	6674	8.5	165505.9	-5654.3
6405	9.9	162047.6	-5626.7	6495	9.8	163122.5	-5627.0	6585	10.5	164117.9	-5641.9	6675	10.0	165508.1	-5604.6
6406	9.5	162053.3	-5655.3	6496	7.8	163132.2	-5639.5	6586	10.3	164119.9	-5646.9	6676	10.0	165513.7	-5628.6
6407	9.7	162108.0	-5616.2	6497	10.5	163138.4	-5656.5	6587	10.5	164120.4	-5634.0	6677	9.5	165514.9	-5639.4
6408	10.0	162134.5	-5624.7	6498	9.8	163141.8	-5645.5	6588	10.3	164131.6	-5623.2	6678	10.5	165516.1	-5627.6
6409	10.3	162146.9	-5616.7	6499	10.3	163142.3	-5631.8	6589	9.0	164139.6	-5626.2	6679	10.5	165534.7	-5651.4
6410	8.2	162147.4	-5658.3	6500	10.5	163156.4	-5627.0	6590	9.9	164141.0	-5634.0	6680	10.3	165539.1	-5652.4
6411	9.4	162152.2	-5657.3	6501	9.7	163159.4	-5625.0	6591	10.0	164152.5	-5653.9	6681	9.8	165545.0	-5624.6
6412	9.7	162202.4	-5639.3	6502	7.5	163207.0	-5632.8	6592	10.8	164152.5	-5604.2	6682	10.0	165545.4	-5619.6
6413	10.3	162211.7	-5638.3	6503	10.5	163210.4	-5600.0	6593	9.0	164204.8	-5636.1	6683	10.3	165549.3	-5647.4
6414	10.8	162213.7	-5627.7	6504	9.9	163219.4	-5622.0	6594	9.6	164219.7	-5638.9	6684	9.6	165550.2	-5629.6
6415	9.8	162214.3	-5647.3	6505	10.3	163228.3	-5605.0	6595	10.5	164221.3	-5626.2	6685	9.8	165557.1	-5610.6
6416	10.8	162223.4	-5630.7	6506	10.5	163237.1	-5635.6	6596	8.8	164253.5	-5647.9	6686	10.3	165611.0	-5642.4
6417	9.8	162224.8	-5643.3	6507	10.5	163239.7	-5605.0	6597	10.3	164255.5	-5641.9	6687	10.5	165613.0	-5603.7
6418	9.4	162227.6	-5634.0	6508	10.3	163242.2	-5657.6	6598	10.3	164258.6	-5655.9	6688	10.0	165632.3	-5644.4
6419	9.3	162228.0	-5618.7	6509	9.5	163309.6	-5637.6	6599	10.5	164259.8	-5652.9	6689	10.0	165633.1	-5608.7
6420	9.5	162232.9	-5624.7	6510	10.8	163309.9	-5615.0	6600	10.5	164315.2	-5647.0	6690	10.3	165639.9	-5657.4

6691	9.7	165645.1	-5618.6	6781	10.3	170815.6	-5654.8	6871	10.0	171905.8	-5609.8
6692	10.5	165651.3	-5631.4	6782	8.4	170834.8	-5612.3	6872	10.3	171912.3	-5637.2
6693	10.0	165655.1	-5613.8	6783	10.0	170857.6	-5658.8	6873	10.3	171913.7	-5643.2
6694	10.5	165718.9	-5622.6	6784	11.0	170910.2	-5622.3	6874	10.3	171918.2	-5645.2
6695	10.5	165737.0	-5649.4	6785	10.3	170916.5	-5653.8	6875	10.0	171927.4	-5632.8
6696	9.0	165741.0	-5658.4	6786	9.5	170924.4	-5612.3	6876	10.5	171927.4	-5633.8
6697	10.5	165749.3	-5639.4	6787	11.0	170928.6	-5628.3	6877	9.8	171929.9	-5638.0
6698	9.8	165751.1	-5603.6	6788	10.5	170940.1	-5622.4	6878	9.8	171931.3	-5637.2
6699	9.7	165758.4	-5631.6	6789	10.3	170946.7	-5654.8	6879	10.0	171931.6	-5621.9
6700	9.7	165802.2	-5620.7	6790	10.3	170950.7	-5621.4	6880	9.6	171947.5	-5658.2
6701	10.3	165810.7	-5631.5	6791	10.3	170954.7	-5647.9	6881	9.7	171953.8	-5625.9
6702	10.5	165816.7	-5641.5	6792	11.0	171006.8	-5602.4	6882	9.8	171957.4	-5656.2
6703	10.0	165818.8	-5624.7	6793	9.5	171009.5	-5617.4	6883	10.5	172009.1	-5608.9
6704	10.3	165840.6	-5632.1	6794	9.5	171012.7	-5618.4	6884	10.3	172009.7	-5644.2
6705	9.4	165849.6	-5621.7	6795	9.8	171015.5	-5628.4	6885	8.6	172010.7	-5645.2
6706	8.6	165855.6	-5639.5	6796	10.5	171034.6	-5634.9	6886	9.4	172019.1	-5630.9
6707	10.0	165858.5	-5614.8	6797	10.3	171036.3	-5645.9	6887	9.5	172025.0	-5612.9
6708	8.7	165924.0	-5606.8	6798	9.6	171053.7	-5654.9	6888	9.6	172025.7	-5614.9
6709	10.5	165925.5	-5658.5	6799	9.7	171056.5	-5621.4	6889	8.2	172026.7	-5655.2
6710	8.6	165933.0	-5642.5	6800	9.0	171059.1	-5620.4	6890	10.3	172028.8	-5640.2
6711	8.3	165936.0	-5616.8	6801	10.5	171116.0	-5607.4	6891	10.0	172032.4	-5658.2
6712	10.0	165957.4	-5602.8	6802	10.5	171119.5	-5614.4	6892	8.8	172043.7	-5638.2
6713	8.6	170009.4	-5659.5	6803	10.3	171121.8	-5635.6	6893	7.0	172047.3	-5648.3
6714	10.0	170010.2	-5604.8	6804	10.0	171122.4	-5654.9	6894	10.5	172050.1	-5633.9
6715	10.3	170012.7	-5642.5	6805	10.0	171130.8	-5632.5	6895	10.3	172054.3	-5651.3
6716	10.3	170015.2	-5648.5	6806	10.3	171146.6	-5637.9	6896	9.4	172054.7	-5622.9
6717	7.6	170043.7	-5631.2	6807	10.5	171152.1	-5647.9	6897	9.9	172059.5	-5631.1
6718	8.7	170046.2	-5656.5	6808	8.2	171200.5	-5610.5	6898	10.0	172108.6	-5659.3
6719	10.0	170055.2	-5656.5	6809	9.7	171202.1	-5653.0	6899	9.6	172119.5	-5639.3
6720	10.5	170107.3	-5629.6	6810	10.0	171203.8	-5653.0	6900	10.0	172122.0	-5650.3
6721	10.0	170108.3	-5623.9	6811	9.8	171206.1	-5631.8	6901	10.0	172145.3	-5613.0
6722	10.3	170109.4	-5601.9	6812	9.3	171215.4	-5617.5	6902	10.5	172151.7	-5607.0
6723	10.5	170117.9	-5621.9	6813	10.5	171225.7	-5637.0	6903	11.0	172205.6	-5620.0
6724	11.0	170122.6	-5613.9	6814	11.0	171226.1	-5633.5	6904	10.0	172211.7	-5635.3
6725	9.2	170125.1	-5640.6	6815	6.2	171235.7	-5623.5	6905	10.3	172214.9	-5603.0
6726	10.0	170130.3	-5649.6	6816	10.0	171241.7	-5650.0	6906	10.3	172216.6	-5636.0
6727	9.6	170131.9	-5648.6	6817	10.0	171243.3	-5647.0	6907	9.5	172235.2	-5658.3
6728	9.8	170155.2	-5634.0	6818	10.0	171253.0	-5634.5	6908	7.8	172240.3	-5611.0
6729	10.3	170200.7	-5601.0	6819	10.5	171257.2	-5653.0	6909	9.6	172243.8	-5656.3
6730	10.5	170204.4	-5634.6	6820	10.0	171259.0	-5600.5	6910	11.0	172246.3	-5601.0
6731	9.5	170208.7	-5631.8	6821	8.4	171309.1	-5643.0	6911	9.3	172252.3	-5655.3
6732	9.0	170210.9	-5614.2	6822	10.5	171310.8	-5650.0	6912	8.3	172303.2	-5621.0
6733	9.8	170230.1	-5652.6	6823	8.8	171327.8	-5624.5	6913	9.0	172314.2	-5645.3
6734	10.3	170231.1	-5644.6	6824	10.5	171334.5	-5607.6	6914	9.6	172336.5	-5604.1
6735	11.0	170255.6	-5602.0	6825	10.3	171337.6	-5635.6	6915	10.3	172339.6	-5630.4
6736	10.5	170300.3	-5621.0	6826	8.2	171338.1	-5653.0	6916	10.5	172339.6	-5640.4
6737	10.5	170303.1	-5631.6	6827	10.0	171338.8	-5608.6	6917	9.7	172344.0	-5613.1
6738	10.0	170319.2	-5647.6	6828	10.5	171340.4	-5632.3	6918	9.6	172344.0	-5631.1
6739	7.5	170321.1	-5637.6	6829	10.0	171347.1	-5634.0	6919	10.0	172347.2	-5629.1
6740	9.8	170321.9	-5659.6	6830	11.0	171349.5	-5622.6	6920	9.4	172354.1	-5633.2
6741	10.5	170323.1	-5619.0	6831	9.4	171403.3	-5621.6	6921	10.5	172355.8	-5607.1
6742	10.0	170323.1	-5601.0	6832	10.0	171405.6	-5616.6	6922	10.5	172356.9	-5608.1
6743	10.0	170326.5	-5612.1	6833	9.6	171409.9	-5634.6	6923	10.5	172418.5	-5637.4
6744	7.0	170340.1	-5644.6	6834	10.0	171415.1	-5636.0	6924	7.5	172419.6	-5648.4
6745	10.5	170410.8	-5610.1	6835	9.7	171435.8	-5603.6	6925	8.7	172428.4	-5653.4
6746	10.0	170413.0	-5643.7	6836	10.3	171438.2	-5655.0	6926	9.8	172429.4	-5659.4
6747	10.0	170415.0	-5600.1	6837	3.0	171453.3	-5614.6	6927	11.0	172445.6	-5608.1
6748	10.3	170418.4	-5620.1	6838	9.5	171459.8	-5625.6	6928	8.5	172507.1	-5615.1
6749	11.0	170421.5	-5603.1	6839	9.8	171506.5	-5635.0	6929	10.5	172521.8	-5621.1
6750	10.0	170427.0	-5622.1	6840	9.8	171521.5	-5627.6	6930	10.0	172523.1	-5602.1
6751	8.3	170446.0	-5655.7	6841	11.0	171522.2	-5628.6	6931	11.0	172526.4	-5611.1
6752	11.0	170451.1	-5602.1	6842	9.8	171525.0	-5631.8	6932	9.5	172530.2	-5649.4
6753	10.5	170456.3	-5609.1	6843	10.0	171537.6	-5630.1	6933	11.0	172541.3	-5630.2
6754	9.7	170456.9	-5643.7	6844	10.3	171544.7	-5602.7	6934	10.3	172549.4	-5635.4
6755	11.0	170502.5	-5606.1	6845	10.3	171546.0	-5647.1	6935	9.7	172603.3	-5651.5
6756	9.7	170503.1	-5655.7	6846	10.3	171600.1	-5624.7	6936	8.5	172608.6	-5613.2
6757	9.4	170513.5	-5609.1	6847	9.6	171605.0	-5632.4	6937	10.3	172608.9	-5657.5
6758	9.7	170530.3	-5612.2	6848	9.8	171610.6	-5634.9	6938	9.6	172623.9	-5651.5
6759	10.0	170600.3	-5602.2	6849	10.0	171625.1	-5605.7	6939	10.0	172626.0	-5611.2
6760	10.5	170602.5	-5629.2	6850	10.0	171630.3	-5627.7	6940	9.5	172634.7	-5621.2
6761	10.0	170607.7	-5639.7	6851	10.5	171636.0	-5608.7	6941	9.3	172656.2	-5606.2
6762	9.5	170622.3	-5627.2	6852	9.6	171640.3	-5628.7	6942	10.5	172720.6	-5649.5
6763	9.6	170622.7	-5630.7	6853	8.4	171641.0	-5659.1	6943	10.5	172721.3	-5610.2
6764	9.7	170624.7	-5620.2	6854	10.0	171644.2	-5610.7	6944	7.5	172729.9	-5643.5
6765	10.3	170626.4	-5656.7	6855	10.0	171654.5	-5609.7	6945	11.0	172730.7	-5604.3
6766	10.3	170636.6	-5620.2	6856	10.5	171704.3	-5616.7	6946	10.0	172753.0	-5610.3
6767	10.3	170647.0	-5634.7	6857	10.3	171710.1	-5625.7	6947	9.7	172754.1	-5601.3
6768	10.5	170708.7	-5612.2	6858	11.0	171713.5	-5623.7	6948	10.5	172754.1	-5619.3
6769	10.3	170713.3	-5616.2	6859	10.3	171723.1	-5636.1	6949	9.5	172803.8	-5603.3
6770	10.5	170716.1	-5600.2	6860	10.0	171743.0	-5627.8	6950	9.8	172806.4	-5607.3
6771	10.0	170716.7	-5601.2	6861	10.0	171744.1	-5628.8	6951	8.4	172829.2	-5612.3
6772	10.5	170719.7	-5656.8	6862	9.7	171746.8	-5634.4	6952	10.0	172831.7	-5635.5
6773	10.5	170725.5	-5627.2	6863	10.3	171751.2	-5638.1	6953	9.5	172839.1	-5621.3
6774	10.0	170728.6	-5600.2	6864	9.5	171753.6	-5627.8	6954	9.8	172850.8	-5606.3
6775	9.8	170730.5	-5605.2	6865	11.0	171758.8	-5602.8	6955	10.0	172852.9	-5639.5
6776	10.5	170734.6	-5641.8	6866	10.0	171810.4	-5649.2	6956	10.3	172854.3	-5638.5
6777	9.7	170736.2	-5652.8	6867	9.7	171813.0	-5609.8	6957	10.5	172855.0	-5601.3
6778	11.0	170742.4	-5617.2	6868	9.0	171834.0	-5609.8	6958	10.0	172902.1	-5659.5
6779	9.7	170756.3	-5648.8	6869	10.0	171856.0	-5612.8	6959	9.8	172909.4	-5605.3
6780	10.0	170815.5	-5604.3	6870	9.7	171859.5	-5629.8	6960	10.5	172911.2	-5615.3
6961	8.6	172912.6	-5648.2								
6962	10.8	172920.6	-5640.2								
6963	10.0	172931.7	-5628.4								
6964	11.0	172938.1	-5625.4								
6965	10.5	172946.6	-5648.3								
6966	9.5	172949.1	-5655.3								
6967	9.8	172954.1	-5642.3								
6968	9.5	173002.8	-5607.4								
6969	10.0	173005.5	-5618.4								
6970	11.0	173024.3	-5628.4								
6971	9.0	173026.1	-5648.3								
6972	10.5	173038.7	-5615.4								
6973	9.6	173039.4	-5633.8								
6974	9.0	173048.1	-5613.4								
6975	9.6	173053.6	-5654.3								
6976	9.7	173059.6	-5608.4								
6977	10.5	173059.6	-5631.4								
6978	10.5	173133.9	-5630.4								
6979	9.8	173139.1	-5619.4								
6980	11.0	173140.6	-5629.4								
6981	9.8	173142.4	-5636.9								
6982	9.7	173146.8	-5635.4								
6983	10.0	173151.0	-5621.5								
6984	10.5	173151.0	-5605.5								
6985	9.6	173210.6	-5634.0								
6986	10.0	173213.1	-5602.5								
6987	10.5	173214.5	-5609.5								
6988	9.8	173218.3	-5639.4								
6989	10.3	173227.3	-5659.4								
6990	10.0	173229.7	-5624.5								
6991	10.0	173234.3	-5619.5								
6992	9.8	173244.3	-5645.4								
6993	10.0	173248.8	-5600.5								
6994	7.0	173253.1	-5657.4								
6995	9.7	173254.1	-5605.5								
6996	10.0	173257.2	-5630.5								
6997	9.7	173258.7	-5604.5								
6998	10.5	173301.3	-5615.5								
6999	9.3	173308.1	-5614.5								
7000	8.2	173323.2	-5617.5								
7001	10.5	173328.8	-5653.4								
7002	10.3	173339.2	-5659.0								
7003	10.5	173348.8	-5634.6								
7004	9.8	173352.7	-5621.6								
7005	9.0	173352.8	-5645.5								
7006	10.3	173412.9	-5602.6								
7007	9.2	173418.8	-5646.5								
7008	11.0	173426.2	-5611.6								
7009	10.5	173430.2	-5629.6								
7010	10.0	173431.3	-5630.6								
7011	9.8	173436.2	-5614.6								
7012	10.3	173438.1	-5612.6								
7013	11.0	173440.2	-5613.6								
7014	10.3	173445.6	-5636.0								
7015	10.0	173451.0	-5649.5								
7016	9.4	173508.5	-5649.9								
7017	9.8	173509.1	-5600.6								
7018	11.0	173512.1	-5613.6								
7019	9.8	173520.8	-5605.6								
7020	10.0	173527.1	-5627.6								
7021	10.5	173530.6	-5629.6								
7022	9.8	173533.1	-5659.5								
7023	10.0	173539.9	-5623.6								
7024	9.4	173542.4	-5601.6								
7025	10.0	173547.7	-5622.6								
7026	10.0	173548.8	-5616.6								
7027	10.0	173550.2	-5615.6								
7028	10.3	173552.8	-5626.6								
7029	11.0	173602.9	-5606.7								
7030	10.0	173605.2	-5601.7								
7031	10.0	173606.2	-5602.7								
7032	10.3	173610.9	-5603.7								
7033	10.0	173618.5	-5604.7								
7034	10.0	173632.2	-5628.7								
7035	10.0	173640.7	-5633.7								
7036	9.7	173641.8	-5602.7								
7037	8.4	173701.5	-5606.7								
7038	11.0	173706.6	-5629.7								
7039	9.3	173719.5	-5632.7								
7040	9.8	173725.5	-5645.6								
7041	10.3	173733.9	-5635.7								
7042	9.4	173736.5	-5649.6								
7043	10.0	173745.8	-5615.7								
7044	9.4	173754.0	-5644.6								
7045	9.3	173810.5	-5649.6								
7046	10.5	173815.0	-5628.8								
7047	10.3	173816.2	-5629.8								
7048	11.0	173828.4	-5608.8								
7049	10.0	173842.2	-5613.8								
7050	9.7	173859.0	-5603.8								

7051	10.3	173914.0	-5638.7	7141	10.3	175110.9	-5646.6	7231	9.5	180303.3	-5656.0	7321	9.1	181452.0	-5644.0
7052	10.0	173922.7	-5616.8	7142	10.0	175137.8	-5654.6	7232	9.8	180311.9	-5643.0	7322	10.3	181454.5	-5648.0
7053	10.0	173932.2	-5629.8	7143	10.3	175158.1	-5659.6	7233	10.3	180312.8	-5613.9	7323	8.5	181501.0	-5614.3
7054	10.3	173946.0	-5633.7	7144	10.5	175209.8	-5637.6	7234	9.5	180320.3	-5638.9	7324	10.5	181511.5	-5642.0
7055	9.3	173951.9	-5632.2	7145	10.8	175214.0	-5606.4	7235	10.0	180337.5	-5640.0	7325	8.8	181517.6	-5628.6
7056	9.6	174015.7	-5615.8	7146	11.0	175220.9	-5624.4	7236	9.9	180349.5	-5607.9	7326	10.0	181519.0	-5622.3
7057	10.5	174017.3	-5605.8	7147	9.2	175225.8	-5614.0	7237	9.7	180356.6	-5603.9	7327	10.5	181537.4	-5636.0
7058	10.5	174026.0	-5652.7	7148	8.3	175229.8	-5603.4	7238	10.3	180400.9	-5659.0	7328	10.8	181538.2	-5613.3
7059	10.3	174055.5	-5657.7	7149	10.3	175230.1	-5647.6	7239	9.7	180413.8	-5653.1	7329	10.3	181602.9	-5633.2
7060	9.7	174100.3	-5608.9	7150	8.8	175236.9	-5606.4	7240	10.8	180431.0	-5634.5	7330	10.3	181609.6	-5624.3
7061	9.7	174133.2	-5602.9	7151	9.3	175305.0	-5629.6	7241	9.8	180431.0	-5639.6	7331	7.6	181647.0	-5601.3
7062	10.5	174135.3	-5609.9	7152	7.6	175309.3	-5615.5	7242	10.5	180432.8	-5630.0	7332	9.2	181704.0	-5636.1
7063	11.0	174140.7	-5633.9	7153	10.0	175317.0	-5653.6	7243	9.2	180520.5	-5643.1	7333	10.5	181722.7	-5657.1
7064	10.3	174142.5	-5646.7	7154	10.8	175336.3	-5629.5	7244	10.8	180522.3	-5625.0	7334	10.8	181726.9	-5629.3
7065	10.3	174151.0	-5646.8	7155	9.6	175345.1	-5604.5	7245	10.5	180523.7	-5605.0	7335	10.0	181741.8	-5605.3
7066	10.0	174201.1	-5601.9	7156	8.4	175345.7	-5638.7	7246	9.7	180526.3	-5630.0	7336	10.0	181745.6	-5617.3
7067	10.0	174205.0	-5608.9	7157	9.1	175354.0	-5619.0	7247	7.3	180529.6	-5640.1	7337	9.9	181746.4	-5635.1
7068	7.1	174219.1	-5606.9	7158	10.3	175406.0	-5651.7	7248	8.8	180533.2	-5620.0	7338	10.3	181750.7	-5608.3
7069	10.3	174224.6	-5602.9	7159	9.0	175416.8	-5610.5	7249	10.3	180537.9	-5610.0	7339	10.8	181751.9	-5640.1
7070	9.7	174244.0	-5654.8	7160	10.5	175425.5	-5622.0	7250	9.3	180614.0	-5650.1	7340	9.8	181753.4	-5612.4
7071	10.8	174245.6	-5621.9	7161	9.4	175432.0	-5633.1	7251	9.3	180620.1	-5635.0	7341	10.5	181758.4	-5632.2
7072	10.3	174303.5	-5642.8	7162	10.3	175448.5	-5651.7	7252	10.8	180626.9	-5620.0	7342	10.0	181759.0	-5649.1
7073	11.5	174311.8	-5626.9	7163	10.3	175449.1	-5644.7	7253	10.8	180629.3	-5613.0	7343	11.0	181800.6	-5651.1
7074	9.7	174313.5	-5658.8	7164	10.0	175449.2	-5639.7	7254	9.1	180629.8	-5630.0	7344	10.3	181830.7	-5602.4
7075	10.0	174314.0	-5643.8	7165	9.7	175455.7	-5639.7	7255	8.5	180634.1	-5648.1	7345	9.9	181852.9	-5636.1
7076	10.5	174321.5	-5604.9	7166	10.3	175524.1	-5612.6	7256	6.3	180635.7	-5604.0	7346	9.8	181911.4	-5639.2
7077	9.9	174325.3	-5600.4	7167	11.8	175524.1	-5615.6	7257	10.5	180640.6	-5650.1	7347	10.5	181919.1	-5650.2
7078	9.8	174327.7	-5606.9	7168	8.0	175525.7	-5649.7	7258	10.5	180646.3	-5612.5	7348	10.5	181931.8	-5643.5
7079	11.5	174331.3	-5613.9	7169	10.3	175536.5	-5651.7	7259	10.5	180656.3	-5618.5	7349	11.0	181942.9	-5635.2
7080	11.3	174331.5	-5619.9	7170	10.3	175538.5	-5652.7	7260	10.5	180703.0	-5621.5	7350	10.3	181952.9	-5620.4
7081	9.2	174332.0	-5646.8	7171	10.8	175541.4	-5624.6	7261	10.8	180714.2	-5634.6	7351	10.3	182015.0	-5641.2
7082	10.8	174342.3	-5638.9	7172	10.3	175609.0	-5659.8	7262	7.5	180715.1	-5630.9	7352	9.3	182016.8	-5602.4
7083	10.0	174406.4	-5654.3	7173	10.8	175633.9	-5620.6	7263	11.0	180733.7	-5627.6	7353	10.5	182021.0	-5604.4
7084	11.0	174409.2	-5611.9	7174	10.5	175639.0	-5621.6	7264	9.8	180734.0	-5645.2	7354	10.3	182023.0	-5644.4
7085	10.3	174424.4	-5654.3	7175	10.5	175642.4	-5606.6	7265	9.0	180739.8	-5620.6	7355	10.8	182028.2	-5631.4
7086	10.5	174424.8	-5612.9	7176	10.0	175643.5	-5650.8	7266	11.0	180740.9	-5613.6	7356	9.4	182039.1	-5651.2
7087	10.0	174429.6	-5651.3	7177	11.0	175657.0	-5608.6	7267	9.8	180742.2	-5603.6	7357	11.0	182051.9	-5613.4
7088	12.0	174430.2	-5613.9	7178	11.3	175703.0	-5606.6	7268	9.9	180801.5	-5632.2	7358	8.6	182055.9	-5633.0
7089	11.3	174440.2	-5620.1	7179	11.0	175704.2	-5602.6	7269	9.9	180802.8	-5604.6	7359	10.3	182103.0	-5648.2
7090	10.8	174441.4	-5633.1	7180	10.5	175710.1	-5645.8	7270	10.5	180808.8	-5618.6	7360	8.9	182109.0	-5637.2
7091	10.0	174443.7	-5632.3	7181	10.0	175742.1	-5645.8	7271	9.7	180813.3	-5604.6	7361	8.6	182136.3	-5655.2
7092	11.3	174445.4	-5609.1	7182	9.6	175744.0	-5646.8	7272	10.8	180838.3	-5607.6	7362	9.5	182138.4	-5609.4
7093	10.0	174453.9	-5652.3	7183	10.5	175752.6	-5648.8	7273	9.8	180841.7	-5622.6	7363	9.0	182148.8	-5625.4
7094	8.6	174454.9	-5616.1	7184	10.3	175752.7	-5635.8	7274	10.3	180847.5	-5642.7	7364	9.9	182150.2	-5609.4
7095	11.0	174506.4	-5606.1	7185	11.0	175753.6	-5636.2	7275	10.8	180859.9	-5626.6	7365	8.3	182224.7	-5644.3
7096	9.8	174514.0	-5649.4	7186	10.3	175805.6	-5646.8	7276	9.2	180909.4	-5601.6	7366	11.0	182234.2	-5633.8
7097	9.0	174522.5	-5649.4	7187	10.5	175813.5	-5610.7	7277	9.9	180910.0	-5624.6	7367	11.0	182236.1	-5619.4
7098	11.0	174537.8	-5624.1	7188	10.3	175816.1	-5647.8	7278	9.3	180922.3	-5614.6	7368	10.8	182236.8	-5612.4
7099	10.0	174540.5	-5644.4	7189	10.0	175835.2	-5638.8	7279	7.1	180947.0	-5615.6	7369	10.5	182239.7	-5635.4
7100	10.8	174549.3	-5626.1	7190	9.3	175837.1	-5620.7	7280	8.6	180949.8	-5647.8	7370	10.5	182240.0	-5642.3
7101	11.0	174607.5	-5614.1	7191	10.5	175841.	-5634.7	7281	10.5	180950.6	-5651.8	7371	10.5	182303.4	-5607.4
7102	10.3	174609.0	-5648.4	7192	10.3	175842.5	-5657.9	7282	9.7	181001.8	-5630.7	7372	10.5	182306.0	-5616.4
7103	10.3	174613.9	-5654.4	7193	9.8	175845.6	-5613.2	7283	7.9	181007.2	-5657.8	7373	10.3	182307.5	-5647.3
7104	8.8	174619.6	-5638.0	7194	10.8	175900.5	-5609.7	7284	11.0	181009.4	-5601.6	7374	10.0	182329.5	-5646.3
7105	9.3	174632.8	-5639.4	7195	10.0	175911.6	-5635.3	7285	10.3	181011.8	-5612.6	7375	9.4	182330.5	-5642.3
7106	11.0	174637.3	-5619.2	7196	10.0	175912.2	-5636.9	7286	8.5	181016.0	-5640.8	7376	10.5	182333.2	-5631.3
7107	11.0	174658.0	-5619.2	7197	8.9	175917.8	-5624.7	7287	10.5	181022.5	-5652.8	7377	11.3	182345.7	-5604.4
7108	10.3	174700.5	-5634.4	7198	11.3	175920.5	-5611.7	7288	9.4	181023.0	-5611.6	7378	9.6	182349.8	-5631.9
7109	6.5	174702.6	-5652.4	7199	10.3	175921.5	-5628.7	7289	10.5	181034.9	-5614.6	7379	9.5	182355.4	-5615.4
7110	10.3	174725.7	-5644.4	7200	11.0	175932.2	-5628.7	7290	10.5	181039.3	-5648.8	7380	10.5	182411.2	-5633.4
7111	11.0	174727.7	-5605.2	7201	9.3	175933.3	-5634.7	7291	11.5	181045.9	-5619.6	7381	9.5	182417.1	-5656.4
7112	9.9	174741.2	-5613.2	7202	9.8	175935.3	-5633.8	7292	8.9	181050.9	-5626.6	7382	10.0	182425.5	-5650.4
7113	11.5	174741.2	-5620.2	7203	10.0	175936.5	-5607.8	7293	9.6	181051.2	-5632.4	7383	9.8	182428.6	-5656.4
7114	11.3	174741.2	-5605.2	7204	10.3	175938.7	-5627.8	7294	9.7	181059.9	-5624.6	7384	9.8	182445.5	-5643.4
7115	10.3	174743.5	-5639.4	7205	9.9	175944.0	-5610.8	7295	9.3	181101.8	-5659.8	7385	11.0	182452.9	-5633.9
7116	11.3	174756.9	-5604.2	7206	10.3	175958.6	-5656.9	7296	10.3	181104.9	-5607.6	7386	10.5	182453.6	-5628.9
7117	9.6	174758.8	-5612.2	7207	9.5	175958.8	-5624.8	7297	9.6	181105.8	-5628.6	7387	10.5	182455.4	-5623.9
7118	11.5	174800.1	-5624.2	7208	10.8	180009.2	-5619.8	7298	10.5	181132.6	-5631.3	7388	10.5	182501.8	-5633.4
7119	10.8	174801.1	-5630.2	7209	9.7	180011.3	-5612.8	7299	10.5	181233.6	-5633.8	7389	10.5	182526.6	-5612.4
7120	9.8	174829.1	-5652.5	7210	9.4	180014.9	-5611.8	7300	8.9	181237.0	-5640.8	7390	9.8	182536.5	-5600.4
7121	11.5	174830.8	-5628.2	7211	10.8	180017.5	-5620.8	7301	9.6	181240.7	-5624.3	7391	9.5	182547.9	-5639.5
7122	11.3	174834.8	-5639.3	7212	10.8	180024.1	-5604.8	7302	9.6	181242.2	-5621.3	7392	10.5	182557.3	-5654.5
7123	11.0	174841.2	-5627.3	7213	8.6	180032.6	-5607.8	7303	10.5	181245.1	-5655.8	7393	8.7	182558.7	-5606.5
7124	10.3	174855.8	-5638.5	7214	9.7	180037.6	-5624.8	7304	10.0	181301.4	-5634.8	7394	8.5	182601.6	-5624.5
7125	9.9	174857.7	-5629.3	7215	9.6	180041.8	-5609.8	7305	9.8	181302.0	-5641.8	7395	6.9	182609.6	-5619.5
7126	9.5	174901.8	-5635.9	7216	10.8	180048.3	-5611.8	7306	10.8	181310.1	-5650.8	7396	9.6	182619.0	-5607.5
7127	9.6	174904.1	-5602.3	7217	9.7	180051.3	-5637.9	7307	10.5	181312.4	-5612.3	7397	9.4	182624.5	-5649.5
7128	7.5	174904.1	-5614.3	7218	10.8	180051.5	-5626.8	7308	8.7	181318.2	-5602.9	7398	11.0	182642.6	-5604.5
7129	10.5	174904.3	-5622.9	7219	11.0	180110.1	-5626.8	7309	10.8	181326.7	-5630.8	7399	9.6	182722.6	-5600.5
7130	9.8	174911.1	-5655.5	7220	11.0	180112.9	-5614.8	7310	10.3	181328.4	-5638.8	7400	10.8	182741.6	-5657.5
7131	10.5	174940.2	-5649.5	7221	7.3	180115.7	-5624.8	7311	11.0	181337.2	-5627.3	7401	10.5	182746.5	-5641.6
7132	7.5	174950.6	-5655.5	7222	10.3	180117.9	-5646.9	7312	9.7	181342.2	-5622.8	7402	10.8	182748.9	-5621.5
7133	9.4	174959.2	-5620.3	7223	7.7	180126.4	-5626.8	7313	11.0	181348.2	-5648.8	7403	8.8	182749.3	-5631.5
7134	10.8	175000.2	-5630.4	7224	10.3	180143.6	-5652.0	7314	9.7	181350.8	-5622.3	7404	9.8	182759.6	-5607.5
7135	9.6	175008.5	-5615.3	7225	10.5	180156.0	-5646.0	7315	9.7	181409.8	-5608.5	7405	10.8	182801.5	-5649.6
7136	11.0	175017.6	-5623.3	7226	10.3	180203.1	-5652.0	7316	10.5	181414.9	-5636.0	7406	10.3	182832.4	-5634.0
7137	10.3	175043.6	-5629.4	7227	10.5	180229.2	-5634.4	7317	10.5	181422.8	-5602.3	7407	9.9	182849.0	-5620.5
7138	10.3	175052.6	-5631.6	7228	10.3	180230.9	-5631.9	7318	10.8	181428.8	-5615.3	7408	10.5	182856.0	-5646.6
7139	10.0	175058.1	-5611.4	7229	10.8	180246.8	-5602.9	7319	10.3	181432.9	-5613.8	7409	10.5	182857.4	-5656.6
7140	10.3	175058.8	-5656.6	7230	10.8	180302.8	-5614.9	7320	10.3	181433.0	-5602.3	7410	11.0	182858.7	-5630.5

-56 7411 18h29m

-56 7770 19h25m

7411	11.3	182905.3	-5607.5	7501	10.3	184000.1	-5622.5	7591	11.0	185359.8	-5633.6
7412	9.2	182908.1	-5615.5	7502	9.8	184004.3	-5653.1	7592	11.3	185420.2	-5649.7
7413	10.5	182918.5	-5646.7	7503	9.6	184005.2	-5644.1	7593	10.3	185427.2	-5636.3
7414	10.8	182920.1	-5656.7	7504	10.5	184021.2	-5607.5	7594	10.3	185431.6	-5609.7
7415	9.5	182939.9	-5658.7	7505	10.5	184022.8	-5608.5	7595	10.5	185432.8	-5639.7
7416	10.8	182941.8	-5623.5	7506	9.0	184030.2	-5613.5	7596	9.8	185500.8	-5614.7
7417	9.5	182944.0	-5643.7	7507	10.0	184103.3	-5608.5	7597	9.7	185507.8	-5616.7
7418	9.2	182948.1	-5624.5	7508	11.0	184106.7	-5642.1	7598	9.9	185539.3	-5654.7
7419	10.0	183001.6	-5654.7	7509	9.9	184109.2	-5641.1	7599	11.3	185606.5	-5657.7
7420	10.8	183005.6	-5650.7	7510	8.3	184119.8	-5652.2	7600	11.0	185637.1	-5601.7
7421	10.8	183010.9	-5636.7	7511	11.0	184131.9	-5603.5	7601	9.7	185641.2	-5600.7
7422	9.9	183018.6	-5652.7	7512	11.0	184152.0	-5650.2	7602	9.6	185646.3	-5619.7
7423	7.5	183022.7	-5612.5	7513	10.0	184213.2	-5647.2	7603	10.3	185701.2	-5622.7
7424	10.8	183025.6	-5602.5	7514	10.5	184215.1	-5612.5	7604	11.0	185701.3	-5656.8
7425	10.0	183032.6	-5652.7	7515	9.5	184217.1	-5609.5	7605	10.3	185710.8	-5625.7
7426	9.9	183033.4	-5659.7	7516	9.2	184227.1	-5638.2	7606	9.8	185732.6	-5627.7
7427	11.0	183041.4	-5601.5	7517	10.5	184234.8	-5659.2	7607	10.8	185754.7	-5657.8
7428	9.6	183056.4	-5615.5	7518	9.2	184245.1	-5637.2	7608	9.4	185802.1	-5629.7
7429	10.8	183058.4	-5619.5	7519	10.5	184254.6	-5624.5	7609	10.8	185828.6	-5639.8
7430	9.8	183127.6	-5619.5	7520	10.5	184306.5	-5655.2	7610	10.5	185835.9	-5640.8
7431	10.8	183129.2	-5651.7	7521	10.5	184324.5	-5653.2	7611	7.9	185848.2	-5600.7
7432	10.8	183131.1	-5613.0	7522	11.0	184333.9	-5607.6	7612	10.5	185853.0	-5650.8
7433	10.5	183137.0	-5619.5	7523	9.3	184336.0	-5616.6	7613	9.7	185901.9	-5640.8
7434	9.3	183141.3	-5656.8	7524	10.0	184347.1	-5629.6	7614	10.8	185909.6	-5657.8
7435	11.0	183148.6	-5658.8	7525	10.0	184347.1	-5601.6	7615	10.3	185926.6	-5633.3
7436	10.0	183155.9	-5600.5	7526	10.0	184357.4	-5601.6	7616	10.0	185930.8	-5610.7
7437	9.4	183158.7	-5600.5	7527	10.0	184409.3	-5634.2	7617	10.0	185931.9	-5603.7
7438	10.8	183203.3	-5619.5	7528	9.7	184417.9	-5604.6	7618	10.0	185940.2	-5617.7
7439	10.5	183208.5	-5657.8	7529	10.0	184424.6	-5610.6	7619	10.0	185941.4	-5629.7
7440	10.5	183218.1	-5652.8	7530	9.8	184432.3	-5637.3	7620	9.3	185944.6	-5656.9
7441	8.6	183221.4	-5638.8	7531	10.8	184439.8	-5639.3	7621	10.3	185959.5	-5644.9
7442	8.8	183234.4	-5624.5	7532	10.0	184440.9	-5617.6	7622	7.6	190012.3	-5657.9
7443	10.8	183239.6	-5652.8	7533	10.3	184501.0	-5654.3	7623	9.8	190017.5	-5641.9
7444	11.0	183239.8	-5618.5	7534	10.8	184508.0	-5632.4	7624	9.4	190029.6	-5613.7
7445	9.6	183243.4	-5605.5	7535	11.0	184509.9	-5624.6	7625	8.0	190029.7	-5623.1
7446	9.8	183243.7	-5638.8	7536	7.0	184515.6	-5634.4	7626	9.2	190041.4	-5635.7
7447	10.8	183244.6	-5606.5	7537	9.8	184517.3	-5658.3	7627	9.6	190048.1	-5611.7
7448	10.5	183310.3	-5636.8	7538	9.9	184522.3	-5655.3	7628	10.0	190054.7	-5630.7
7449	10.5	183313.5	-5634.8	7539	8.5	184536.1	-5641.3	7629	7.5	190056.6	-5630.7
7450	10.5	183321.5	-5649.8	7540	10.0	184545.7	-5621.6	7630	8.9	190103.1	-5654.1
7451	7.8	183323.7	-5629.5	7541	8.0	184554.0	-5601.6	7631	10.0	190114.1	-5644.9
7452	10.0	183329.0	-5602.5	7542	11.0	184554.0	-5602.6	7632	10.0	190117.0	-5615.4
7453	10.3	183341.5	-5647.8	7543	10.8	184609.9	-5643.3	7633	10.0	190119.6	-5649.1
7454	11.0	183345.1	-5620.5	7544	10.8	184616.3	-5639.3	7634	10.0	190140.8	-5615.2
7455	10.5	183348.6	-5634.2	7545	11.3	184624.5	-5653.3	7635	8.9	190146.0	-5649.0
7456	11.0	183349.6	-5624.5	7546	8.7	184704.7	-5608.6	7636	10.0	190146.7	-5621.7
7457	11.0	183352.2	-5635.8	7547	10.5	184715.7	-5604.6	7637	9.6	190200.6	-5655.8
7458	10.0	183352.6	-5616.5	7548	8.4	184721.3	-5617.6	7638	10.0	190205.8	-5604.7
7459	10.8	183353.6	-5617.5	7549	10.0	184721.3	-5604.6	7639	10.0	190213.0	-5621.2
7460	10.5	183359.6	-5611.9	7550	10.0	184740.5	-5629.6	7640	10.0	190218.7	-5606.7
7461	10.3	183414.4	-5633.0	7551	10.8	184753.0	-5655.4	7641	10.0	190219.6	-5652.0
7462	11.0	183414.5	-5654.9	7552	11.0	184757.0	-5643.4	7642	10.0	190248.1	-5652.0
7463	9.4	183415.6	-5613.5	7553	10.0	184806.1	-5604.6	7643	9.7	190317.0	-5650.3
7464	10.8	183420.0	-5638.9	7554	9.8	184808.8	-5602.6	7644	9.6	190323.6	-5658.0
7465	8.8	183434.9	-5637.9	7555	10.5	184812.3	-5645.4	7645	9.0	190339.3	-5645.0
7466	9.0	183439.6	-5619.5	7556	10.0	184819.4	-5619.6	7646	10.0	190346.8	-5645.0
7467	6.5	183447.1	-5659.9	7557	11.0	184824.5	-5651.4	7647	10.0	190351.1	-5626.7
7468	10.8	183448.6	-5649.9	7558	9.4	184836.8	-5632.5	7648	10.0	190408.8	-5604.7
7469	8.8	183454.0	-5624.5	7559	10.8	184837.3	-5649.4	7649	9.9	190415.3	-5630.7
7470	10.3	183515.9	-5659.9	7560	11.0	184916.5	-5657.5	7650	9.9	190430.9	-5640.1
7471	9.3	183529.5	-5654.9	7561	8.4	184931.4	-5649.5	7651	9.9	190431.8	-5646.1
7472	10.8	183537.9	-5637.9	7562	9.8	184947.9	-5641.5	7652	9.4	190442.2	-5600.0
7473	9.7	183548.6	-5607.5	7563	11.0	185003.5	-5642.5	7653	9.1	190500.8	-5615.7
7474	11.0	183557.6	-5614.5	7564	9.0	185008.2	-5623.6	7654	10.0	190508.8	-5634.3
7475	10.0	183559.2	-5619.5	7565	10.0	185019.5	-5606.6	7655	9.0	190511.3	-5614.8
7476	10.5	183616.8	-5635.2	7566	9.8	185028.6	-5602.6	7656	10.0	190532.4	-5656.1
7477	9.8	183626.8	-5614.5	7567	9.2	185041.9	-5643.5	7657	10.0	190533.8	-5645.6
7478	11.0	183631.1	-5651.9	7568	10.5	185050.0	-5612.6	7658	10.0	190540.4	-5652.1
7479	11.0	183639.4	-5633.5	7569	10.5	185105.0	-5632.6	7659	9.9	190550.7	-5638.4
7480	10.3	183647.7	-5607.5	7570	9.7	185110.7	-5609.6	7660	10.0	190607.8	-5634.6
7481	10.5	183659.5	-5650.0	7571	10.8	185113.2	-5636.5	7661	8.7	190612.2	-5635.4
7482	11.0	183710.9	-5626.5	7572	9.7	185115.5	-5655.5	7662	8.1	190627.0	-5633.5
7483	10.3	183731.6	-5634.2	7573	9.7	185136.9	-5648.5	7663	8.5	190631.6	-5608.8
7484	9.6	183734.3	-5610.5	7574	10.5	185150.5	-5609.6	7664	8.4	190656.2	-5613.8
7485	10.8	183758.9	-5612.5	7575	11.5	185200.1	-5648.6	7665	10.0	190712.2	-5632.8
7486	8.9	183809.4	-5637.0	7576	11.0	185202.9	-5645.6	7666	10.0	190719.2	-5605.8
7487	11.0	183823.0	-5611.5	7577	9.5	185203.4	-5640.6	7667	10.0	190731.6	-5658.0
7488	8.3	183823.4	-5635.8	7578	10.0	185207.2	-5603.7	7668	10.0	190748.5	-5613.8
7489	11.0	183826.0	-5644.0	7579	10.5	185220.8	-5633.7	7669	9.9	190820.0	-5613.8
7490	10.0	183842.0	-5642.0	7580	9.7	185228.5	-5651.6	7670	7.1	190820.7	-5621.8
7491	10.0	183843.2	-5641.0	7581	10.8	185248.8	-5657.6	7671	10.0	190838.8	-5653.2
7492	10.5	183843.2	-5629.0	7582	10.0	185252.7	-5614.7	7672	10.0	190849.3	-5650.2
7493	10.3	183845.1	-5616.5	7583	10.0	185304.3	-5605.7	7673	9.8	190859.9	-5638.0
7494	10.3	183845.8	-5630.0	7584	11.0	185310.7	-5609.7	7674	9.0	190904.8	-5650.6
7495	10.8	183905.3	-5659.0	7585	8.5	185315.5	-5629.7	7675	8.2	190915.2	-5633.8
7496	9.2	183920.6	-5629.8	7586	10.0	185315.5	-5609.7	7676	10.0	190922.6	-5613.8
7497	9.4	183926.0	-5634.8	7587	10.0	185319.2	-5614.7	7677	10.0	190931.3	-5645.5
7498	10.3	183938.0	-5624.0	7588	10.0	185320.7	-5621.7	7678	9.9	190951.3	-5650.8
7499	11.0	183951.2	-5647.1	7589	10.0	185328.1	-5615.7	7679	9.9	191016.3	-5634.8
7500	10.8	183958.2	-5648.1	7590	10.0	185331.0	-5622.7	7680	10.0	191030.5	-5600.8
7681	10.0	191053.9	-5641.3								
7682	8.1	191100.0	-5611.8								
7683	10.0	191111.7	-5636.3								
7684	9.8	191112.3	-5647.3								
7685	9.3	191117.6	-5649.5								
7686	9.5	191153.3	-5647.4								
7687	9.9	191201.6	-5653.4								
7688	10.0	191204.7	-5622.8								
7689	9.7	191207.0	-5642.9								
7690	10.0	191219.5	-5617.4								
7691	8.4	191228.4	-5637.0								
7692	10.0	191237.0	-5649.4								
7693	9.8	191319.6	-5640.4								
7694	7.4	191320.6	-5609.8								
7695	9.3	191320.6	-5654.4								
7696	10.0	191320.6	-5656.4								
7697	9.8	191323.9	-5645.4								
7698	7.4	191409.0	-5607.8								
7699	10.0	191409.6	-5629.8								
7700	10.0	191417.7	-5631.7								
7701	10.0	191426.4	-5628.8								
7702	9.7	191433.8	-5621.6								
7703	9.9	191442.0	-5618.8								
7704	7.8	191450.0	-5624.8								
7705	8.4	191507.6	-5659.0								
7706	9.9	191520.5	-5607.8								
7707	8.3	191533.5	-5611.8								
7708	9.9	191534.0	-5648.5								
7709	9.8	191610.9	-5658.7								
7710	10.0	191617.1	-5639.5								
7711	9.9	191619.7	-5640.3								
7712	9.8	191620.8	-5656.8								
7713	9.5	191633.0	-5642.0								
7714	10.0	191637.5	-5647.6								
7715	9.8	191638.5	-5643.6								
7716	10.0	191643.4	-5652.8								
7717	10.0	191644.9	-5620.8								
7718	8.3	191650.0	-5644.2								
7719	10.3	191654.1	-5630.6								
7720	9.7	191710.1	-5627.0								
7721	8.5	191713.7	-5610.8								
7722	9.9	191716.6	-5653.9								
7723	10.0	191735.6	-5609.8								
7724	10.0	191739.6	-5605.8								
7725	11.5	191758.4	-5635.9								
7726	11.0	191815.8	-5646.9								
7727	7.7	191825.7	-5620.9								
7728	9.8	191849.5	-5618.9								
7729	11.0	191900.1	-5631.9								
7730	9.0	191903.1	-5648.7								
7731	11.0	191906.1	-5632.9								
7732	10.8	191918.1	-5631.9								
7733	10.0	191922.8	-5633.9								
7734	9.8	191925.3	-5637.9								
7735	9.2	191932.3	-5605.9								
7736	10.0	191940.9	-5643.0								
7737	10.8	191948.9	-5646.0								
7738	10.0	191958.1	-5612.9								
7739	11.0	192026.9	-5655.0								
7740	10.0	192056.3	-5602.0								
7741	9.7	192056.5	-5608.7								
7742	10.0	192100.2	-5606.9								
7743	10.0	192105.7	-5605.9								
7744	11.0	192155.2	-5634.0								
7745	9.7	192155.4	-5600.2								
7746	9.7	192203.7	-5653.2								
7747	9.4	192218.2	-5638.0								
7748	10.0	192219.6	-5610.3								
7749	11.0	192226.5	-5659.0								
7750	11.3	192226.5	-5642.0								
7751	9.8	192230.6	-5643.0								
7752	10.0	192237.7	-5615.6								
7753	10.8	192248.6	-5651.8								
7754	11.0	192253.3	-5637.0								
7755	10.8	192303.5	-5651.0								
7756	11.5	192329.4	-5653.1								
7757	8.2	192333.6	-5626.9								
7758	9.3	192338.6	-5636.9								
7759	10.0	192340.0	-5627.9								
7760	10.0	192341.2	-5625.9								
7761	7.1	192350.4	-5621.8								
7762	7.7	192400.2	-5641.0								
7763	10.3	192421.8	-5630.6								
7764	9.4	192422.6	-5648.1								
7765	10.0	192438.9	-5633.9								
7766	10.0	192451.0	-5604.8								
7767	10.0	192507.1	-5621.8								
7768	9.2	192518.4	-5656.0								
7769	10.0	192529.0	-5616.0								
7770	10.0	192535.0	-5619.8								

-56 7771 19h25m

-56 8130 20h34m

7771	11.3	192552.9	-5631.1	7861	11.0	194207.9	-5639.6	7951	11.5	195745.3	-5644.2
7772	8.6	192553.7	-5603.6	7862	11.5	194225.4	-5639.7	7952	10.3	195802.8	-5603.4
7773	10.8	192554.8	-5632.9	7863	10.0	194226.3	-5614.8	7953	7.7	195805.2	-5611.9
7774	11.5	192606.5	-5652.2	7864	9.6	194242.5	-5644.7	7954	9.9	195805.3	-5643.2
7775	9.8	192616.6	-5653.2	7865	10.3	194253.9	-5651.7	7955	10.5	195830.2	-5637.2
7776	9.3	192635.8	-5639.2	7866	8.5	194259.0	-5658.7	7956	9.3	195835.2	-5618.6
7777	9.4	192636.2	-5634.9	7867	11.0	194314.7	-5648.7	7957	10.0	195851.5	-5620.0
7778	10.0	192639.4	-5619.8	7868	8.7	194317.8	-5609.4	7958	8.5	195856.2	-5625.2
7779	10.3	192642.7	-5657.4	7869	8.2	194320.3	-5612.8	7959	10.5	195903.2	-5603.9
7780	9.9	192643.2	-5646.2	7870	10.8	194321.8	-5641.0	7960	10.8	195907.3	-5633.2
7781	8.3	192643.6	-5621.2	7871	10.8	194327.3	-5649.7	7961	11.0	195912.6	-5655.2
7782	10.0	192802.5	-5606.8	7872	10.0	194336.8	-5617.0	7962	10.5	195940.8	-5650.3
7783	10.0	192809.0	-5659.4	7873	10.8	194338.8	-5623.2	7963	10.8	195949.3	-5643.3
7784	9.9	192812.9	-5646.0	7874	10.0	194342.8	-5623.8	7964	10.5	200048.8	-5658.0
7785	9.8	192818.0	-5620.8	7875	9.9	194357.8	-5614.8	7965	11.0	200049.5	-5626.0
7786	10.0	192830.1	-5633.4	7876	8.1	194421.0	-5622.4	7966	8.6	200117.9	-5634.9
7787	9.8	192859.1	-5649.8	7877	10.8	194458.0	-5642.9	7967	9.8	200128.2	-5619.0
7788	9.8	192902.4	-5605.8	7878	10.5	194510.0	-5606.4	7968	8.5	200144.6	-5600.8
7789	7.8	192903.3	-5635.6	7879	10.8	194551.8	-5640.8	7969	10.5	200209.8	-5638.3
7790	10.0	192910.8	-5640.3	7880	10.8	194558.3	-5639.8	7970	10.8	200210.8	-5655.3
7791	11.3	192954.7	-5649.3	7881	10.8	194640.0	-5630.8	7971	10.3	200218.5	-5639.3
7792	10.0	192957.3	-5629.2	7882	10.5	194644.8	-5624.2	7972	9.8	200220.4	-5614.3
7793	11.0	192959.2	-5654.3	7883	10.8	194705.3	-5611.6	7973	10.0	200235.5	-5641.2
7794	10.5	193003.0	-5643.3	7884	11.3	194706.3	-5602.4	7974	9.9	200246.6	-5647.2
7795	11.0	193020.7	-5654.3	7885	10.5	194717.7	-5646.8	7975	12.0	200250.2	-5656.4
7796	10.0	193058.1	-5624.6	7886	9.3	194722.6	-5605.0	7976	10.8	200251.5	-5619.0
7797	9.9	193059.0	-5622.2	7887	9.9	194731.3	-5650.8	7977	10.8	200311.3	-5606.0
7798	10.8	193105.5	-5643.8	7888	10.0	194749.9	-5608.9	7978	10.3	200318.7	-5605.6
7799	8.9	193105.8	-5636.4	7889	9.6	194755.2	-5629.2	7979	10.5	200319.6	-5617.0
7800	9.6	193112.0	-5651.3	7890	10.8	194756.0	-5638.8	7980	11.0	200353.7	-5655.4
7801	10.3	193154.0	-5644.3	7891	10.5	194810.8	-5601.6	7981	10.3	200403.0	-5622.6
7802	10.5	193157.9	-5646.8	7892	11.0	194816.4	-5633.8	7982	10.3	200412.4	-5625.0
7803	9.2	193158.0	-5618.0	7893	10.5	194826.5	-5609.6	7983	10.8	200426.1	-5631.4
7804	11.3	193209.2	-5640.6	7894	10.0	194829.6	-5643.8	7984	9.5	200429.9	-5631.2
7805	9.8	193211.0	-5602.8	7895	11.3	194835.5	-5623.4	7985	11.0	200433.4	-5635.4
7806	10.0	193215.6	-5604.0	7896	9.3	194835.6	-5636.9	7986	11.0	200434.6	-5652.4
7807	10.8	193221.9	-5649.4	7897	10.5	194840.6	-5602.4	7987	11.5	200445.5	-5658.4
7808	11.0	193252.5	-5644.1	7898	9.5	194853.6	-5657.9	7988	11.3	200505.5	-5606.0
7809	10.0	193300.0	-5654.4	7899	9.0	194920.4	-5639.3	7989	9.9	200518.2	-5604.0
7810	7.8	193301.0	-5632.8	7900	9.4	194935.0	-5616.2	7990	10.8	200523.0	-5619.0
7811	10.0	193341.2	-5659.4	7901	11.0	194939.0	-5623.8	7991	10.5	200528.0	-5623.8
7812	10.0	193341.6	-5610.8	7902	10.8	194952.0	-5644.4	7992	10.5	200536.7	-5600.6
7813	9.8	193346.8	-5626.4	7903	8.5	195007.6	-5636.3	7993	8.5	200608.2	-5652.8
7814	9.3	193348.5	-5616.2	7904	10.3	195012.8	-5639.9	7994	11.0	200608.4	-5628.0
7815	8.1	193413.4	-5633.6	7905	9.6	195018.8	-5644.9	7995	9.9	200611.6	-5606.8
7816	9.9	193422.3	-5602.2	7906	10.5	195036.9	-5632.4	7996	11.0	200640.9	-5622.0
7817	9.8	193427.4	-5618.8	7907	10.3	195040.9	-5655.9	7997	10.5	200651.0	-5606.0
7818	9.1	193435.3	-5630.6	7908	10.8	195059.0	-5601.2	7998	9.2	200656.3	-5618.6
7819	10.0	193442.0	-5643.5	7909	10.8	195105.7	-5650.0	7999	10.8	200703.2	-5617.0
7820	9.3	193444.0	-5659.5	7910	11.0	195121.5	-5615.7	8000	10.3	200735.0	-5639.5
7821	9.5	193448.0	-5611.1	7911	8.5	195123.3	-5621.6	8001	11.3	200742.0	-5611.1
7822	11.0	193521.9	-5650.8	7912	10.0	195130.0	-5605.6	8002	10.3	200808.7	-5620.1
7823	9.7	193532.3	-5600.4	7913	9.3	195141.0	-5643.0	8003	11.0	200816.8	-5605.1
7824	10.8	193547.0	-5650.6	7914	10.8	195145.0	-5638.0	8004	9.4	200832.8	-5604.4
7825	10.8	193552.5	-5650.7	7915	10.8	195146.1	-5635.0	8005	11.3	200835.4	-5642.6
7826	9.2	193625.3	-5601.4	7916	11.0	195155.0	-5613.9	8006	9.8	200844.8	-5606.6
7827	10.5	193628.4	-5650.3	7917	8.6	195200.0	-5650.5	8007	10.0	200845.8	-5629.2
7828	9.7	193651.0	-5642.8	7918	9.6	195215.0	-5606.6	8008	11.0	200846.9	-5616.1
7829	9.6	193703.2	-5653.7	7919	11.0	195219.4	-5620.9	8009	8.9	200910.9	-5632.0
7830	10.0	193703.8	-5610.4	7920	9.5	195225.3	-5618.6	8010	8.8	200915.0	-5643.6
7831	10.5	193712.0	-5636.5	7921	8.1	195228.4	-5602.2	8011	11.0	200922.2	-5615.1
7832	10.0	193724.0	-5613.0	7922	9.0	195241.2	-5645.0	8012	8.8	200926.8	-5608.1
7833	10.0	193728.5	-5624.4	7923	11.0	195243.8	-5641.0	8013	10.3	200956.4	-5634.7
7834	10.8	193737.5	-5648.6	7924	10.5	195251.3	-5629.9	8014	9.9	200958.1	-5608.9
7835	9.3	193743.0	-5637.8	7925	11.0	195327.4	-5654.6	8015	11.3	201031.4	-5616.1
7836	5.6	193748.3	-5639.6	7926	10.5	195331.8	-5625.9	8016	9.3	201039.6	-5613.0
7837	11.0	193751.7	-5648.6	7927	10.5	195346.4	-5656.0	8017	9.5	201048.0	-5603.2
7838	10.0	193802.2	-5610.2	7928	8.1	195351.3	-5647.3	8018	11.3	201057.8	-5636.6
7839	10.0	193803.0	-5623.4	7929	9.9	195351.5	-5610.9	8019	10.5	201059.8	-5620.8
7840	11.0	193804.5	-5659.6	7930	10.8	195356.0	-5646.1	8020	9.4	201115.6	-5658.8
7841	11.0	193837.1	-5650.6	7931	10.5	195411.9	-5608.4	8021	8.6	201128.1	-5609.3
7842	10.5	193841.9	-5639.8	7932	11.0	195503.3	-5627.9	8022	8.1	201227.0	-5653.7
7843	10.5	193854.7	-5648.6	7933	9.8	195512.6	-5606.2	8023	10.0	201254.4	-5628.6
7844	10.5	193945.4	-5634.8	7934	10.8	195518.0	-5653.2	8024	9.4	201312.5	-5635.4
7845	10.0	194010.0	-5609.2	7935	9.9	195536.5	-5637.1	8025	10.3	201322.4	-5658.7
7846	9.7	194015.8	-5616.4	7936	9.9	195551.3	-5604.4	8026	9.7	201324.5	-5600.0
7847	10.0	194016.2	-5610.2	7937	8.1	195600.8	-5614.7	8027	10.0	201327.4	-5601.1
7848	10.0	194017.6	-5604.4	7938	10.8	195601.6	-5657.1	8028	10.5	201329.6	-5616.1
7849	11.0	194020.5	-5653.4	7939	10.0	195609.3	-5650.1	8029	9.5	201332.0	-5617.3
7850	10.0	194028.4	-5634.5	7940	11.0	195614.6	-5635.4	8030	11.0	201340.0	-5636.0
7851	9.7	194028.5	-5651.3	7941	9.9	195622.8	-5601.9	8031	10.0	201403.2	-5651.7
7852	11.0	194046.8	-5636.2	7942	10.3	195631.5	-5632.3	8032	9.7	201438.1	-5632.2
7853	10.0	194105.2	-5609.8	7943	10.0	195646.3	-5628.1	8033	9.5	201500.6	-5650.8
7854	10.5	194108.0	-5652.0	7944	8.4	195650.6	-5636.2	8034	8.3	201508.3	-5620.2
7855	9.0	194109.0	-5609.6	7945	9.7	195653.3	-5608.9	8035	9.9	201508.4	-5639.8
7856	10.5	194126.3	-5656.6	7946	9.8	195659.3	-5643.0	8036	10.3	201520.6	-5638.3
7857	10.0	194128.6	-5618.4	7947	10.0	195714.9	-5600.0	8037	9.9	201525.7	-5649.8
7858	10.0	194130.8	-5636.6	7948	10.3	195726.8	-5657.4	8038	10.3	201530.2	-5602.1
7859	10.0	194131.0	-5608.4	7949	10.5	195740.3	-5634.2	8039	9.2	201533.5	-5628.1
7860	10.8	194135.6	-5638.8	7950	10.5	195744.6	-5651.8	8040	10.3	201558.4	-5615.1
8041	11.0	201610.3	-5611.1								
8042	10.8	201639.6	-5637.2								
8043	9.7	201642.6	-5651.8								
8044	9.7	201655.0	-5615.0								
8045	9.2	201705.6	-5652.0								
8046	11.0	201707.4	-5606.2								
8047	11.0	201749.6	-5611.2								
8048	9.1	201753.0	-5645.9								
8049	11.5	201757.9	-5601.2								
8050	9.5	201758.9	-5654.9								
8051	11.3	201759.1	-5613.2								
8052	10.8	201759.6	-5649.9								
8053	11.0	201821.4	-5626.2								
8054	10.8	201831.8	-5649.9								
8055	11.0	201833.3	-5653.6								
8056	10.0	201838.2	-5607.2								
8057	9.5	201844.6	-5628.2								
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8062	11.0	201945.8	-5648.8								
8063	9.5	201955.5	-5615.2								
8064	10.3	202010.0	-5602.9								
8065	9.5	202012.6	-5629.8								
8066	10.3	202019.3	-5601.6								
8067	10.3	202020.8	-5632.2								
8068	10.5	202040.5	-5600.6								
8069	10.8	202111.0	-5608.2								
8070	11.0	202124.8	-5634.2								
8071	10.5	202127.0	-5626.8								
8072	10.3	202142.4	-5631.2								
8073	11.0	202142.5	-5648.1								
8074	11.0	202200.9	-5603.2								
8075	11.0	202207.8	-5604.2								
8076	10.3	202209.8	-5652.1								
8077	11.0	202228.5	-5640.1								
8078	9.5	202229.6	-5603.2								
8079	10.0	202325.8	-5622.0								
8080	11.0	202339.9	-5619.2								
8081	9.7	202358.1	-5653.2								
8082	11.0	202359.6	-5624.8								
8083	10.8	202437.0	-5610.2								
8084	10.8	202445.5	-5611.2								
8085	9.8	202445.8	-5629.0								
8086	9.2	202528.8	-5615.0								
8087	9.6	202530.6	-5646.0								
8088	11.0	202541.8	-5614.2								
8089	9.4	202558.0	-5658.4								
8090	11.0	202605.4	-5659.2								
8091	9.2	202608.3	-5610.7								
8092	10.8	202618.9	-5616.2								
8093	10.3	202622.0	-5635.2								
8094	9.7	202657.0	-5630.0								
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8103	9.6	202851.4	-5653.2								
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8105	11.0	202922.1	-5614.2								
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8108	11.3	203013.6	-5651.2								
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8110	10.3	203032.0	-5637.8								
8111	9.3	203101.7	-5610.0								
8112	8.6	203111.4	-5625.2								
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8116	9.6	203203.3	-5627.2								
8117	11.8	203220.1	-5604.3								
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8120	8.6	203255.7	-5606.8								
8121	9.7	203257.3	-5630.2								
8122	8.5	203310.4	-5624.0								
8123	10.5	203318.6	-5639.2								
8124	10.5	203320.6	-5652.2								
8125	11.5	203326.0	-5606.3								
8126	11.5	203345.4	-5610.3								
8127	11.0	203432.3	-5650.3								
8128	10.3	203442.6	-5619.3								
8129	10.0	203444.0	-5606.0								
8130	10.8	203450.9	-5632.3								

-56 8131 20h34m

-56 8490 22h03m

8131	9.7	203452.0	-5600.4	8221	8.7	205411.6	-5637.7	8311	11.0	211548.8	-5604.4
8132	11.0	203454.1	-5651.3	8222	10.5	205425.7	-5650.9	8312	9.6	211558.7	-5624.6
8133	10.8	203500.5	-5633.0	8223	11.0	205429.3	-5618.1	8313	11.0	211640.8	-5634.9
8134	10.8	203502.6	-5633.3	8224	10.5	205456.7	-5637.9	8314	8.2	211654.3	-5625.2
8135	9.9	203523.2	-5625.8	8225	10.5	205458.4	-5625.7	8315	11.0	211711.0	-5619.9
8136	9.0	203543.2	-5632.9	8226	10.5	205509.8	-5602.1	8316	8.5	211745.3	-5640.3
8137	9.7	203604.8	-5600.6	8227	9.2	205512.4	-5649.9	8317	11.0	211750.8	-5605.0
8138	11.0	203700.8	-5616.3	8228	11.3	205536.0	-5624.1	8318	11.0	211757.3	-5604.0
8139	10.0	203708.6	-5618.3	8229	8.5	205544.4	-5636.9	8319	10.8	211816.3	-5607.8
8140	11.5	203715.6	-5655.3	8230	10.3	205545.4	-5614.1	8320	10.8	211837.9	-5637.3
8141	11.0	203719.7	-5650.3	8231	9.2	205552.5	-5656.9	8321	9.2	211841.3	-5631.9
8142	11.8	203727.3	-5616.3	8232	10.8	205719.8	-5635.1	8322	11.0	211848.8	-5619.3
8143	11.3	203730.9	-5659.3	8233	11.0	205720.0	-5634.5	8323	9.6	211856.0	-5653.8
8144	9.9	203732.5	-5621.3	8234	10.8	205723.5	-5637.1	8324	10.8	211921.7	-5643.3
8145	11.3	203753.8	-5603.8	8235	11.0	205724.3	-5636.5	8325	10.8	211956.8	-5626.0
8146	9.9	203755.2	-5603.3	8236	11.3	205742.3	-5642.9	8326	10.8	212006.6	-5659.5
8147	11.5	203758.3	-5638.3	8237	11.0	205749.6	-5649.9	8327	10.5	212023.5	-5638.6
8148	11.5	203807.3	-5657.3	8238	10.8	205757.6	-5603.2	8328	8.3	212026.8	-5618.2
8149	10.5	203821.4	-5650.4	8239	11.0	205815.6	-5624.3	8329	10.0	212036.9	-5632.7
8150	11.0	203844.9	-5609.3	8240	9.2	205821.5	-5614.3	8330	10.8	212047.7	-5652.3
8151	11.0	203846.9	-5634.3	8241	11.0	205827.2	-5658.9	8331	7.9	212102.3	-5648.8
8152	11.3	203857.1	-5604.3	8242	11.0	205900.2	-5608.3	8332	11.0	212150.7	-5654.4
8153	11.3	203913.1	-5618.3	8243	10.5	205924.8	-5627.0	8333	11.0	212214.9	-5619.2
8154	9.6	203925.6	-5610.6	8244	11.5	205932.4	-5631.9	8334	10.3	212219.0	-5646.4
8155	10.5	203926.8	-5653.4	8245	11.0	210005.4	-5627.3	8335	11.0	212219.0	-5633.4
8156	10.5	203931.9	-5635.4	8246	9.8	210011.4	-5618.0	8336	11.5	212241.3	-5611.3
8157	10.8	204005.8	-5648.4	8247	11.0	210025.8	-5632.7	8337	10.5	212309.5	-5637.4
8158	11.0	204012.5	-5637.4	8248	11.0	210026.5	-5640.0	8338	10.5	212312.8	-5648.4
8159	10.8	204015.5	-5631.4	8249	11.0	210027.5	-5606.3	8339	10.8	212313.3	-5651.8
8160	10.3	204019.8	-5643.4	8250	10.8	210047.2	-5647.0	8340	10.3	212320.9	-5659.4
8161	10.8	204032.3	-5632.4	8251	11.0	210054.3	-5606.4	8341	11.5	212406.1	-5607.3
8162	10.5	204049.0	-5619.0	8252	11.3	210100.3	-5648.0	8342	9.9	212419.0	-5654.8
8163	10.5	204050.0	-5623.3	8253	10.8	210114.3	-5621.4	8343	9.1	212451.5	-5622.3
8164	11.5	204057.7	-5603.3	8254	10.8	210119.4	-5606.4	8344	11.3	212451.5	-5634.3
8165	11.0	204058.9	-5601.3	8255	11.0	210135.9	-5633.0	8345	10.0	212459.3	-5645.8
8166	9.1	204108.4	-5641.6	8256	11.3	210212.8	-5602.0	8346	10.5	212503.2	-5632.3
8167	10.5	204110.7	-5606.3	8257	10.8	210236.5	-5626.4	8347	10.5	212520.2	-5644.6
8168	10.3	204117.6	-5627.3	8258	10.5	210257.8	-5657.0	8348	10.5	212521.5	-5643.0
8169	10.3	204145.8	-5650.4	8259	10.3	210300.0	-5615.6	8349	9.4	212522.8	-5628.3
8170	8.5	204200.9	-5651.2	8260	10.5	210301.4	-5658.0	8350	9.7	212527.9	-5638.0
8171	10.5	204223.4	-5633.3	8261	11.0	210352.1	-5656.0	8351	10.3	212547.3	-5632.0
8172	10.3	204249.0	-5611.4	8262	11.0	210353.6	-5614.4	8352	10.8	212548.2	-5603.3
8173	11.0	204309.6	-5612.4	8263	10.8	210406.0	-5646.3	8353	10.8	212609.2	-5625.3
8174	7.9	204333.4	-5640.8	8264	11.5	210451.1	-5655.0	8354	10.3	212629.2	-5629.3
8175	10.8	204335.8	-5646.8	8265	10.8	210457.2	-5635.0	8355	10.8	212703.5	-5601.4
8176	11.3	204347.1	-5602.4	8266	7.9	210500.7	-5646.1	8356	9.8	212709.2	-5651.0
8177	11.3	204410.0	-5635.8	8267	10.5	210516.9	-5631.0	8357	8.3	212731.2	-5656.0
8178	9.8	204416.0	-5649.8	8268	9.0	210521.0	-5622.5	8358	11.0	212749.6	-5633.4
8179	8.3	204425.2	-5603.4	8269	10.3	210534.0	-5641.3	8359	11.3	212820.0	-5656.2
8180	11.0	204446.0	-5628.4	8270	11.3	210537.7	-5650.1	8360	10.5	212837.5	-5611.4
8181	10.3	204457.6	-5645.8	8271	10.5	210546.8	-5642.1	8361	11.0	212859.6	-5608.4
8182	11.5	204508.6	-5604.4	8272	10.5	210552.4	-5635.0	8362	9.8	212902.8	-5648.0
8183	10.3	204510.4	-5611.4	8273	10.3	210557.5	-5644.1	8363	11.0	212915.0	-5654.0
8184	9.0	204511.0	-5633.5	8274	9.4	210626.0	-5655.1	8364	11.0	212920.9	-5658.0
8185	10.8	204528.5	-5637.8	8275	11.5	210637.1	-5611.5	8365	11.0	212941.8	-5652.0
8186	10.3	204534.5	-5620.0	8276	11.5	210646.0	-5630.5	8366	9.8	213004.3	-5656.8
8187	11.3	204619.8	-5603.4	8277	10.5	210709.4	-5631.2	8367	9.7	213041.3	-5654.0
8188	9.1	204624.8	-5624.0	8278	9.4	210729.8	-5602.5	8368	11.0	213056.3	-5609.3
8189	9.9	204629.8	-5638.8	8279	8.9	210745.6	-5649.3	8369	10.8	213100.8	-5654.0
8190	9.5	204632.7	-5654.1	8280	11.5	210751.5	-5614.5	8370	9.3	213120.3	-5653.8
8191	10.3	204718.4	-5617.5	8281	10.8	210753.8	-5601.8	8371	6.5	213143.8	-5618.5
8192	11.0	204759.3	-5644.8	8282	9.8	210810.6	-5638.7	8372	11.0	213152.4	-5652.0
8193	10.3	204813.0	-5611.3	8283	10.8	210919.8	-5635.2	8373	9.1	213201.3	-5609.2
8194	10.5	204813.7	-5609.0	8284	9.2	210940.9	-5635.2	8374	10.0	213207.0	-5612.5
8195	10.8	204814.7	-5602.5	8285	11.3	210950.6	-5614.5	8375	9.8	213214.3	-5621.8
8196	10.8	204822.0	-5608.8	8286	9.1	211031.1	-5630.3	8376	10.3	213222.3	-5651.8
8197	8.3	204835.6	-5625.6	8287	10.0	211058.1	-5630.3	8377	10.3	213236.3	-5621.3
8198	9.0	204843.8	-5619.6	8288	11.5	211058.3	-5621.7	8378	11.0	213238.9	-5612.5
8199	11.0	204843.9	-5652.9	8289	10.3	211104.9	-5658.2	8379	9.9	213241.6	-5638.0
8200	9.5	204846.4	-5609.2	8290	8.1	211109.2	-5618.7	8380	10.3	213320.0	-5649.0
8201	9.0	204852.3	-5624.5	8291	10.0	211121.2	-5647.2	8381	10.5	213327.2	-5640.0
8202	10.8	204858.9	-5637.9	8292	9.6	211127.5	-5622.7	8382	10.3	213332.9	-5616.6
8203	11.0	204903.5	-5639.9	8293	11.5	211134.0	-5631.6	8383	10.3	213334.8	-5627.7
8204	9.5	204908.4	-5616.8	8294	10.3	211200.2	-5644.4	8384	10.5	213336.8	-5632.5
8205	11.0	204922.8	-5638.9	8295	10.8	211213.8	-5639.2	8385	11.3	213450.4	-5619.6
8206	11.0	204930.8	-5648.9	8296	10.5	211245.0	-5603.7	8386	11.0	213503.8	-5641.1
8207	9.2	204934.9	-5650.9	8297	11.0	211249.9	-5604.7	8387	10.0	213506.6	-5629.6
8208	10.5	204956.9	-5606.0	8298	10.5	211301.5	-5651.7	8388	10.5	213517.6	-5653.1
8209	10.3	205043.8	-5619.0	8299	7.5	211329.7	-5618.7	8389	9.8	213531.8	-5605.8
8210	11.3	205059.8	-5635.9	8300	8.3	211332.8	-5641.7	8390	7.2	213532.4	-5602.6
8211	11.5	205108.2	-5608.0	8301	10.8	211338.2	-5638.2	8391	9.1	213533.7	-5625.4
8212	11.3	205116.2	-5657.9	8302	9.9	211430.5	-5603.4	8392	9.6	213542.5	-5602.6
8213	9.2	205139.4	-5655.3	8303	7.5	211435.3	-5604.5	8393	9.2	213544.5	-5642.0
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-56 8850 23h36m

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-57 644 3h14m

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324	10.8	13545.3 -5730.2	414	10.8	20010.6 -5706.2	504	9.4	22518.8 -5750.1	594	10.5	25941.6 -5707.8
325	10.0	13608.6 -5757.4	415	10.8	20020.3 -5711.2	505	9.9	22546.5 -5755.1	595	9.6	25946.2 -5739.0
326	11.3	13629.5 -5732.7	416	9.8	20033.2 -5746.7	506	10.3	22557.7 -5709.2	596	10.0	30021.7 -5751.0
327	10.0	13636.1 -5746.2	417	8.7	20049.8 -5757.7	507	11.5	22607.2 -5755.1	597	9.9	30047.8 -5722.5
328	11.3	13638.8 -5726.7	418	9.8	20050.3 -5715.2	508	10.8	22652.5 -5725.1	598	9.9	30049.7 -5741.0
329	10.3	13737.9 -5735.2	419	9.5	20059.9 -5742.6	509	10.8	22658.4 -5726.3	599	10.0	30057.3 -5727.0
330	9.8	13740.0 -5701.7	420	11.5	20123.5 -5744.5	510	10.3	22720.9 -5708.3	600	10.0	30057.6 -5746.0
331	9.6	13749.0 -5721.7	421	10.8	20129.5 -5759.6	511	7.6	22745.5 -5709.3	601	9.9	30115.3 -5719.6
332	9.4	13809.8 -5727.4	422	10.8	20133.6 -5714.2	512	11.0	22805.7 -5730.0	602	7.8	30133.4 -5739.0
333	10.0	13824.2 -5708.7	423	10.5	20152.6 -5726.9	513	10.8	22824.2 -5728.2	603	8.8	30141.8 -5753.6
334	10.8	13851.6 -5727.2	424	10.8	20218.6 -5730.6	514	10.5	22930.4 -5701.2	604	10.8	30218.3 -5722.4
335	10.8	13858.1 -5743.2	425	10.8	20225.9 -5732.6	515	8.8	22931.1 -5734.0	605	10.0	30314.0 -5729.0
336	9.7	13914.8 -5730.0	426	9.1	20226.8 -5759.6	516	10.5	22936.8 -5756.0	606	10.0	30357.8 -5749.9
337	11.0	14032.1 -5758.1	427	10.0	20310.0 -5745.6	517	10.8	22953.4 -5718.2	607	8.1	30404.6 -5718.4
338	11.3	14054.8 -5743.1	428	10.5	20319.9 -5701.2	518	10.5	22957.0 -5746.0	608	9.6	30409.0 -5713.4
339	8.7	14131.1 -5735.1	429	8.1	20336.6 -5747.6	519	9.5	23052.2 -5727.0	609	9.8	30412.9 -5725.2
340	8.9	14138.0 -5722.8	430	10.3	20338.5 -5732.6	520	9.4	23059.2 -5721.1	610	10.8	30455.2 -5704.3
341	10.3	14208.4 -5727.8	431	9.9	20342.2 -5721.2	521	9.2	23105.0 -5732.6	611	9.2	30508.7 -5729.2
342	9.3	14212.7 -5733.1	432	10.5	20433.4 -5736.6	522	11.3	23124.0 -5758.0	612	9.8	30512.4 -5738.2
343	11.0	14220.5 -5721.6	433	11.5	20436.7 -5737.6	523	10.8	23200.4 -5748.0	613	10.0	30526.9 -5746.2
344	9.9	14229.5 -5758.1	434	11.8	20451.2 -5747.6	524	9.6	23330.5 -5738.0	614	10.0	30542.4 -5740.9
345	9.5	14239.9 -5704.6	435	11.3	20458.3 -5707.2	525	10.8	23347.4 -5712.0	615	10.0	30553.3 -5739.9
346	11.0	14240.0 -5711.6	436	9.6	20540.8 -5714.1	526	9.0	23401.4 -5707.0	616	8.8	30633.7 -5725.2
347	10.0	14241.0 -5752.1	437	11.5	20547.6 -5725.1	527	10.8	23446.7 -5704.0	617	11.0	30713.6 -5703.4
348	11.3	14326.9 -5720.6	438	11.0	20555.6 -5746.6	528	9.0	23501.7 -5734.0	618	11.5	30729.0 -5719.4
349	10.0	14336.0 -5757.1	439	10.0	20634.3 -5711.1	529	10.3	23513.8 -5748.0	619	10.5	30731.7 -5711.4
350	8.0	14336.3 -5700.6	440	8.8	20647.5 -5725.8	530	10.5	23607.7 -5730.4	620	9.5	30756.9 -5739.9
351	11.3	14339.6 -5712.6	441	10.3	20650.9 -5743.6	531	11.0	23625.8 -5755.0	621	10.0	30758.9 -5744.3
352	11.5	14347.8 -5718.6	442	12.0	20650.9 -5753.6	532	11.0	23656.2 -5736.0	622	10.0	30803.7 -5736.9
353	9.8	14403.3 -5728.8	443	11.5	20714.3 -5704.1	533	9.7	23756.3 -5753.0	623	9.2	30829.6 -5726.8
354	10.3	14403.4 -5726.4	444	11.5	20723.9 -5742.6	534	11.0	23836.2 -5723.8	624	9.2	30834.3 -5758.9
355	10.8	14410.7 -5756.1	445	9.6	20730.3 -5716.1	535	8.1	23851.8 -5710.8	625	10.8	30849.2 -5721.2
356	8.2	14412.3 -5746.1	446	11.5	20741.9 -5702.1	536	10.0	23901.4 -5700.7	626	5.7	30923.2 -5746.9
357	10.3	14446.0 -5746.1	447	11.3	20811.8 -5708.1	537	10.5	23907.0 -5740.0	627	10.0	30936.8 -5748.9
358	10.0	14447.2 -5747.1	448	11.0	20826 7 -5752.6	538	10.8	24018.0 -5742.0	628	10.3	30954.2 -5709.5
359	11.3	14511.3 -5725.1	449	11.3	20827.8 -5706.1	539	11.0	24018.5 -5710.7	629	11.3	31001.0 -5724.4
360	10.5	14520.7 -5750.1	450	11.3	20908.1 -5747.6	540	10.5	24020.2 -5726.8	630	10.0	31041.9 -5739.0
361	9.2	14533.6 -5748.0	451	10.8	20927.1 -5727.4	541	11.0	24031.7 -5708.7	631	8.6	31043.0 -5722.6
362	10.5	14539.5 -5745.8	452	9.0	20930.7 -5747.6	542	9.8	24105.5 -5742.0	632	11.3	31053.2 -5708.4
363	11.0	14628.5 -5757.8	453	8.3	20932.8 -5755.6	543	9.9	24106.8 -5753.0	633	11.0	31116.5 -5700.4
364	10.8	14637.5 -5745.8	454	9.2	21012.8 -5710.0	544	10.8	24121.7 -5726.6	634	10.8	31144.9 -5715.4
365	10.3	14652.3 -5733.8	455	11.5	21021.3 -5714.0	545	9.4	24229.2 -5727.8	635	10.3	31203.0 -5702.5
366	11.5	14700.6 -5732.8	456	11.3	21033.7 -5749.6	546	10.8	24245.6 -5728.6	636	9.3	31228.6 -5728.6
367	8.5	14718.5 -5758.8	457	8.6	21056.6 -5729.8	547	9.5	24259.8 -5746.0	637	9.9	31245.6 -5731.0
368	11.0	14736.6 -5757.8	458	11.3	21058.0 -5731.6	548	8.5	24336.4 -5758.0	638	10.5	31324.9 -5728.6
369	9.9	14756.6 -5717.5	459	11.5	21150.0 -5701.0	549	10.8	24414.7 -5700.5	639	10.0	31334.7 -5748.8
370	10.8	14806.2 -5725.8	460	11.5	21158.0 -5758.6	550	10.0	24418.2 -5706.5	640	11.5	31352.4 -5708.5
371	9.6	14830.0 -5749.8	461	9.1	21203.9 -5714.0	551	10.8	24420.9 -5712.5	641	11.5	31420.4 -5723.5
372	9.0	14830.6 -5715.5	462	9.6	21219.8 -5712.0	552	10.3	24421.1 -5729.0	642	10.8	31420.9 -5726.6
373	10.3	14840.1 -5713.5	463	11.5	21219.8 -5711.0	553	11.0	24432.6 -5718.5	643	11.0	31423.5 -5703.5
374	11.5	14846.7 -5740.8	464	9.8	21223.9 -5740.6	554	10.8	24437.6 -5725.5	644	9.4	31433.6 -5700.3

-57 645 3h14m

-57 1004 4h46m

645	11.0	31435.5	-5715.5	735	11.0	34316.4	-5744.8	825	11.5	40515.8	-5729.4
646	8.6	31509.6	-5701.5	736	10.3	34317.3	-5721.9	826	11.8	40516.8	-5727.4
647	10.0	31518.1	-5735.7	737	11.3	34329.6	-5731.0	827	11.3	40523.2	-5716.6
648	9.6	31524.5	-5740.7	738	8.6	34412.1	-5703.9	828	11.5	40552.0	-5738.5
649	11.0	31529.1	-5709.5	739	11.0	34438.5	-5738.0	829	9.1	40559.3	-5740.8
650	10.0	31548.4	-5730.7	740	10.3	34524.2	-5703.9	830	11.0	40601.0	-5731.5
651	10.0	31558.6	-5755.7	741	10.5	34543.3	-5707.1	831	10.8	40602.5	-5736.5
652	11.3	31559.7	-5708.5	742	11.0	34549.9	-5715.9	832	11.0	40631.9	-5753.5
653	10.8	31703.4	-5729.0	743	11.0	34552.0	-5744.0	833	11.0	40640.3	-5754.5
654	11.3	31704.0	-5717.4	744	9.9	34559.9	-5733.0	834	9.1	40656.0	-5758.5
655	11.0	31708.9	-5704.4	745	8.9	34611.2	-5720.9	835	9.6	40700.3	-5739.8
656	10.0	31722.1	-5742.7	746	10.8	34640.2	-5720.7	836	11.5	40710.1	-5704.4
657	10.0	31742.0	-5759.7	747	11.8	34708.2	-5748.0	837	11.8	40719.7	-5726.4
658	11.5	31746.1	-5715.4	748	10.0	34720.0	-5744.0	838	9.2	40721.7	-5719.4
659	10.0	31807.2	-5743.7	749	11.5	34727.3	-5752.0	839	11.5	40733.4	-5714.4
660	10.0	31808.8	-5748.7	750	9.6	34728.2	-5714.6	840	10.5	40808.4	-5718.3
661	9.4	31812.0	-5756.7	751	11.3	34751.9	-5738.9	841	8.4	40859.7	-5716.2
662	9.8	31839.4	-5719.2	752	9.8	34808.4	-5746.9	842	10.5	40922.3	-5721.3
663	11.3	31924.7	-5725.4	753	9.3	34826.5	-5757.9	843	11.5	40955.5	-5734.4
664	11.0	31948.0	-5713.7	754	10.3	34838.7	-5744.9	844	11.8	41000.7	-5704.3
665	9.0	31959.2	-5720.0	755	8.4	34856.6	-5701.7	845	11.5	41015.3	-5753.4
666	10.0	32015.9	-5755.6	756	9.3	34909.6	-5720.8	846	11.0	41017.0	-5735.4
667	10.0	32028.3	-5757.6	757	11.5	34910.5	-5707.8	847	8.2	41032.2	-5709.0
668	11.3	32033.0	-5713.1	758	11.5	34913.4	-5733.9	848	10.8	41035.3	-5721.3
669	11.3	32044.4	-5710.0	759	11.5	34924.7	-5753.9	849	11.0	41043.6	-5721.3
670	10.8	32050.9	-5707.4	760	11.5	34933.0	-5703.8	850	11.0	41052.2	-5757.4
671	9.6	32107.6	-5753.6	761	11.5	34952.2	-5746.2	851	11.0	41055.2	-5739.4
672	7.4	32124.4	-5759.6	762	10.8	34954.1	-5723.8	852	11.5	41105.1	-5728.3
673	9.5	32142.3	-5700.6	763	11.8	35019.7	-5746.9	853	11.5	41106.1	-5732.4
674	10.0	32149.9	-5732.6	764	10.5	35039.8	-5729.9	854	8.8	41111.0	-5714.0
675	11.0	32200.1	-5720.0	765	12.0	35044.8	-5737.9	855	10.5	41210.2	-5733.8
676	10.0	32212.3	-5743.6	766	11.8	35047.2	-5709.8	856	11.5	41225.2	-5722.2
677	10.0	32220.5	-5735.6	767	8.6	35104.9	-5726.9	857	11.8	41227.3	-5712.2
678	10.0	32249.3	-5741.5	768	9.8	35119.7	-5744.1	858	10.5	41233.5	-5749.8
679	9.7	32339.5	-5714.3	769	10.5	35152.5	-5726.4	859	11.8	41241.5	-5712.2
680	9.1	32343.5	-5710.3	770	10.5	35156.7	-5739.9	860	11.0	41242.9	-5758.8
681	10.3	32417.0	-5710.3	771	10.8	35158.5	-5738.9	861	11.0	41250.2	-5716.2
682	8.5	32426.9	-5733.9	772	11.5	35210.7	-5752.9	862	11.0	41304.6	-5741.8
683	10.0	32457.6	-5753.5	773	11.5	35227.9	-5717.7	863	11.0	41309.2	-5737.8
684	10.5	32515.4	-5705.5	774	10.8	35237.7	-5744.6	864	9.7	41321.2	-5722.2
685	10.5	32518.0	-5711.5	775	11.5	35239.6	-5736.8	865	11.3	41326.5	-5750.8
686	11.0	32526.5	-5711.3	776	11.3	35257.4	-5707.7	866	10.5	41332.3	-5737.0
687	11.0	32539.4	-5719.4	777	11.5	35304.2	-5744.8	867	10.8	41334.0	-5735.8
688	10.0	32621.0	-5757.2	778	11.5	35317.2	-5746.8	868	9.4	41441.6	-5722.0
689	10.0	32623.3	-5750.5	779	11.3	35317.6	-5713.9	869	11.3	41505.1	-5747.8
690	10.5	32640.4	-5718.0	780	9.8	35326.8	-5740.8	870	11.5	41515.1	-5714.2
691	9.3	32716.6	-5751.4	781	10.0	35333.0	-5701.7	871	8.0	41516.4	-5736.8
692	10.0	32720.5	-5730.4	782	10.0	35358.2	-5748.8	872	9.0	41535.0	-5718.0
693	10.0	32726.3	-5754.4	783	9.0	35440.2	-5747.5	873	11.8	41550.8	-5740.7
694	10.0	32743.9	-5736.4	784	9.0	35441.7	-5720.9	874	9.8	41559.9	-5709.8
695	10.0	32757.4	-5748.4	785	8.5	35511.4	-5706.9	875	11.5	41610.7	-5728.7
696	11.3	32908.2	-5716.2	786	11.3	35526.5	-5700.7	876	10.5	41634.4	-5728.7
697	11.5	32940.5	-5700.2	787	8.4	35534.8	-5706.8	877	10.8	41635.5	-5727.7
698	10.0	33005.1	-5700.4	788	9.9	35540.9	-5722.8	878	11.5	41638.5	-5757.7
699	10.0	33029.5	-5739.3	789	8.9	35544.2	-5714.4	879	11.5	41710.1	-5718.7
700	10.5	33043.7	-5723.2	790	11.5	35546.9	-5748.8	880	9.5	41726.8	-5733.6
701	11.0	33104.4	-5728.3	791	10.8	35547.9	-5731.8	881	9.3	41734.2	-5736.7
702	11.5	33139.7	-5711.2	792	6.6	35602.3	-5727.8	882	11.0	41819.5	-5734.6
703	11.8	33144.0	-5710.2	793	11.5	35607.7	-5718.7	883	10.8	41820.9	-5725.6
704	10.0	33203.8	-5758.3	794	11.3	35616.3	-5736.8	884	11.5	41822.0	-5718.7
705	9.5	33205.4	-5732.3	795	11.5	35622.9	-5709.7	885	11.5	41837.0	-5748.6
706	10.0	33207.8	-5750.3	796	9.6	35624.6	-5735.8	886	10.3	41857.4	-5716.2
707	9.2	33304.9	-5744.5	797	11.5	35624.8	-5704.7	887	8.5	41859.2	-5749.8
708	9.2	33320.0	-5728.3	798	9.7	35701.7	-5750.9	888	10.3	41902.4	-5735.6
709	10.5	33321.7	-5707.1	799	10.8	35732.6	-5715.8	889	10.0	41907.4	-5734.6
710	10.0	33332.5	-5751.6	800	11.8	35734.4	-5719.6	890	9.8	41913.0	-5700.3
711	10.0	33333.2	-5730.3	801	11.5	35751.6	-5735.7	891	11.0	41922.9	-5743.6
712	9.0	33345.2	-5758.0	802	9.2	35759.0	-5701.6	892	9.9	41930.8	-5728.3
713	9.0	33403.2	-5732.3	803	11.3	35807.6	-5732.7	893	10.3	41931.3	-5733.6
714	9.1	33403.7	-5713.1	804	11.5	35809.1	-5753.7	894	8.9	41936.3	-5716.6
715	10.0	33420.9	-5741.2	805	10.5	35817.9	-5739.7	895	11.0	41955.1	-5729.6
716	9.0	33452.3	-5718.2	806	7.9	35901.2	-5733.9	896	11.3	41958.6	-5726.6
717	7.5	33513.4	-5741.4	807	10.0	40001.7	-5714.5	897	11.0	42019.4	-5719.6
718	11.0	33520.2	-5718.4	808	8.3	40014.2	-5748.5	898	11.0	42019.9	-5759.8
719	10.0	33541.3	-5743.2	809	10.8	40015.1	-5730.3	899	10.8	42038.3	-5728.6
720	11.5	33550.3	-5727.1	810	11.0	40108.8	-5740.6	900	10.3	42050.3	-5729.5
721	11.3	33939.0	-5709.0	811	10.8	40122.8	-5700.5	901	10.3	42052.0	-5708.6
722	11.0	34031.1	-5715.0	812	10.0	40130.0	-5700.6	902	11.5	42053.0	-5725.6
723	11.3	34033.0	-5712.0	813	10.3	40153.0	-5705.5	903	10.5	42059.3	-5727.8
724	11.5	34046.0	-5713.0	814	8.4	40156.6	-5730.1	904	10.5	42105.0	-5708.6
725	11.3	34059.5	-5709.0	815	11.5	40203.3	-5743.6	905	10.5	42113.0	-5705.7
726	8.5	34110.4	-5701.0	816	8.4	40212.3	-5734.6	906	10.3	42117.8	-5745.4
727	10.3	34113.5	-5728.1	817	10.5	40247.0	-5756.6	907	7.4	42140.4	-5732.5
728	10.0	34125.3	-5713.0	818	10.5	40301.9	-5746.6	908	6.4	42145.3	-5721.4
729	11.3	34145.8	-5732.1	819	11.0	40307.3	-5749.6	909	9.6	42212.8	-5751.9
730	11.3	34152.7	-5726.1	820	11.0	40308.3	-5750.8	910	9.6	42213.4	-5757.6
731	8.1	34200.2	-5702.9	821	10.8	40311.6	-5703.2	911	11.3	42240.8	-5704.4
732	11.5	34236.6	-5748.0	822	11.0	40343.0	-5739.6	912	10.8	42251.4	-5748.6
733	11.5	34256.5	-5733.0	823	9.1	40349.3	-5751.8	913	11.3	42325.9	-5700.4
734	11.5	34303.7	-5704.9	824	9.3	40453.1	-5723.3	914	11.5	42427.9	-5713.3
915	11.3	42429.3	-5705.3
916	11.3	42448.7	-5758.5
917	11.0	42450.1	-5739.5
918	11.0	42455.3	-5747.5
919	9.7	42620.5	-5755.5
920	9.6	42628.0	-5702.2
921	8.1	42653.3	-5727.4
922	11.0	42705.2	-5709.2
923	9.3	42710.8	-5751.5
924	9.9	42820.8	-5740.6
925	8.2	42826.8	-5743.2
926	11.0	42911.5	-5702.1
927	11.0	42916.9	-5743.4
928	9.8	42931.4	-5743.6
929	11.0	42933.2	-5756.4
930	8.2	42938.6	-5725.9
931	9.3	43008.4	-5721.2
932	10.8	43025.1	-5750.4
933	11.0	43045.6	-5729.4
934	11.0	43046.3	-5731.4
935	9.2	43051.8	-5723.0
936	10.5	43102.9	-5748.4
937	10.5	43104.5	-5744.4
938	11.3	43104.5	-5723.0
939	8.5	43150.0	-5701.0
940	11.0	43150.0	-5713.0
941	11.5	43208.7	-5730.3
942	9.8	43217.8	-5739.6
943	9.0	43231.3	-5719.9
944	10.8	43234.8	-5735.3
945	9.3	43315.4	-5709.9
946	7.7	43321.2	-5740.6
947	11.3	43334.5	-5714.9
948	9.6	43408.4	-5708.9
949	9.0	43422.0	-5748.0
950	8.4	43431.9	-5711.6
951	10.5	43438.2	-5741.5
952	10.8	43451.7	-5700.8
953	11.0	43509.6	-5737.5
954	9.9	43535.8	-5747.5
955	9.9	43536.8	-5739.5
956	10.8	43555.1	-5727.5
957	8.3	43616.5	-5701.1
958	11.0	43621.8	-5732.5
959	11.5	43636.9	-5752.5
960	10.0	43649.3	-5712.0
961	8.0	43702.2	-5708.0
962	11.0	43702.7	-5750.5
963	10.5	43726.6	-5726.8
964	9.5	43738.7	-5754.5
965	10.8	43752.8	-5742.5
966	10.0	43809.8	-5727.0
967	11.0	43810.7	-5736.5
968	10.0	43811.0	-5716.0
969	10.0	43812.1	-5717.0
970	10.0	43818.3	-5710.0
971	10.0	43828.2	-5710.0
972	11.3	43838.8	-5732.5
973	11.0	43841.7	-5746.5
974	9.5	43849.7	-5701.0
975	11.5	43900.7	-5734.5
976	9.3	43907.7	-5737.5
977	10.8	43926.8	-5709.0
978	10.8	43931.7	-5723.0
979	11.5	44049.6	-5730.4
980	9.3	44103.4	-5719.0
981	9.6	44109.8	-5743.4
982	11.5	44113.5	-5735.4
983	11.3	44116.8	-5746.4
984	10.5	44125.3	-5711.0
985	10.3	44143.8	-5737.4
986	10.0	44156.0	-5708.0
987	11.0	44213.5	-5728.4
988	9.4	44217.3	-5748.4
989	11.5	44233.7	-5731.4
990	11.3	44253.9	-5744.4
991	9.7	44306.3	-5717.0
992	11.0	44333.0	-5728.8
993	11.5	44406.5	-5745.4
994	11.0	44407.2	-5707.0
995	9.7	44433.2	-5732.3
996	8.8	44504.2	-5722.0
997	11.0	44510.1	-5702.0
998	10.3	44523.7	-5722.0
999	11.0	44536.0	-5757.3
1000	11.0	44538.0	-5743.3
1001	7.7	44550.6	-5702.3
1002	9.2	44552.5	-5759.6
1003	10.0	44618.8	-5719.2
1004	10.8	44630.4	-5726.2

-57 1005 4h46m

-57 1364 6h05m

1005	10.0	44638.2	-5715.0	1095	10.5	50610.0	-5722.5	1185	9.8	52403.0	-5755.1	1275	10.0	54531.7	-5707.9
1006	11.0	44646.0	-5728.8	1096	8.2	50616.3	-5708.6	1186	10.0	52429.6	-5756.1	1276	10.8	54540.1	-5749.2
1007	11.5	44646.7	-5758.3	1097	10.0	50641.1	-5704.5	1187	10.3	52503.1	-5720.9	1277	10.8	54548.7	-5703.1
1008	9.8	44651.6	-5740.3	1098	9.6	50658.9	-5711.2	1188	10.5	52512.1	-5758.0	1278	11.0	54612.2	-5720.9
1009	9.5	44652.9	-5743.6	1099	10.8	50701.6	-5731.5	1189	10.0	52520.0	-5750.0	1279	10.8	54615.0	-5758.8
1010	11.0	44654.1	-5752.3	1100	11.5	50718.8	-5744.5	1190	10.5	52535.4	-5745.0	1280	9.5	54659.1	-5729.8
1011	9.6	44658.2	-5728.9	1101	9.3	50805.0	-5744.4	1191	10.8	52539.5	-5700.7	1281	10.0	54729.6	-5739.8
1012	8.6	44702.2	-5719.0	1102	10.8	50805.8	-5730.4	1192	10.3	52546.1	-5719.6	1282	10.3	54735.7	-5706.8
1013	11.3	44733.1	-5730.3	1103	11.0	50812.5	-5741.4	1193	10.5	52556.2	-5725.7	1283	10.3	54738.6	-5726.8
1014	10.0	44746.9	-5713.2	1104	10.0	50842.9	-5746.2	1194	8.8	52609.5	-5746.0	1284	10.5	54746.9	-5759.1
1015	8.7	44800.2	-5757.0	1105	11.5	50844.7	-5756.4	1195	10.5	52609.9	-5701.7	1285	10.3	54754.6	-5748.9
1016	10.5	44822.6	-5725.0	1106	10.3	50858.4	-5750.8	1196	11.0	52721.9	-5718.7	1286	10.0	54754.8	-5749.8
1017	10.3	44902.3	-5707.0	1107	9.1	50902.7	-5720.4	1197	9.1	52726.5	-5757.0	1287	9.5	54847.2	-5736.9
1018	11.5	44945.3	-5754.2	1108	9.9	50909.0	-5721.2	1198	10.5	52731.1	-5705.9	1288	10.5	54853.5	-5754.7
1019	9.8	44946.6	-5732.1	1109	8.5	50919.7	-5745.6	1199	9.8	52741.5	-5717.9	1289	9.7	54934.2	-5716.7
1020	10.3	45009.2	-5706.0	1110	10.5	50925.6	-5712.4	1200	11.0	52754.2	-5743.9	1290	11.0	54943.8	-5703.7
1021	9.1	45038.7	-5739.8	1111	10.0	50937.6	-5710.4	1201	10.5	52759.1	-5721.9	1291	10.8	54949.0	-5738.7
1022	8.5	45039.4	-5724.2	1112	9.6	51012.0	-5745.4	1202	11.0	52830.6	-5720.9	1292	5.9	55014.6	-5710.7
1023	10.3	45058.0	-5710.0	1113	8.8	51015.7	-5728.4	1203	8.8	52834.3	-5728.9	1293	10.3	55025.6	-5724.7
1024	10.3	45121.9	-5710.0	1114	10.0	51033.2	-5711.4	1204	7.5	52838.3	-5715.4	1294	8.3	55029.5	-5755.7
1025	7.9	45122.5	-5732.1	1115	9.4	51059.8	-5727.8	1205	8.9	52847.8	-5704.6	1295	9.6	55032.1	-5754.7
1026	11.0	45130.1	-5701.0	1116	11.0	51103.2	-5737.4	1206	10.3	52924.0	-5740.9	1296	10.5	55055.7	-5725.7
1027	10.5	45132.6	-5704.0	1117	10.3	51114.0	-5718.3	1207	10.0	52938.6	-5703.6	1297	10.5	55056.5	-5730.7
1028	11.0	45134.9	-5706.0	1118	11.5	51136.2	-5729.4	1208	8.6	52944.4	-5720.6	1298	10.5	55102.0	-5745.7
1029	11.5	45142.1	-5755.1	1119	11.0	51137.7	-5744.4	1209	10.0	52949.7	-5702.5	1299	10.0	55104.8	-5727.8
1030	11.3	45150.7	-5727.1	1120	9.7	51154.7	-5743.4	1210	10.3	53028.4	-5733.9	1300	10.5	55132.6	-5707.9
1031	10.8	45203.2	-5702.0	1121	9.4	51211.5	-5758.3	1211	10.5	53101.2	-5744.9	1301	10.5	55139.9	-5746.6
1032	9.2	45208.8	-5745.0	1122	9.4	51212.6	-5748.3	1212	10.0	53113.6	-5713.3	1302	10.3	55200.9	-5747.6
1033	10.8	45209.9	-5705.0	1123	11.0	51238.3	-5725.4	1213	7.4	53126.8	-5710.3	1303	10.5	55244.2	-5745.6
1034	11.5	45215.7	-5756.0	1124	10.8	51245.0	-5749.3	1214	10.5	53132.6	-5756.8	1304	10.5	55247.9	-5743.6
1035	11.3	45243.7	-5751.0	1125	10.5	51301.6	-5747.3	1215	9.7	53149.5	-5744.6	1305	10.5	55250.8	-5719.9
1036	11.0	45252.4	-5730.0	1126	10.8	51303.6	-5728.4	1216	9.9	53158.6	-5723.2	1306	10.8	55252.4	-5751.6
1037	11.0	45256.4	-5751.0	1127	9.5	51307.8	-5727.2	1217	9.7	53200.2	-5701.8	1307	10.0	55300.8	-5731.6
1038	8.4	45307.4	-5737.2	1128	9.6	51339.1	-5750.5	1218	10.0	53209.6	-5707.5	1308	10.5	55305.4	-5716.9
1039	9.7	45412.8	-5722.0	1129	9.4	51344.2	-5740.5	1219	9.7	53235.1	-5718.5	1309	10.3	55311.8	-5728.8
1040	10.5	45414.2	-5706.0	1130	9.9	51352.6	-5752.3	1220	9.4	53239.0	-5746.8	1310	10.5	55324.4	-5755.6
1041	9.4	45422.4	-5706.8	1131	9.9	51354.2	-5717.1	1221	10.3	53258.3	-5756.8	1311	10.3	55328.9	-5717.9
1042	11.5	45454.1	-5753.0	1132	9.6	51359.2	-5740.3	1222	10.5	53317.5	-5749.8	1312	10.3	55339.4	-5733.8
1043	10.5	45521.6	-5705.0	1133	11.0	51457.1	-5702.2	1223	10.5	53327.0	-5752.0	1313	9.3	55356.1	-5704.9
1044	11.3	45548.5	-5746.0	1134	11.5	51501.0	-5744.3	1224	8.9	53330.1	-5713.2	1314	9.5	55412.6	-5704.9
1045	11.5	45607.5	-5749.0	1135	9.8	51526.2	-5718.5	1225	9.7	53346.1	-5721.4	1315	9.2	55442.1	-5707.9
1046	9.4	45630.3	-5737.0	1136	10.3	51527.0	-5739.3	1226	10.0	53357.2	-5708.4	1316	10.5	55450.9	-5739.5
1047	11.3	45634.7	-5746.0	1137	10.5	51529.3	-5759.0	1227	10.5	53402.0	-5732.8	1317	10.0	55502.1	-5706.9
1048	10.8	45639.1	-5712.0	1138	9.9	51531.8	-5715.0	1228	10.0	53409.2	-5713.4	1318	10.3	55521.8	-5728.2
1049	9.9	45705.3	-5736.3	1139	9.4	51540.8	-5703.1	1229	10.0	53410.7	-5710.4	1319	9.9	55600.1	-5759.5
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1051	7.9	45804.5	-5747.7	1141	8.2	51552.4	-5734.3	1231	9.8	53428.0	-5734.8	1321	8.7	55608.6	-5722.7
1052	9.8	45808.6	-5735.6	1142	8.1	51617.5	-5733.2	1232	10.5	53448.4	-5713.4	1322	9.7	55609.5	-5710.9
1053	11.0	45810.0	-5732.9	1143	10.0	51619.1	-5753.2	1233	9.8	53510.6	-5722.6	1323	9.8	55630.9	-5737.5
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1055	9.6	45902.1	-5719.9	1145	10.5	51633.7	-5759.2	1235	10.0	53535.8	-5733.7	1325	9.8	55656.0	-5709.9
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1058	11.8	45954.7	-5726.8	1148	10.8	51646.7	-5706.1	1238	10.0	53600.6	-5710.5	1328	8.8	55809.9	-5753.4
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1061	11.3	50059.0	-5726.3	1151	9.7	51703.6	-5751.2	1241	9.6	53620.5	-5723.2	1331	9.2	55855.1	-5754.4
1062	10.8	50101.1	-5710.8	1152	9.9	51736.7	-5722.1	1242	11.0	53638.2	-5722.0	1332	10.5	55903.4	-5723.3
1063	9.4	50105.1	-5744.9	1153	11.0	51740.6	-5704.1	1243	10.8	53714.4	-5713.6	1333	9.0	55907.1	-5746.6
1064	9.4	50110.6	-5720.8	1154	11.0	51743.6	-5706.1	1244	11.0	53726.0	-5745.7	1334	10.0	55939.1	-5708.9
1065	10.8	50125.2	-5704.8	1155	11.0	51744.4	-5736.2	1245	10.3	53728.5	-5752.9	1335	10.3	60043.7	-5730.6
1066	10.5	50134.6	-5724.8	1156	10.5	51749.5	-5742.2	1246	9.4	53731.2	-5714.6	1336	10.3	60045.8	-5732.9
1067	11.3	50148.1	-5754.7	1157	11.0	51755.0	-5751.2	1247	10.0	53754.8	-5726.1	1337	10.3	60109.5	-5754.2
1068	11.0	50213.8	-5722.7	1158	10.0	51830.2	-5712.0	1248	9.6	53812.7	-5740.6	1338	10.5	60110.9	-5738.2
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1070	10.8	50219.8	-5729.7	1160	10.3	51849.8	-5728.0	1250	10.3	53833.2	-5729.4	1340	10.8	60215.6	-5727.4
1071	11.3	50221.9	-5751.7	1161	9.7	51916.8	-5726.2	1251	9.4	53845.3	-5735.6	1341	9.7	60230.9	-5740.0
1072	10.0	50229.6	-5712.9	1162	10.3	51920.1	-5748.2	1252	11.0	53848.1	-5740.6	1342	9.9	60235.9	-5745.2
1073	9.7	50231.5	-5731.9	1163	10.5	51932.2	-5742.2	1253	10.5	53902.8	-5705.2	1343	9.5	60251.5	-5701.7
1074	8.1	50243.6	-5750.7	1164	10.3	51940.3	-5726.1	1254	10.5	53903.2	-5759.6	1344	10.3	60255.4	-5745.5
1075	7.9	50311.5	-5721.7	1165	10.5	52015.5	-5741.1	1255	8.6	53909.8	-5730.1	1345	11.0	60258.4	-5714.7
1076	10.5	50320.5	-5708.7	1166	9.7	52041.7	-5743.1	1256	9.0	53913.5	-5726.6	1346	11.0	60300.3	-5718.7
1077	4.7	50322.4	-5738.6	1167	11.0	52044.2	-5758.1	1257	10.0	53932.7	-5708.2	1347	8.9	60300.6	-5750.5
1078	9.3	50332.4	-5750.8	1168	10.3	52109.6	-5735.1	1258	11.0	54015.4	-5723.2	1348	10.5	60321.0	-5728.5
1079	8.6	50340.0	-5743.6	1169	10.3	52121.2	-5731.7	1259	9.2	54041.8	-5758.1	1349	9.7	60322.0	-5752.5
1080	10.3	50351.8	-5730.6	1170	9.7	52128.6	-5714.9	1260	10.3	54050.3	-5757.1	1350	10.0	60347.0	-5731.5
1081	10.3	50400.4	-5718.8	1171	9.6	52141.1	-5740.1	1261	10.5	54052.0	-5746.1	1351	8.5	60348.8	-5758.5
1082	10.5	50408.8	-5751.6	1172	9.4	52209.6	-5718.7	1262	9.3	54053.6	-5730.4	1352	11.0	60349.3	-5747.5
1083	9.1	50430.2	-5742.8	1173	10.0	52214.1	-5720.7	1263	9.4	54156.2	-5748.8	1353	11.0	60349.3	-5752.5
1084	11.8	50442.9	-5731.6	1174	9.8	52219.2	-5729.6	1264	10.5	54240.6	-5738.0	1354	11.0	60406.0	-5737.0
1085	9.5	50444.5	-5737.6	1175	11.0	52220.7	-5752.1	1265	10.3	54241.8	-5745.0	1355	11.0	60415.4	-5738.5
1086	10.5	50500.2	-5726.6	1176	11.0	52236.3	-5701.9	1266	9.4	54256.9	-5744.0	1356	11.0	60415.4	-5747.5
1087	10.5	50500.3	-5708.4	1177	10.5	52240.7	-5738.1	1267	10.3	54325.6	-5732.0	1357	9.4	60416.9	-5708.7
1088	10.5	50521.9	-5710.6	1178	10.5	52248.2	-5736.4	1268	10.0	54354.8	-5707.2	1358	10.5	60425.3	-5756.5
1089	10.5	50537.7	-5713.5	1179	10.5	52253.6	-5737.1	1269	10.5	54358.6	-5709.0	1359	11.0	60437.5	-5719.7
1090	11.0	50544.7	-5748.6	1180	9.1	52256.1	-5720.9	1270	10.5	54417.1	-5750.9	1360	9.4	60448.8	-5704.7
1091	9.2	50550.7	-5756.3	1181	10.8	52257.4	-5705.9	1271	10.5	54420.2	-5727.9	1361	11.0	60455.5	-5736.5
1092	9.8	50601.5	-5713.6	1182	9.4	52319.0	-5746.0	1272	10.8	54444.8	-5718.0	1362	11.0	60456.9	-5743.5
1093	11.0	50604.8	-5745.5	1183	9.9	52353.6	-5712.8	1273	10.5	54454.5	-5728.9	1363	9.5	60514.4	-5709.6
1094	10.5	50605.9	-5732.8	1184	9.5	52359.1	-5707.8	1274	10.5	54510.2	-5726.0	1364	9.6	60524.9	-5746.4

-57 1365 6h05m

-57 1724 7h21m

1365	10.8	60544.1	-5715.6	1455	11.0	62539.8	-5733.7	1545	10.0	64719.1	-5726.1	1635	10.5	70438.5	-5753.4
1366	10.3	60553.4	-5709.6	1456	8.6	62605.3	-5714.9	1546	10.0	64749.0	-5757.0	1636	10.0	70531.0	-5751.4
1367	10.8	60601.0	-5710.6	1457	11.0	62630.7	-5739.7	1547	10.5	64803.9	-5724.0	1637	10.0	70536.4	-5703.4
1368	9.9	60610.9	-5711.6	1458	9.8	62640.9	-5741.7	1548	10.3	64831.2	-5752.0	1638	7.0	70551.6	-5707.6
1369	8.4	60617.8	-5754.4	1459	10.0	62650.5	-5751.7	1549	8.9	64832.6	-5714.1	1639	9.6	70621.5	-5744.4
1370	8.6	60623.3	-5734.4	1460	8.4	62652.0	-5730.7	1550	10.0	64835.8	-5739.0	1640	9.4	70624.3	-5752.0
1371	9.7	60626.4	-5717.6	1461	9.0	62740.0	-5711.6	1551	9.8	64859.9	-5754.0	1641	10.8	70654.9	-5758.6
1372	10.5	60640.6	-5707.6	1462	9.6	62823.9	-5741.7	1552	9.2	64912.9	-5706.8	1642	9.1	70710.0	-5717.5
1373	11.0	60712.4	-5702.6	1463	10.8	62834.4	-5720.9	1553	10.5	64921.3	-5735.9	1643	10.5	70718.7	-5759.3
1374	9.7	60730.3	-5754.4	1464	9.4	62839.0	-5700.9	1554	10.3	64940.5	-5724.0	1644	9.3	70722.7	-5723.1
1375	9.3	60744.4	-5745.4	1465	8.1	62918.3	-5731.7	1555	10.5	64941.1	-5722.0	1645	10.3	70729.5	-5714.3
1376	11.0	60814.0	-5734.4	1466	10.5	62955.5	-5726.8	1556	9.7	65021.7	-5758.9	1646	10.5	70730.2	-5703.3
1377	10.5	60827.1	-5759.4	1467	10.8	62958.1	-5725.8	1557	9.6	65034.9	-5750.9	1647	11.0	70750.5	-5753.3
1378	9.7	60847.0	-5748.2	1468	10.0	63003.6	-5738.7	1558	9.8	65039.6	-5725.9	1648	10.8	70753.4	-5749.4
1379	11.0	60902.1	-5740.4	1469	10.8	63009.5	-5707.8	1559	10.0	65042.7	-5700.9	1649	8.8	70754.9	-5733.4
1380	11.0	60907.3	-5736.4	1470	9.4	63030.0	-5747.4	1560	9.9	65126.5	-5726.9	1650	10.5	70816.2	-5743.4
1381	10.8	60910.8	-5730.4	1471	10.5	63042.4	-5757.8	1561	9.8	65129.9	-5733.9	1651	11.0	70818.9	-5752.0
1382	10.3	60933.3	-5727.4	1472	11.0	63101.0	-5731.6	1562	9.6	65133.9	-5731.9	1652	11.0	70826.2	-5726.6
1383	11.0	60954.3	-5714.5	1473	9.6	63102.0	-5714.7	1563	10.3	65139.7	-5733.9	1653	10.5	70838.1	-5745.4
1384	9.8	61010.2	-5707.5	1474	10.0	63104.4	-5703.7	1564	10.0	65151.1	-5733.9	1654	9.9	70838.8	-5724.6
1385	9.7	61010.2	-5749.3	1475	9.7	63113.4	-5739.6	1565	10.0	65239.3	-5743.8	1655	10.8	70845.0	-5759.6
1386	11.0	61023.8	-5731.3	1476	11.0	63124.6	-5704.7	1566	9.5	65242.3	-5741.8	1656	11.0	70855.5	-5735.6
1387	11.0	61030.5	-5712.5	1477	10.5	63126.3	-5716.7	1567	10.8	65259.9	-5735.8	1657	10.3	70905.6	-5758.6
1388	10.0	61030.8	-5722.5	1478	10.5	63133.1	-5751.6	1568	10.3	65313.8	-5759.8	1658	10.0	70908.2	-5749.0
1389	10.5	61045.9	-5701.5	1479	11.0	63143.9	-5725.7	1569	9.8	65315.2	-5710.8	1659	10.8	70909.7	-5733.6
1390	9.9	61049.5	-5705.5	1480	9.9	63300.5	-5746.5	1570	9.9	65316.4	-5751.8	1660	10.5	70929.2	-5729.4
1391	9.5	61202.0	-5752.5	1481	10.0	63302.6	-5722.6	1571	9.2	65324.6	-5734.8	1661	10.3	70931.4	-5719.2
1392	11.0	61241.8	-5757.3	1482	8.7	63308.3	-5709.6	1572	8.6	65356.6	-5735.8	1662	11.0	70932.2	-5708.2
1393	11.0	61248.0	-5743.3	1483	11.0	63317.7	-5700.6	1573	7.7	65412.9	-5724.2	1663	10.3	70940.2	-5728.0
1394	9.8	61308.0	-5730.0	1484	10.5	63325.4	-5708.6	1574	9.7	65436.8	-5738.7	1664	10.3	70943.1	-5736.4
1395	9.3	61321.3	-5700.4	1485	9.4	63334.0	-5746.5	1575	10.3	65457.4	-5744.7	1665	8.3	71008.0	-5720.2
1396	8.5	61338.2	-5739.3	1486	9.9	63339.2	-5726.7	1576	10.3	65500.2	-5727.2	1666	9.0	71026.2	-5701.0
1397	11.0	61345.0	-5735.3	1487	10.5	63358.9	-5704.6	1577	10.5	65500.8	-5735.7	1667	6.7	71030.9	-5716.3
1398	10.5	61356.4	-5737.3	1488	10.5	63401.6	-5731.3	1578	10.5	65601.8	-5705.7	1668	9.6	71034.6	-5741.5
1399	9.3	61359.6	-5757.4	1489	9.6	63405.4	-5703.6	1579	9.0	65615.6	-5745.9	1669	10.8	71051.6	-5715.0
1400	10.5	61434.5	-5754.2	1490	9.3	63407.9	-5736.5	1580	8.9	65622.7	-5755.2	1670	9.1	71128.5	-5755.5
1401	10.5	61439.6	-5756.2	1491	7.3	63421.6	-5726.3	1581	9.5	65623.9	-5731.2	1671	10.3	71130.1	-5707.1
1402	10.5	61451.7	-5748.2	1492	11.0	63421.9	-5753.5	1582	9.9	65637.3	-5743.7	1672	10.5	71132.2	-5721.1
1403	10.0	61533.1	-5704.3	1493	10.5	63422.3	-5739.5	1583	10.5	65644.0	-5759.7	1673	9.4	71155.3	-5739.5
1404	10.5	61534.1	-5750.2	1494	9.6	63436.9	-5701.5	1584	9.5	65650.4	-5741.7	1674	10.8	71159.5	-5757.5
1405	10.0	61540.2	-5730.2	1495	10.0	63439.8	-5731.5	1585	9.7	65657.0	-5720.7	1675	10.0	71200.6	-5726.1
1406	10.5	61549.0	-5755.2	1496	9.7	63456.0	-5753.5	1586	9.5	65704.6	-5731.2	1676	10.5	71206.8	-5742.5
1407	10.0	61552.3	-5723.3	1497	9.6	63459.0	-5750.5	1587	8.1	65712.9	-5749.7	1677	10.8	71252.9	-5729.4
1408	10.5	61559.2	-5700.3	1498	11.0	63501.4	-5758.5	1588	10.8	65718.6	-5715.7	1678	9.2	71253.5	-5716.1
1409	10.8	61601.1	-5746.2	1499	10.5	63521.7	-5751.4	1589	11.0	65738.7	-5723.7	1679	10.0	71254.7	-5730.4
1410	10.8	61603.7	-5730.1	1500	10.8	63525.3	-5712.5	1590	9.8	65800.2	-5719.7	1680	10.5	71328.0	-5725.2
1411	8.0	61605.5	-5717.3	1501	8.6	63531.9	-5719.5	1591	10.5	65820.1	-5751.8	1681	9.5	71348.4	-5729.1
1412	9.5	61608.0	-5752.4	1502	11.0	63535.0	-5751.4	1592	10.0	65822.0	-5743.8	1682	9.2	71405.0	-5724.2
1413	10.8	61612.6	-5758.1	1503	10.5	63559.9	-5706.5	1593	10.8	65825.1	-5714.6	1683	8.3	71441.7	-5747.4
1414	10.3	61637.5	-5732.0	1504	10.8	63600.1	-5722.5	1594	10.5	65828.5	-5742.8	1684	7.9	71513.6	-5739.4
1415	10.3	61643.4	-5720.2	1505	10.8	63611.9	-5704.5	1595	10.5	65840.0	-5735.8	1685	9.9	71514.3	-5724.8
1416	10.5	61646.9	-5749.1	1506	10.5	63638.0	-5709.5	1596	8.0	65854.0	-5700.6	1686	9.5	71520.3	-5758.4
1417	10.5	61652.0	-5748.1	1507	11.0	63644.4	-5755.4	1597	9.8	65925.0	-5758.8	1687	9.8	71529.4	-5749.4
1418	10.5	61656.4	-5706.2	1508	11.0	63722.4	-5751.4	1598	11.0	65942.0	-5740.6	1688	10.3	71551.7	-5732.4
1419	10.5	61706.9	-5734.1	1509	10.5	63733.9	-5707.4	1599	7.4	65949.1	-5707.8	1689	10.5	71559.8	-5750.4
1420	9.9	61730.5	-5714.2	1510	10.0	63743.4	-5704.4	1600	8.2	65950.9	-5725.4	1690	10.5	71607.2	-5742.3
1421	11.0	61747.1	-5728.1	1511	9.5	63743.8	-5734.4	1601	10.3	65955.9	-5732.6	1691	7.4	71608.2	-5707.0
1422	9.3	61752.0	-5759.1	1512	10.0	63811.9	-5706.4	1602	10.5	70000.8	-5747.6	1692	10.3	71659.9	-5754.7
1423	10.3	61759.5	-5712.2	1513	9.5	63833.9	-5738.4	1603	10.8	70012.9	-5702.6	1693	7.0	71704.9	-5749.3
1424	10.3	61800.8	-5714.2	1514	10.0	63851.1	-5721.4	1604	10.5	70021.5	-5718.2	1694	10.3	71706.9	-5753.3
1425	10.0	61800.8	-5724.2	1515	10.0	63949.4	-5742.3	1605	10.5	70024.5	-5704.6	1695	10.5	71711.4	-5717.9
1426	10.0	61802.6	-5716.2	1516	10.3	63954.8	-5743.3	1606	10.5	70052.0	-5740.5	1696	7.1	71714.6	-5712.9
1427	10.3	61829.8	-5748.2	1517	10.0	64010.1	-5722.3	1607	9.0	70057.8	-5732.5	1697	8.3	71727.2	-5732.3
1428	10.0	61835.9	-5710.2	1518	10.3	64023.9	-5708.3	1608	8.6	70104.8	-5718.6	1698	9.3	71751.6	-5727.1
1429	10.0	61843.0	-5717.2	1519	10.0	64058.0	-5716.3	1609	10.5	70119.5	-5741.5	1699	10.5	71757.3	-5740.0
1430	10.0	61855.4	-5719.2	1520	9.7	64119.9	-5739.3	1610	10.5	70134.0	-5739.5	1700	9.4	71800.8	-5727.1
1431	10.5	61911.6	-5750.0	1521	9.3	64200.5	-5716.2	1611	10.3	70134.8	-5727.2	1701	8.9	71804.9	-5724.7
1432	10.5	62021.1	-5709.1	1522	10.3	64207.4	-5756.3	1612	10.5	70136.1	-5744.5	1702	10.3	71812.3	-5739.0
1433	11.0	62024.0	-5744.0	1523	10.8	64225.0	-5744.3	1613	8.9	70137.1	-5717.5	1703	9.5	71816.8	-5703.7
1434	8.7	62026.4	-5731.8	1524	10.0	64225.5	-5752.6	1614	10.3	70139.4	-5724.5	1704	9.1	71817.0	-5714.9
1435	10.5	62030.0	-5728.0	1525	10.5	64231.0	-5706.2	1615	10.5	70139.9	-5732.5	1705	10.8	71831.7	-5729.3
1436	9.7	62114.3	-5723.1	1526	8.3	64236.5	-5718.2	1616	9.3	70141.0	-5726.0	1706	10.0	71839.8	-5725.6
1437	11.0	62120.2	-5714.1	1527	9.5	64319.4	-5744.2	1617	9.9	70210.1	-5753.5	1707	9.7	71841.2	-5730.3
1438	10.8	62122.1	-5756.9	1528	10.5	64335.0	-5716.2	1618	10.3	70214.4	-5723.5	1708	10.0	71848.6	-5730.3
1439	10.5	62125.9	-5737.9	1529	10.8	64339.1	-5738.2	1619	10.3	70219.0	-5721.5	1709	10.0	71902.3	-5706.6
1440	10.5	62207.4	-5706.1	1530	10.3	64351.7	-5725.2	1620	10.3	70228.8	-5725.5	1710	9.1	71908.9	-5713.6
1441	11.0	62218.3	-5759.9	1531	11.0	64354.1	-5732.2	1621	9.4	70230.0	-5700.3	1711	9.2	71920.2	-5702.6
1442	9.9	62248.0	-5735.9	1532	9.4	64424.9	-5704.2	1622	9.8	70243.6	-5718.2	1712	9.7	71942.6	-5708.8
1443	10.8	62322.4	-5748.8	1533	10.8	64427.8	-5716.2	1623	10.3	70245.3	-5749.5	1713	9.3	72019.8	-5707.8
1444	9.7	62335.6	-5724.2	1534	10.5	64450.2	-5728.1	1624	9.7	70259.6	-5730.5	1714	10.3	72046.8	-5727.1
1445	9.8	62355.5	-5758.8	1535	10.5	64508.6	-5702.1	1625	9.9	70300.5	-5724.5	1715	9.7	72047.8	-5728.5
1446	9.2	62406.9	-5721.0	1536	9.6	64519.8	-5759.0	1626	8.6	70314.9	-5709.5	1716	10.3	72047.8	-5741.2
1447	10.8	62413.7	-5757.6	1537	10.5	64526.4	-5754.1	1627	9.6	70319.6	-5751.5	1717	10.5	72103.4	-5751.2
1448	10.5	62426.5	-5746.8	1538	9.7	64552.4	-5756.1	1628	10.3	70331.1	-5734.5	1718	11.0	72107.2	-5731.2
1449	10.3	62504.7	-5719.0	1539	10.0	64556.9	-5748.4	1629	9.2	70349.6	-5748.5	1719	10.3	72111.4	-5747.2
1450	6.0	62505.8	-5755.1	1540	8.4	64606.0	-5720.8	1630	11.0	70350.0	-5757.5	1720	8.1	72123.5	-5751.2
1451	9.9	62517.8	-5707.0	1541	7.4	64609.4	-5731.1	1631	10.5	70350.7	-5711.4	1721	9.1	72125.8	-5721.6
1452	10.5	62522.8	-5709.0	1542	10.5	64643.4	-5757.0	1632	9.4	70402.0	-5703.4	1722	10.3	72147.2	-5745.2
1453	9.9	62535.1	-5749.7	1543	10.0	64646.8	-5756.0	1633	9.5	70417.6	-5716.8	1723	10.5	72150.8	-5729.2
1454	10.3	62539.6	-5754.7	1544	10.5	64706.0	-5722.1	1634	7.3	70419.9	-5735.4	1724	10.3	72153.9	-5710.6

-57 1725 7h21m

-57 2084 8h18m

1725	10.3	72156.4	-5734.2	1815	9.5	73513.6	-5718.2	1905	11.0	75113.2	-5747.3
1726	8.9	72159.0	-5702.8	1816	9.2	73547.6	-5707.4	1906	9.4	75115.9	-5740.3
1727	9.7	72201.4	-5753.0	1817	9.7	73600.8	-5738.7	1907	9.7	75120.5	-5744.3
1728	9.2	72216.6	-5741.2	1818	10.0	73619.9	-5745.7	1908	8.9	75127.3	-5714.7
1729	10.0	72222.7	-5731.2	1819	11.0	73638.7	-5724.3	1909	10.5	75210.5	-5725.4
1730	10.0	72226.3	-5702.9	1820	10.5	73643.9	-5702.0	1910	9.7	75210.5	-5722.9
1731	10.0	72230.4	-5700.5	1821	10.5	73648.9	-5709.3	1911	10.8	75212.9	-5724.6
1732	9.5	72230.9	-5745.7	1822	10.3	73649.9	-5702.3	1912	10.8	75214.1	-5745.2
1733	10.5	72233.2	-5710.9	1823	9.6	73654.8	-5741.7	1913	11.0	75226.7	-5755.2
1734	10.8	72247.6	-5709.7	1824	10.0	73658.8	-5742.7	1914	10.5	75228.0	-5718.6
1735	9.8	72251.8	-5756.1	1825	10.0	73700.4	-5707.5	1915	11.0	75234.2	-5713.6
1736	10.5	72310.2	-5736.1	1826	10.3	73702.2	-5704.3	1916	9.6	75238.0	-5745.2
1737	10.8	72321.5	-5721.7	1827	10.3	73702.8	-5740.7	1917	8.8	75238.2	-5715.4
1738	9.9	72332.8	-5741.5	1828	10.3	73705.4	-5731.7	1918	9.7	75245.4	-5726.9
1739	9.9	72339.2	-5713.7	1829	10.5	73714.3	-5728.5	1919	9.4	75258.5	-5753.2
1740	10.3	72343.3	-5729.1	1830	10.5	73719.8	-5724.3	1920	9.7	75312.1	-5752.8
1741	9.7	72405.9	-5758.8	1831	9.7	73731.3	-5739.7	1921	11.0	75316.2	-5708.6
1742	9.7	72416.7	-5715.9	1832	9.6	73755.9	-5749.1	1922	11.0	75318.2	-5710.6
1743	10.3	72431.9	-5746.1	1833	11.0	73806.7	-5754.7	1923	11.0	75348.1	-5749.2
1744	10.0	72438.3	-5739.4	1834	10.3	73809.8	-5728.3	1924	11.0	75400.3	-5753.2
1745	9.0	72440.9	-5721.7	1835	9.8	73817.0	-5715.0	1925	7.6	75420.7	-5705.5
1746	10.5	72447.4	-5730.1	1836	10.0	73818.1	-5739.3	1926	10.3	75429.0	-5739.5
1747	10.5	72548.3	-5744.0	1837	11.0	73820.4	-5758.7	1927	10.5	75436.2	-5752.2
1748	7.1	72554.8	-5749.0	1838	10.3	73831.5	-5740.7	1928	9.8	75449.1	-5744.1
1749	9.0	72613.6	-5742.5	1839	11.0	73858.1	-5711.2	1929	10.5	75450.1	-5730.1
1750	10.3	72648.4	-5728.3	1840	10.5	73928.7	-5704.2	1930	10.8	75504.6	-5704.3
1751	10.5	72656.0	-5748.0	1841	9.6	73935.3	-5740.3	1931	7.5	75506.1	-5708.5
1752	10.5	72657.8	-5743.0	1842	9.2	73940.8	-5743.6	1932	10.3	75522.5	-5727.8
1753	11.0	72732.3	-5749.0	1843	9.2	74020.6	-5725.8	1933	11.0	75534.5	-5736.1
1754	8.5	72734.0	-5707.6	1844	9.9	74022.4	-5714.2	1934	11.5	75536.2	-5748.1
1755	8.5	72736.8	-5758.0	1845	6.8	74032.2	-5756.0	1935	10.8	75547.5	-5741.1
1756	9.9	72745.3	-5736.0	1846	10.0	74033.4	-5751.3	1936	10.5	75553.8	-5706.5
1757	8.6	72757.0	-5711.6	1847	10.8	74043.6	-5713.2	1937	10.3	75603.1	-5720.3
1758	9.6	72801.3	-5706.2	1848	9.4	74103.4	-5736.8	1938	9.6	75612.0	-5707.3
1759	10.0	72816.7	-5731.0	1849	10.5	74117.5	-5706.1	1939	11.5	75616.3	-5735.1
1760	9.0	72823.9	-5728.6	1850	10.8	74120.4	-5703.1	1940	11.0	75616.8	-5757.1
1761	10.5	72826.8	-5749.0	1851	10.8	74124.3	-5710.1	1941	11.0	75631.6	-5748.1
1762	8.3	72838.9	-5743.3	1852	8.6	74126.0	-5728.4	1942	9.7	75646.6	-5748.1
1763	9.3	72841.0	-5718.5	1853	10.0	74133.9	-5750.6	1943	9.6	75657.6	-5720.4
1764	8.7	72852.0	-5719.5	1854	11.0	74153.2	-5706.1	1944	9.7	75705.1	-5704.4
1765	10.5	72903.3	-5720.5	1855	8.8	74153.9	-5738.5	1945	10.8	75711.4	-5726.9
1766	7.3	72906.2	-5739.6	1856	11.0	74156.0	-5715.1	1946	9.8	75717.6	-5722.2
1767	9.5	72919.9	-5751.9	1857	10.0	74157.3	-5739.5	1947	9.3	75727.0	-5725.3
1768	10.5	72920.5	-5714.5	1858	9.4	74228.2	-5758.8	1948	10.0	75728.6	-5713.0
1769	10.0	72921.8	-5720.2	1859	10.0	74228.3	-5742.5	1949	11.3	75816.5	-5741.3
1770	10.5	72926.6	-5704.5	1860	9.4	74234.9	-5747.3	1950	7.8	75819.9	-5706.4
1771	10.3	72929.1	-5725.5	1861	10.0	74244.9	-5748.5	1951	9.8	75845.5	-5725.3
1772	11.0	72936.3	-5730.9	1862	9.4	74313.4	-5719.0	1952	7.9	75855.4	-5746.0
1773	10.5	72946.4	-5724.9	1863	10.5	74315.8	-5717.0	1953	11.0	75857.6	-5753.0
1774	10.5	72951.3	-5705.8	1864	11.0	74322.6	-5711.0	1954	10.8	75904.5	-5742.3
1775	9.9	72959.7	-5726.4	1865	9.7	74324.4	-5707.0	1955	10.3	75915.6	-5707.5
1776	10.5	72959.7	-5711.5	1866	10.8	74328.6	-5733.5	1956	11.0	75917.9	-5753.0
1777	9.0	73020.6	-5706.4	1867	10.8	74331.9	-5707.8	1957	10.3	75919.6	-5752.5
1778	9.8	73027.9	-5744.9	1868	10.5	74342.6	-5736.5	1958	10.0	75920.6	-5723.8
1779	10.8	73044.1	-5724.4	1869	10.3	74356.6	-5758.5	1959	10.8	75923.4	-5730.5
1780	9.0	73046.2	-5730.9	1870	10.3	74410.9	-5705.0	1960	10.0	75939.3	-5737.0
1781	9.8	73048.8	-5718.0	1871	11.0	74417.9	-5752.5	1961	9.2	75950.9	-5729.2
1782	9.5	73048.8	-5739.9	1872	10.5	74419.4	-5705.7	1962	10.5	80000.0	-5727.3
1783	9.9	73102.9	-5753.9	1873	10.8	74430.1	-5703.9	1963	10.5	80004.1	-5758.0
1784	10.8	73116.0	-5703.4	1874	8.4	74455.8	-5740.5	1964	9.6	80013.2	-5717.6
1785	9.2	73118.8	-5728.9	1875	11.0	74501.9	-5747.5	1965	11.3	80022.5	-5747.0
1786	10.5	73124.4	-5714.4	1876	10.5	74506.3	-5754.4	1966	11.0	80023.6	-5732.4
1787	10.3	73129.3	-5742.9	1877	11.0	74536.7	-5748.4	1967	10.8	80025.3	-5743.0
1788	10.8	73151.7	-5724.4	1878	9.4	74558.5	-5715.9	1968	11.0	80025.0	-5703.3
1789	10.3	73152.2	-5745.9	1879	11.0	74559.2	-5758.4	1969	9.3	80056.4	-5710.3
1790	10.3	73153.8	-5720.4	1880	10.0	74559.9	-5719.9	1970	10.5	80059.8	-5701.5
1791	10.5	73200.2	-5701.4	1881	11.0	74637.9	-5759.4	1971	10.0	80109.5	-5718.3
1792	9.7	73201.4	-5751.3	1882	10.3	74645.9	-5744.4	1972	11.0	80137.7	-5725.9
1793	8.8	73230.4	-5716.4	1883	10.5	74649.1	-5734.4	1973	10.3	80147.0	-5742.9
1794	9.4	73251.9	-5753.8	1884	10.0	74657.4	-5716.8	1974	9.1	80151.8	-5739.2
1795	9.2	73252.3	-5717.8	1885	10.5	74736.9	-5725.9	1975	11.0	80204.8	-5733.9
1796	9.3	73309.7	-5733.2	1886	9.8	74742.9	-5740.6	1976	8.2	80217.6	-5725.4
1797	11.0	73314.8	-5757.8	1887	9.7	74804.1	-5711.8	1977	8.2	80226.6	-5759.9
1798	10.3	73321.3	-5718.4	1888	10.5	74827.5	-5723.8	1978	10.0	80231.0	-5700.2
1799	9.6	73331.3	-5704.3	1889	10.0	74839.9	-5740.8	1979	9.7	80240.8	-5702.3
1800	10.5	73335.6	-5725.3	1890	9.4	74909.3	-5732.3	1980	10.0	80255.1	-5730.9
1801	7.3	73335.8	-5701.2	1891	10.3	74932.0	-5721.7	1981	11.5	80317.9	-5747.9
1802	11.0	73343.1	-5748.8	1892	10.8	74950.5	-5707.7	1982	9.7	80318.1	-5753.9
1803	10.3	73345.0	-5724.2	1893	9.6	74953.0	-5725.1	1983	10.0	80321.7	-5704.2
1804	8.8	73346.2	-5724.4	1894	10.3	74959.6	-5743.4	1984	11.3	80340.1	-5742.3
1805	11.0	73347.8	-5715.4	1895	10.0	75001.5	-5749.3	1985	10.3	80342.6	-5728.1
1806	9.8	73408.8	-5736.8	1896	10.3	75004.1	-5705.7	1986	10.8	80410.6	-5745.1
1807	9.7	73408.9	-5745.8	1897	10.8	75010.1	-5709.9	1987	11.0	80424.1	-5748.9
1808	10.3	73414.8	-5716.4	1898	10.3	75016.9	-5713.7	1988	11.3	80441.1	-5742.8
1809	11.0	73416.0	-5714.4	1899	10.5	75017.0	-5749.3	1989	9.8	80442.0	-5723.1
1810	9.2	73428.4	-5746.8	1900	11.0	75019.8	-5731.3	1990	11.0	80456.5	-5757.8
1811	10.3	73434.5	-5731.2	1901	10.3	75019.9	-5730.1	1991	11.0	80511.5	-5719.1
1812	9.7	73446.9	-5716.2	1902	10.8	75043.6	-5713.7	1992	10.3	80531.3	-5705.1
1813	10.5	73453.6	-5732.8	1903	9.7	75059.5	-5732.3	1993	10.0	80556.1	-5707.1
1814	10.5	73455.1	-5726.8	1904	8.9	75103.1	-5701.5	1994	11.5	80559.6	-5748.1
1995	10.3	80606.6	-5712.8								
1996	11.3	80616.1	-5745.8								
1997	10.8	80621.5	-5755.8								
1998	10.8	80634.6	-5747.4								
1999	11.5	80641.1	-5732.0								
2000	11.5	80641.6	-5744.8								
2001	10.5	80645.0	-5742.8								
2002	10.5	80646.1	-5721.0								
2003	10.0	80647.0	-5723.4								
2004	8.5	80654.6	-5736.8								
2005	9.6	80655.5	-5700.9								
2006	10.3	80656.3	-5714.7								
2007	11.0	80711.5	-5724.7								
2008	11.0	80723.5	-5700.7								
2009	10.8	80726.5	-5742.8								
2010	11.0	80729.6	-5705.7								
2011	11.0	80745.5	-5734.7								
2012	11.3	80746.5	-5733.7								
2013	11.3	80752.8	-5728.0								
2014	10.0	80753.0	-5737.3								
2015	11.0	80754.0	-5709.6								
2016	10.3	80823.9	-5715.8								
2017	9.6	80829.0	-5722.6								
2018	11.0	80829.5	-5742.3								
2019	9.9	80830.2	-5727.7								
2020	10.5	80848.6	-5747.2								
2021	10.5	80859.6	-5712.6								
2022	10.8	80902.6	-5705.6								
2023	10.8	80910.8	-5707.6								
2024	10.5	80914.0	-5708.4								
2025	10.3	80922.6	-5731.7								
2026	10.8	80930.4	-5723.4								
2027	10.0	80930.6	-5736.7								
2028	11.5	80938.3	-5706.2								
2029	9.7	80958.0	-5754.7								
2030	10.8	81007.0	-5703.3								
2031	9.5	81010.9	-5717.5								
2032	10.3	81011.6	-5740.7								
2033	11.0	81015.3	-5724.0								
2034	10.3	81109.0	-5721.2								
2035	8.6	81109.5	-5723.2								
2036	10.5	81131.8	-5717.3								
2037	9.6	81138.6	-5717.5								
2038	11.3	81145.1	-5743.4								
2039	10.5	81145.6	-5742.6								
2040	9.4	81150.0	-5758.8								
2041	8.5	81159.1	-5747.2								
2042	10.8	81204.2	-5744.6								
2043	11.3	81206.5	-5703.4								
2044	10.8	81211.3	-5715.0								
2045	11.0	81226.5	-5753.6								
2046	10.8	81229.6	-5744.8								
2047	10.5	81231.0	-5724.8								
2048	11.5	81235.1	-5710.2								
2049	10.5	81249.0	-5728.5								
2050	10.5	81250.5	-5757.2								
2051	9.6	81250.9	-5714.4								
2052	10.8	81301.5	-5721.0								
2053	11.3	81313.7	-5738.6								
2054	10.3	81324.1	-5743.6								
2055	11.3	81359.1	-5713.4								
2056	10.8	81409.7	-5751.6								
2057	9.1	81411.0	-5704.4								
2058	9.6	81411.6	-5714.4								
2059	11.0	81413.0	-5724.6								
2060	9.2	81429.1	-5706.0								
2061	10.8	81436.9	-5714.0								
2062	11.0	81440.0	-5759.5								
2063	10.5	81444.6	-5739.5								
2064	10.5	81446.0	-5732.5								
2065	9.9	81446.1	-5733.5								
2066	9.3	81448.4	-5731.2								
2067	10.3	81458.5	-5755.6								
2068	10.5	81500.6	-5708.8								
2069	11.0	81504.5	-5710.2								
2070	10.3	81528.0	-5758.6								
2071	11.3	81534.0	-5727.3								
2072	10.5	81542.3	-5701.0								
2073	9.8	81552.5	-5729.4								
2074	10.5	81606.8	-5750.6								
2075	10.8	81622.0	-5753.6								
2076	11.0	81625.7	-5729.6								
2077	9.5	81625.8	-5724.0								
2078	10.5	81638.9	-5711.3								
2079	10.3	81709.6	-5715.8								
2080	9.0	81711.8	-5716.3								
2081	10.5	81733.2	-5735.7								
2082	9.4	81740.8	-5753.8								
2083	10.3	81807.2	-5733.5								
2084	11.0	81823.4	-5711.3								

-57 2085 8h18m

-57 2444 9h01m

2085	6.5	81825.5	-5734.5	2175	10.3	83054.7	-5719.9	2265	9.9	84140.1	-5706.6
2086	11.3	81831.1	-5722.3	2176	11.0	83115.0	-5733.1	2266	11.0	84143.5	-5721.8
2087	8.4	81844.0	-5742.8	2177	10.5	83116.9	-5756.3	2267	11.0	84150.3	-5717.2
2088	9.9	81853.5	-5731.7	2178	11.0	83119.2	-5714.3	2268	9.3	84153.0	-5708.6
2089	10.8	81854.2	-5730.7	2179	8.9	83121.0	-5706.8	2269	10.5	84156.2	-5753.5
2090	11.5	81906.7	-5716.3	2180	10.8	83123.1	-5747.6	2270	10.5	84157.6	-5726.6
2091	11.3	81916.3	-5723.3	2181	11.0	83124.9	-5737.1	2271	9.1	84158.2	-5753.2
2092	10.8	81930.2	-5735.6	2182	11.5	83140.7	-5712.4	2272	11.0	84159.9	-5716.4
2093	11.3	81940.1	-5720.2	2183	10.8	83146.8	-5713.5	2273	9.2	84221.5	-5712.0
2094	8.3	81958.2	-5729.2	2184	10.5	83147.5	-5751.1	2274	10.5	84223.9	-5756.5
2095	10.8	82000.6	-5740.0	2185	9.5	83154.0	-5706.8	2275	11.5	84225.9	-5745.5
2096	10.8	82038.7	-5729.5	2186	5.9	83220.7	-5747.3	2276	10.8	84245.6	-5748.2
2097	11.3	82040.2	-5704.0	2187	5.5	83222.1	-5734.8	2277	9.7	84248.9	-5717.2
2098	10.8	82043.6	-5700.2	2188	9.9	83232.9	-5708.7	2278	9.8	84300.4	-5747.5
2099	10.0	82044.9	-5713.8	2189	10.5	83235.5	-5704.7	2279	11.8	84304.8	-5710.4
2100	11.0	82055.5	-5728.5	2190	10.5	83241.7	-5748.2	2280	11.0	84316.8	-5725.4
2101	11.0	82057.9	-5730.5	2191	10.5	83245.5	-5732.0	2281	9.5	84319.9	-5730.5
2102	10.5	82129.2	-5723.2	2192	11.0	83245.5	-5700.9	2282	11.0	84324.8	-5710.0
2103	11.5	82132.2	-5720.2	2193	10.3	83252.1	-5749.0	2283	11.5	84330.1	-5735.2
2104	11.0	82135.8	-5717.2	2194	10.3	83259.5	-5703.4	2284	11.0	84331.6	-5708.6
2105	11.3	82145.0	-5734.4	2195	10.5	83313.6	-5726.8	2285	8.0	84359.9	-5736.8
2106	11.3	82205.0	-5704.1	2196	11.5	83313.6	-5739.1	2286	10.3	84401.4	-5720.2
2107	11.5	82205.2	-5751.4	2197	10.8	83317.5	-5720.2	2287	11.0	84406.1	-5704.6
2108	11.0	82211.9	-5739.4	2198	10.0	83331.1	-5747.1	2288	11.3	84414.6	-5724.4
2109	11.0	82214.4	-5725.6	2199	10.8	83338.0	-5717.7	2289	9.6	84419.8	-5712.2
2110	8.9	82217.5	-5705.4	2200	11.0	83338.9	-5728.6	2290	10.5	84420.5	-5752.6
2111	11.0	82233.2	-5709.9	2201	10.8	83351.5	-5720.7	2291	11.0	84422.9	-5742.4
2112	7.3	82241.0	-5743.4	2202	10.8	83400.9	-5739.0	2292	10.3	84427.5	-5729.8
2113	10.3	82248.4	-5702.2	2203	11.3	83401.2	-5700.5	2293	9.9	84438.3	-5728.8
2114	10.5	82304.4	-5739.2	2204	11.3	83403.2	-5754.8	2294	9.8	84448.7	-5736.8
2115	11.5	82306.7	-5750.4	2205	11.3	83404.3	-5725.0	2295	11.0	84453.1	-5731.7
2116	10.5	82307.4	-5726.1	2206	11.0	83407.2	-5741.0	2296	11.0	84454.9	-5746.2
2117	11.0	82309.2	-5716.1	2207	11.3	83410.9	-5738.0	2297	7.6	84504.8	-5711.6
2118	9.9	82320.9	-5708.4	2208	11.0	83415.2	-5704.1	2298	11.0	84509.7	-5758.3
2119	9.9	82321.0	-5706.1	2209	9.6	83441.9	-5730.8	2299	9.7	84509.9	-5735.6
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2121	9.4	82332.3	-5752.3	2211	11.5	83506.9	-5757.3	2301	11.5	84525.6	-5722.0
2122	11.0	82340.2	-5700.0	2212	10.3	83509.2	-5711.7	2302	10.5	84533.9	-5759.6
2123	10.5	82343.7	-5730.2	2213	11.0	83521.9	-5756.4	2303	8.8	84537.0	-5701.8
2124	10.5	82345.2	-5731.2	2214	11.0	83529.8	-5730.9	2304	10.3	84545.7	-5708.3
2125	9.4	82346.0	-5725.8	2215	10.3	83530.6	-5712.8	2305	9.4	84558.7	-5707.0
2126	10.0	82346.2	-5733.0	2216	11.0	83545.2	-5745.7	2306	8.4	84604.9	-5712.3
2127	9.7	82347.8	-5751.5	2217	11.0	83545.4	-5730.9	2307	10.8	84607.7	-5745.4
2128	10.5	82405.9	-5758.4	2218	10.8	83558.9	-5700.3	2308	10.0	84609.7	-5715.2
2129	11.0	82411.4	-5701.8	2219	10.8	83601.5	-5746.8	2309	10.8	84612.4	-5712.4
2130	10.5	82430.8	-5751.6	2220	11.0	83610.5	-5731.0	2310	10.5	84615.5	-5755.0
2131	10.8	82439.8	-5717.4	2221	10.8	83627.7	-5748.4	2311	10.5	84621.3	-5756.3
2132	11.0	82440.9	-5719.0	2222	11.0	83630.9	-5729.8	2312	10.5	84648.6	-5742.6
2133	10.8	82459.5	-5733.6	2223	9.8	83632.1	-5703.6	2313	10.5	84649.8	-5731.3
2134	8.9	82508.5	-5720.0	2224	10.8	83633.0	-5748.6	2314	10.5	84651.7	-5705.3
2135	11.0	82537.2	-5726.8	2225	10.3	83639.0	-5706.6	2315	10.5	84659.6	-5718.3
2136	8.4	82539.2	-5723.7	2226	9.9	83651.8	-5724.9	2316	11.0	84707.5	-5755.5
2137	8.1	82549.9	-5757.3	2227	10.8	83656.4	-5742.2	2317	10.8	84708.5	-5738.3
2138	9.0	82605.8	-5725.4	2228	10.3	83704.9	-5730.5	2318	11.5	84709.8	-5726.3
2139	9.4	82607.3	-5743.8	2229	8.9	83707.3	-5757.5	2319	10.3	84713.4	-5733.6
2140	11.3	82626.5	-5734.0	2230	11.0	83707.3	-5726.6	2320	11.5	84720.5	-5728.3
2141	11.0	82643.4	-5712.9	2231	9.8	83709.0	-5735.8	2321	11.0	84728.8	-5753.3
2142	10.5	82649.6	-5746.3	2232	10.8	83722.6	-5728.0	2322	9.9	84732.6	-5741.6
2143	10.5	82655.0	-5708.3	2233	8.6	83725.3	-5756.2	2323	11.0	84739.2	-5729.3
2144	11.3	82702.7	-5756.3	2234	10.0	83738.8	-5758.2	2324	11.0	84750.0	-5756.8
2145	11.0	82710.6	-5735.4	2235	7.1	83740.0	-5705.8	2325	8.6	84752.2	-5718.1
2146	9.3	82717.5	-5713.9	2236	9.8	83743.8	-5726.6	2326	9.7	84808.8	-5742.6
2147	10.8	82727.9	-5738.2	2237	11.5	83800.6	-5752.4	2327	10.5	84820.3	-5709.3
2148	10.5	82739.6	-5749.0	2238	8.8	83805.4	-5701.6	2328	6.6	84825.2	-5710.0
2149	10.3	82742.0	-5713.7	2239	10.3	83830.5	-5756.7	2329	9.8	84828.6	-5742.3
2150	11.0	82749.5	-5705.7	2240	10.3	83830.8	-5759.6	2330	8.3	84839.3	-5753.5
2151	11.0	82750.9	-5707.4	2241	11.0	83835.6	-5706.7	2331	11.0	84840.4	-5739.7
2152	10.8	82758.9	-5736.2	2242	11.3	83839.7	-5730.6	2332	9.4	84840.6	-5702.5
2153	8.9	82817.6	-5724.6	2243	9.7	83841.3	-5755.4	2333	11.0	84848.0	-5726.3
2154	10.5	82823.8	-5714.6	2244	10.0	83846.9	-5701.5	2334	9.8	84851.7	-5737.0
2155	10.8	82824.5	-5705.9	2245	9.2	83942.5	-5707.5	2335	9.3	84852.2	-5704.3
2156	10.3	82840.5	-5705.1	2246	10.8	83950.4	-5701.2	2336	10.0	84856.7	-5704.6
2157	11.5	82901.0	-5701.9	2247	11.5	83950.6	-5750.2	2337	9.7	84904.2	-5746.0
2158	10.0	82901.5	-5744.5	2248	10.8	83952.1	-5753.6	2338	9.9	84905.2	-5703.8
2159	10.5	82909.2	-5701.3	2249	11.3	84002.2	-5715.8	2339	9.5	84909.2	-5716.0
2160	10.5	82910.9	-5725.4	2250	11.0	84006.1	-5753.0	2340	9.2	84919.6	-5740.8
2161	9.5	82914.9	-5719.3	2251	10.5	84011.3	-5758.9	2341	10.0	84930.0	-5729.3
2162	10.8	82917.7	-5706.6	2252	9.6	84014.6	-5735.3	2342	10.5	84938.2	-5713.0
2163	9.4	82932.8	-5727.6	2253	10.5	84016.0	-5743.6	2343	9.5	84940.6	-5711.8
2164	10.8	82947.3	-5753.5	2254	10.5	84021.7	-5750.3	2344	10.3	84948.3	-5728.2
2165	11.3	82953.1	-5747.4	2255	10.3	84022.9	-5736.6	2345	10.8	85005.6	-5749.3
2166	10.5	83000.2	-5727.1	2256	11.3	84039.5	-5718.3	2346	10.5	85006.6	-5753.3
2167	9.3	83006.4	-5728.4	2257	11.5	84039.8	-5745.1	2347	10.0	85011.6	-5717.5
2168	10.5	83007.5	-5743.2	2258	11.0	84047.7	-5728.5	2348	9.5	85012.2	-5716.8
2169	9.5	83025.6	-5743.1	2259	11.0	84049.3	-5752.6	2349	10.3	85026.4	-5712.8
2170	9.7	83027.9	-5718.2	2260	10.5	84104.2	-5758.8	2350	10.8	85028.4	-5753.0
2171	8.7	83029.2	-5727.0	2261	10.8	84105.4	-5726.7	2351	10.5	85045.2	-5730.3
2172	10.5	83040.9	-5719.2	2262	9.6	84110.0	-5741.6	2352	10.0	85059.7	-5715.6
2173	9.7	83041.5	-5723.6	2263	11.3	84110.3	-5708.6	2353	10.3	85102.2	-5713.6
2174	11.5	83051.6	-5735.1	2264	8.3	84118.6	-5719.2	2354	11.0	85106.8	-5733.3
2355	11.3	85123.0	-5757.5								
2356	10.8	85123.4	-5720.2								
2357	10.0	85131.7	-5713.6								
2358	10.0	85134.2	-5706.2								
2359	10.3	85137.2	-5748.3								
2360	10.3	85139.1	-5742.3								
2361	8.7	85139.2	-5717.2								
2362	7.0	85144.7	-5745.7								
2363	10.5	85144.9	-5731.3								
2364	9.8	85145.2	-5755.9								
2365	10.0	85148.6	-5755.7								
2366	9.2	85209.2	-5717.2								
2367	10.0	85211.8	-5703.2								
2368	10.5	85212.4	-5731.2								
2369	10.5	85213.6	-5758.7								
2370	10.3	85214.5	-5722.2								
2371	10.3	85220.2	-5702.2								
2372	10.0	85244.4	-5741.6								
2373	9.8	85312.2	-5707.1								
2374	10.5	85319.6	-5737.4								
2375	10.5	85343.2	-5731.9								
2376	9.7	85357.1	-5759.7								
2377	10.8	85414.2	-5732.9								
2378	10.8	85419.1	-5721.1								
2379	9.7	85419.7	-5706.2								
2380	11.0	85427.8	-5702.1								
2381	10.8	85428.2	-5730.3								
2382	10.5	85431.7	-5737.9								
2383	9.0	85438.2	-5705.4								
2384	10.5	85449.6	-5743.7								
2385	8.9	85450.7	-5752.9								
2386	9.1	85455.7	-5759.7								
2387	10.0	85456.2	-5753.0								
2388	10.5	85456.9	-5730.4								
2389	10.5	85503.2	-5712.8								
2390	10.3	85507.2	-5753.2								
2391	9.5	85516.2	-5720.1								
2392	9.6	85529.7	-5744.7								
2393	10.8	85529.7	-5741.7								
2394	9.6	85547.7	-5748.9								
2395	10.3	85559.2	-5718.0								
2396	10.5	85603.2	-5719.6								
2397	10.8	85606.9	-5729.7								
2398	10.3	85618.3	-5703.0								
2399	11.0	85636.2	-5729.6								
2400	9.3	85637.2	-5718.4								
2401	11.0	85647.2	-5728.7								
2402	11.0	85652.2	-5758.0								
2403	8.3	85654.7	-5746.7								
2404	10.0	85707.6	-5745.3								
2405	8.9	85713.4	-5726.7								
2406	8.3	85734.0	-5725.7								
2407	10.5	85740.7	-5740.7								
2408	10.8	85742.4	-5702.6								
2409	9.4	85756.6	-5709.0								
2410	10.5	85801.7	-5732.4								
2411	9.4	85826.2	-5711.6								
2412	10.5	85829.4	-5731.2								
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2415	10.8	85844.4	-5704.4								
2416	9.7	85858.6	-5729.7								
2417	10.0	85859.7	-5731.9								
2418	9.2	85902.3	-5717.2								
2419	9.5	85908.6	-5710.9								
2420	10.0	85913.0	-5727.0								
2421	10.8	85913.2	-5751.0								
2422	11.0	85930.9	-5730.7								
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2424	8.5	85943.2	-5753.7								
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2426	9.8	85947.7	-5715.4								
2427	9.8	85950.0	-5701.9								
2428	10.5	85951.1	-5755.7								
2429	9.1	85952.2	-5708.9								
2430	10.3	85959.2	-5708.9								
2431	10.0	90001.2	-5732.9								
2432	8.0	90003.3	-5716.4								
2433	10.5	90008.6	-5735.9								
2434	10.5	90013.4	-5706.1								
2435	10.3	90021.8	-5734.9								
2436	11.0	90023.0	-5757.2								
2437	10.3	90023.3	-5725.2								
2438	9.7	90052.6	-5744.0								
2439	10.8	90059.5	-5735.6								
2440	11.0	90103.0	-5717.3								
2441	10.5	90106.8	-5741.6								
2442	8.7	90110.9	-5723.3								
2443	9.4	90111.2	-5710.8								
2444	7.3	90127.9	-5721.3								

2445	10.3	90128.9 -5735.6	2535	10.5	90953.8 -5741.8	2625	10.5	91921.6 -5754.4	2715	10.8	93019.2 -5746.5
2446	10.0	90130.2 -5717.3	2536	9.8	90954.8 -5737.8	2626	9.9	91923.6 -5711.2	2716	10.3	93019.5 -5707.1
2447	9.8	90139.6 -5700.5	2537	10.5	91005.1 -5746.1	2627	10.3	91927.5 -5708.2	2717	9.7	93020.2 -5757.5
2448	10.3	90154.5 -5721.3	2538	10.0	91012.5 -5726.5	2628	9.6	91933.0 -5711.2	2718	9.5	93024.1 -5717.1
2449	10.3	90207.9 -5721.1	2539	10.8	91013.8 -5749.5	2629	10.3	91938.5 -5719.2	2719	10.5	93029.5 -5707.1
2450	10.0	90214.3 -5714.8	2540	9.6	91017.5 -5733.5	2630	9.9	91943.5 -5706.2	2720	10.5	93031.6 -5732.5
2451	11.0	90220.4 -5735.8	2541	9.6	91023.2 -5756.5	2631	10.3	91946.4 -5728.6	2721	9.0	93032.9 -5752.5
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2454	9.8	90226.0 -5702.3	2544	10.0	91032.9 -5747.3	2634	9.6	91959.1 -5720.2	2724	10.5	93110.9 -5737.4
2455	9.8	90243.2 -5700.3	2545	9.7	91048.1 -5738.2	2635	9.9	92010.9 -5701.2	2725	10.8	93123.0 -5716.0
2456	10.5	90258.2 -5728.6	2546	10.8	91110.2 -5721.3	2636	10.5	92016.4 -5727.7	2726	10.0	93131.2 -5755.4
2457	10.5	90313.4 -5705.3	2547	8.5	91113.9 -5708.4	2637	10.5	92030.6 -5713.2	2727	10.3	93135.7 -5755.4
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2459	9.4	90319.4 -5748.0	2549	9.7	91130.4 -5704.2	2639	10.0	92055.1 -5744.4	2729	11.0	93142.7 -5717.0
2460	11.0	90320.8 -5742.6	2550	10.5	91130.7 -5758.5	2640	9.9	92056.3 -5716.2	2730	10.8	93153.9 -5748.4
2461	10.5	90324.2 -5730.6	2551	10.0	91131.9 -5733.5	2641	10.8	92105.1 -5705.6	2731	10.3	93200.7 -5757.4
2462	10.3	90324.4 -5703.3	2552	10.5	91132.3 -5735.5	2642	10.5	92112.0 -5728.0	2732	10.8	93202.0 -5758.4
2463	9.6	90328.2 -5756.8	2553	9.0	91136.1 -5709.5	2643	10.8	92115.3 -5756.4	2733	10.8	93205.6 -5729.4
2464	10.5	90330.9 -5708.3	2554	10.8	91145.2 -5741.5	2644	9.7	92119.7 -5755.4	2734	10.8	93208.5 -5716.0
2465	9.8	90331.3 -5755.0	2555	9.4	91147.5 -5752.8	2645	9.7	92120.6 -5713.0	2735	10.5	93209.1 -5742.4
2466	9.5	90334.6 -5736.2	2556	6.4	91152.1 -5751.8	2646	10.3	92121.6 -5727.4	2736	7.8	93224.6 -5728.2
2467	10.0	90337.3 -5756.8	2557	9.7	91159.4 -5710.2	2647	10.3	92122.0 -5715.1	2737	9.5	93237.9 -5708.0
2468	11.5	90339.6 -5743.6	2558	6.7	91203.3 -5703.7	2648	10.0	92124.0 -5740.4	2738	10.8	93307.1 -5753.4
2469	8.7	90408.0 -5755.6	2559	9.3	91204.8 -5740.5	2649	9.9	92126.5 -5734.4	2739	11.0	93309.5 -5752.4
2470	10.0	90410.4 -5748.3	2560	9.7	91206.8 -5741.5	2650	10.0	92127.5 -5733.4	2740	10.5	93314.1 -5731.0
2471	10.5	90410.6 -5740.4	2561	9.6	91208.4 -5730.8	2651	11.0	92127.5 -5751.4	2741	9.1	93320.6 -5725.7
2472	10.5	90413.5 -5730.6	2562	10.8	91218.8 -5712.2	2652	10.8	92150.3 -5703.1	2742	10.3	93328.9 -5729.7
2473	9.4	90420.4 -5713.4	2563	10.5	91220.8 -5709.2	2653	10.8	92151.2 -5722.1	2743	10.0	93334.8 -5746.4
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2475	10.3	90440.8 -5724.8	2565	9.3	91228.2 -5703.2	2655	10.8	92204.6 -5734.4	2745	10.5	93345.1 -5701.0
2476	10.8	90444.5 -5750.6	2566	9.0	91234.8 -5741.2	2656	10.5	92216.0 -5715.1	2746	11.0	93349.0 -5738.4
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2482	10.5	90458.8 -5732.6	2572	9.7	91306.8 -5743.5	2662	10.8	92333.9 -5725.8	2752	10.0	93416.0 -5752.4
2483	10.3	90508.8 -5725.0	2573	9.6	91308.3 -5752.8	2663	9.9	92340.2 -5728.2	2753	9.8	93417.9 -5759.4
2484	10.0	90513.6 -5739.3	2574	10.5	91311.0 -5730.5	2664	7.7	92354.8 -5732.4	2754	10.0	93419.5 -5749.4
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2487	9.9	90522.9 -5754.6	2577	9.9	91330.3 -5739.7	2667	10.5	92410.0 -5723.1	2757	10.3	93431.3 -5732.4
2488	10.3	90532.4 -5712.3	2578	9.0	91338.2 -5717.2	2668	10.8	92417.7 -5704.1	2758	9.4	93432.8 -5759.4
2489	9.7	90535.9 -5751.8	2579	10.8	91349.2 -5720.2	2669	8.9	92424.5 -5758.4	2759	10.5	93442.2 -5724.0
2490	9.6	90539.4 -5721.3	2580	10.3	91407.9 -5745.5	2670	11.0	92439.7 -5748.4	2760	9.7	93447.3 -5734.4
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2492	10.3	90543.5 -5728.0	2582	9.2	91417.3 -5714.2	2672	10.5	92450.0 -5702.1	2762	10.5	93512.4 -5725.7
2493	10.0	90547.4 -5720.6	2583	10.5	91425.6 -5758.0	2673	8.5	92452.2 -5748.4	2763	10.5	93516.4 -5753.4
2494	9.8	90550.4 -5750.4	2584	10.3	91435.4 -5721.0	2674	8.6	92514.9 -5712.1	2764	10.5	93516.6 -5752.4
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2496	9.9	90608.6 -5731.6	2586	9.0	91439.8 -5726.4	2676	9.3	92541.1 -5716.1	2766	10.3	93522.5 -5705.0
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2498	9.2	90630.5 -5757.2	2588	10.0	91446.3 -5703.0	2678	7.7	92557.9 -5746.3	2768	10.5	93536.9 -5714.0
2499	10.3	90634.0 -5700.3	2589	10.3	91457.8 -5710.2	2679	11.0	92609.6 -5712.1	2769	9.6	93547.8 -5746.4
2500	8.7	90655.9 -5743.8	2590	10.0	91459.8 -5758.2	2680	10.0	92613.5 -5721.1	2770	9.8	93549.7 -5755.4
2501	10.5	90656.9 -5741.6	2591	10.0	91511.4 -5724.0	2681	9.0	92614.5 -5700.1	2771	8.9	93551.8 -5722.0
2502	9.8	90659.0 -5701.0	2592	10.8	91527.5 -5741.5	2682	9.2	92639.3 -5751.5	2772	11.0	93608.0 -5750.4
2503	10.0	90700.7 -5722.3	2593	9.8	91532.9 -5731.8	2683	9.8	92640.5 -5723.1	2773	9.7	93620.0 -5749.3
2504	10.0	90705.8 -5701.5	2594	10.8	91535.1 -5704.2	2684	6.5	92643.7 -5748.5	2774	11.0	93632.9 -5754.3
2505	9.2	90709.1 -5701.3	2595	10.5	91535.1 -5709.2	2685	10.5	92653.8 -5735.5	2775	10.5	93634.9 -5712.0
2506	11.0	90715.2 -5712.3	2596	10.3	91539.1 -5706.2	2686	9.1	92659.3 -5733.5	2776	9.8	93639.7 -5731.1
2507	10.5	90719.1 -5747.6	2597	11.0	91556.0 -5726.2	2687	10.5	92720.5 -5706.1	2777	9.0	93641.5 -5751.3
2508	8.3	90729.4 -5708.8	2598	11.0	91601.4 -5711.2	2688	10.5	92724.7 -5754.5	2778	9.3	93649.5 -5750.3
2509	9.4	90739.3 -5738.6	2599	10.0	91602.8 -5717.2	2689	10.3	92731.3 -5744.5	2779	5.4	93651.5 -5725.1
2510	10.0	90741.8 -5711.5	2600	10.3	91621.8 -5706.2	2690	11.0	92735.6 -5734.5	2780	9.6	93659.4 -5729.2
2511	8.4	90746.2 -5748.8	2601	9.9	91628.4 -5752.0	2691	9.6	92747.2 -5742.5	2781	10.0	93702.8 -5721.0
2512	9.9	90753.5 -5743.6	2602	9.9	91630.0 -5731.9	2692	9.1	92749.5 -5751.5	2782	9.9	93731.5 -5757.3
2513	7.6	90804.7 -5706.3	2603	9.8	91641.6 -5747.6	2693	10.3	92810.9 -5728.3	2783	10.5	93737.2 -5756.3
2514	6.8	90807.3 -5727.2	2604	9.5	91647.3 -5720.8	2694	8.9	92819.8 -5708.1	2784	9.0	93746.2 -5725.6
2515	9.0	90807.9 -5749.5	2605	10.0	91653.9 -5757.5	2695	10.8	92830.2 -5725.1	2785	11.0	93752.9 -5710.0
2516	9.6	90812.4 -5753.8	2606	10.5	91700.6 -5726.5	2696	10.0	92842.2 -5703.1	2786	10.8	93754.4 -5737.3
2517	10.3	90814.4 -5729.6	2607	9.0	91709.7 -5743.8	2697	8.4	92844.2 -5724.1	2787	10.0	93757.9 -5758.3
2518	10.0	90817.6 -5734.3	2608	10.3	91709.8 -5759.5	2698	10.3	92846.3 -5703.1	2788	10.0	93808.7 -5731.3
2519	9.7	90818.3 -5714.1	2609	10.3	91713.5 -5727.0	2699	8.7	92849.5 -5708.1	2789	10.3	93817.4 -5735.3
2520	11.0	90822.4 -5738.6	2610	10.3	91715.3 -5737.5	2700	11.0	92853.6 -5758.5	2790	10.5	93825.1 -5727.3
2521	9.6	90827.2 -5727.0	2611	10.0	91725.1 -5739.1	2701	11.0	92854.2 -5732.5	2791	9.0	93828.6 -5700.0
2522	9.6	90846.8 -5700.0	2612	10.5	91727.8 -5712.0	2702	10.3	92856.6 -5742.5	2792	10.8	93830.0 -5707.0
2523	10.0	90852.8 -5702.3	2613	10.5	91728.6 -5749.0	2703	9.7	92916.5 -5739.5	2793	10.5	93841.9 -5710.0
2524	10.3	90857.6 -5754.9	2614	9.6	91739.3 -5734.4	2704	10.3	92926.4 -5736.5	2794	9.8	93846.3 -5725.2
2525	10.3	90858.4 -5725.3	2615	9.4	91741.9 -5709.2	2705	7.6	92929.4 -5720.1	2795	9.9	93848.3 -5719.0
2526	9.9	90913.9 -5750.5	2616	9.0	91753.3 -5746.4	2706	9.8	92930.6 -5740.5	2796	8.4	93848.7 -5731.3
2527	10.3	90913.9 -5753.0	2617	9.9	91756.4 -5719.6	2707	7.2	92932.5 -5725.1	2797	10.0	93855.2 -5731.9
2528	8.9	90914.9 -5712.3	2618	11.0	91810.9 -5736.4	2708	8.2	92949.4 -5749.5	2798	10.0	93902.4 -5711.0
2529	10.0	90928.8 -5718.3	2619	10.0	91812.4 -5746.4	2709	9.7	92951.1 -5752.5	2799	9.3	93903.7 -5704.0
2530	10.5	90937.8 -5736.5	2620	10.3	91818.2 -5712.2	2710	8.7	92952.3 -5708.1	2800	9.7	93904.0 -5751.3
2531	10.0	90944.9 -5723.2	2621	9.1	91825.9 -5748.2	2711	10.3	92959.2 -5757.5	2801	8.6	93907.6 -5700.0
2532	9.9	90949.9 -5705.8	2622	10.3	91831.4 -5730.2	2712	10.8	92959.3 -5721.1	2802	10.8	93921.8 -5729.3
2533	9.8	90951.7 -5726.8	2623	9.5	91846.1 -5736.4	2713	10.0	92959.7 -5756.5	2803	10.3	93930.1 -5725.6
2534	9.3	90952.7 -5725.7	2624	8.7	91858.6 -5733.4	2714	10.8	93013.8 -5727.3	2804	10.5	93940.8 -5747.3

-57 2805 9h39m

-57 3164 10h16m

2805	9.6	93941.0	-5751.3	2895	10.5	95021.4	-5741.1	2985	10.3	95901.9	-5712.8	3075	8.7	100900.0	-5744.0
2806	10.8	93943.1	-5752.3	2896	10.5	95030.0	-5726.8	2986	10.8	95903.7	-5730.0	3076	10.5	100901.3	-5719.7
2807	8.1	93957.5	-5704.0	2897	7.0	95031.3	-5750.1	2987	10.5	95904.5	-5738.0	3077	10.8	100902.0	-5746.0
2808	8.3	93959.4	-5735.3	2898	8.4	95046.6	-5707.8	2988	10.3	95908.6	-5752.0	3078	8.8	100902.7	-5703.7
2809	10.8	94011.2	-5755.3	2899	10.0	95052.8	-5750.1	2989	10.0	95910.7	-5728.0	3079	9.5	100903.9	-5715.7
2810	9.0	94011.9	-5722.0	2900	10.0	95053.5	-5744.1	2990	11.0	95918.7	-5723.8	3080	9.6	100907.3	-5719.7
2811	10.3	94015.3	-5745.3	2901	9.9	95054.5	-5733.1	2991	9.6	95924.2	-5729.4	3081	9.9	100912.9	-5756.0
2812	9.5	94020.5	-5704.0	2902	9.0	95058.9	-5753.1	2992	10.0	95928.7	-5732.0	3082	8.4	100918.1	-5705.7
2813	9.0	94020.8	-5727.6	2903	9.3	95059.6	-5720.8	2993	10.0	95938.0	-5733.0	3083	10.5	100929.0	-5704.7
2814	10.5	94039.3	-5703.9	2904	10.0	95103.2	-5737.1	2994	9.6	95938.9	-5711.8	3084	11.0	100934.9	-5708.7
2815	10.5	94055.1	-5727.3	2905	10.8	95112.1	-5744.0	2995	9.6	95946.7	-5756.0	3085	10.5	100938.0	-5704.7
2816	10.5	94057.8	-5751.3	2906	9.6	95116.3	-5725.8	2996	10.8	95955.4	-5707.8	3086	10.5	100941.2	-5702.7
2817	9.5	94059.3	5723.9	2907	9.5	95118.3	-5749.0	2997	10.5	95955.6	-5730.4	3087	10.5	100941.5	-5703.7
2818	10.0	94100.8	-5704.9	2908	9.0	95123.6	-5722.8	2998	9.8	100000.5	-5706.8	3088	9.3	100942.0	-5705.7
2819	10.8	94100.9	-5728.3	2909	10.5	95140.2	-5757.0	2999	9.8	100025.9	-5745.0	3089	10.5	100948.7	-5731.0
2820	10.5	94106.2	-5756.3	2910	10.8	95150.3	-5702.8	3000	9.6	100029.2	-5756.0	3090	10.3	101002.5	-5700.7
2821	10.5	94122.2	-5737.3	2911	10.5	95205.3	-5703.8	3001	9.4	100043.0	-5739.0	3091	10.5	101012.4	-5742.0
2822	8.3	94145.1	-5745.2	2912	10.8	95212.2	-5759.0	3002	11.0	100053.0	-5703.7	3092	9.4	101016.6	-5741.0
2823	10.5	94159.2	-5730.6	2913	10.5	95218.0	-5742.0	3003	11.0	100113.9	-5706.7	3093	8.6	101019.7	-5756.0
2824	10.5	94203.2	-5717.9	2914	9.6	95228.2	-5730.4	3004	9.6	100124.6	-5737.0	3094	10.5	101020.3	-5719.7
2825	10.8	94219.5	-5727.9	2915	9.7	95236.7	-5725.8	3005	8.8	100131.4	-5703.7	3095	9.7	101020.4	-5714.7
2826	10.8	94233.4	-5742.2	2916	7.7	95236.8	-5703.8	3006	9.7	100132.3	-5709.7	3096	10.5	101021.9	-5745.0
2827	9.9	94247.7	-5709.9	2917	10.3	95236.8	-5750.0	3007	11.0	100144.3	-5721.7	3097	10.5	101022.3	-5720.7
2828	9.5	94256.5	-5756.2	2918	9.5	95246.7	-5755.0	3008	8.8	100147.9	-5717.7	3098	10.5	101027.4	-5746.0
2829	9.7	94258.6	-5746.2	2919	10.8	95253.9	-5710.8	3009	10.5	100152.6	-5733.0	3099	10.5	101033.3	-5752.0
2830	10.5	94303.8	-5739.2	2920	10.8	95302.8	-5750.0	3010	10.5	100157.2	-5732.0	3100	9.7	101033.8	-5727.5
2831	11.0	94316.0	-5744.2	2921	9.6	95305.8	-5729.9	3011	10.5	100158.4	-5709.7	3101	10.3	101034.8	-5720.6
2832	10.8	94319.8	-5703.9	2922	11.0	95316.5	-5703.8	3012	9.2	100203.0	-5739.0	3102	11.0	101038.0	-5708.6
2833	8.3	94337.2	-5737.2	2923	10.8	95330.5	-5713.8	3013	9.8	100203.5	-5711.7	3103	10.8	101045.3	-5748.0
2834	9.6	94338.7	-5736.2	2924	9.3	95334.5	-5723.8	3014	10.5	100210.0	-5740.0	3104	10.5	101045.7	-5747.0
2835	10.5	94345.1	-5720.9	2925	10.3	95343.4	-5710.8	3015	8.9	100211.7	-5722.7	3105	10.8	101046.5	-5701.6
2836	9.5	94346.5	-5743.2	2926	10.5	95352.4	-5711.8	3016	10.5	100212.0	-5738.0	3106	9.2	101052.2	-5714.6
2837	10.8	94350.1	-5733.2	2927	10.5	95409.5	-5731.0	3017	10.5	100213.0	-5741.0	3107	10.5	101056.2	-5714.4
2838	10.8	94350.3	-5703.9	2928	9.9	95409.5	-5741.0	3018	9.8	100219.5	-5745.0	3108	10.8	101056.9	-5710.6
2839	9.3	94356.2	-5704.9	2929	9.8	95414.0	-5714.8	3019	10.3	100236.6	-5735.0	3109	10.5	101101.5	-5750.0
2840	9.7	94358.1	-5747.2	2930	9.8	95415.3	-5721.8	3020	10.5	100236.7	-5756.0	3110	10.8	101101.7	-5722.6
2841	8.6	94359.7	-5737.2	2931	8.6	95416.9	-5706.8	3021	9.6	100239.2	-5754.0	3111	10.8	101105.2	-5724.6
2842	10.3	94407.2	-5726.0	2932	9.6	95417.2	-5755.0	3022	10.5	100244.7	-5701.7	3112	10.5	101111.7	-5733.0
2843	10.8	94409.5	-5718.9	2933	9.8	95419.4	-5743.0	3023	10.3	100247.4	-5715.7	3113	11.0	101114.3	-5702.6
2844	10.5	94425.6	-5746.2	2934	10.3	95420.3	-5719.8	3024	10.0	100248.1	-5735.0	3114	9.9	101122.8	-5752.0
2845	8.6	94426.8	-5704.9	2935	11.0	95424.6	-5701.8	3025	10.3	100257.5	-5705.7	3115	9.9	101140.3	-5705.8
2846	10.8	94430.5	-5728.0	2936	10.3	95427.8	-5720.8	3026	10.5	100301.7	-5726.7	3116	10.0	101140.4	-5714.8
2847	10.8	94430.5	-5730.2	2937	9.7	95437.0	-5704.8	3027	8.5	100316.8	-5751.0	3117	10.5	101141.5	-5716.8
2848	9.9	94434.0	-5731.2	2938	10.5	95440.4	-5713.8	3028	10.5	100319.8	-5722.7	3118	10.5	101155.9	-5743.0
2849	10.3	94439.8	-5726.2	2939	10.0	95444.3	-5752.0	3029	8.1	100329.4	-5745.0	3119	10.8	101204.8	-5726.2
2850	10.5	94440.4	-5725.6	2940	10.5	95446.6	-5759.0	3030	10.5	100332.8	-5720.7	3120	10.5	101221.1	-5721.8
2851	10.0	94456.8	-5750.2	2941	10.5	95448.6	-5759.0	3031	9.7	100346.0	-5748.0	3121	10.0	101234.5	-5717.8
2852	9.1	94526.7	-5728.0	2942	10.3	95448.8	-5720.8	3032	9.8	100346.0	-5738.0	3122	9.5	101236.2	-5728.8
2853	11.0	94549.1	-5745.2	2943	10.8	95449.8	-5743.0	3033	9.5	100346.3	-5752.0	3123	10.5	101240.0	-5726.0
2854	8.8	94550.3	-5718.9	2944	10.8	95452.0	-5742.0	3034	7.3	100402.1	-5736.0	3124	10.0	101240.7	-5749.5
2855	10.3	94552.7	-5713.9	2945	9.5	95504.0	-5739.0	3035	10.5	100406.2	-5734.0	3125	10.5	101240.7	-5753.0
2856	10.3	94611.1	-5723.9	2946	10.0	95504.9	-5743.0	3036	10.5	100408.9	-5710.7	3126	9.6	101245.9	-5714.8
2857	8.0	94611.7	-5737.2	2947	7.7	95505.7	-5731.0	3037	8.9	100410.0	-5706.7	3127	10.5	101246.0	-5715.4
2858	7.8	94613.8	-5727.6	2948	9.1	95506.2	-5717.8	3038	9.7	100415.9	-5712.7	3128	10.5	101248.1	-5723.4
2859	9.9	94615.0	-5732.1	2949	10.5	95510.3	-5715.8	3039	9.7	100418.9	-5713.7	3129	10.5	101301.3	-5705.8
2860	9.6	94638.7	-5728.0	2950	10.5	95511.7	-5728.9	3040	7.8	100448.4	-5725.4	3130	9.2	101302.7	-5754.0
2861	11.0	94639.6	-5759.1	2951	9.8	95530.6	-5730.4	3041	10.3	100512.4	-5714.7	3131	10.3	101304.7	-5753.0
2862	9.9	94649.1	-5746.1	2952	9.7	95531.4	-5715.8	3042	9.8	100547.4	-5713.7	3132	10.5	101306.9	-5745.0
2863	10.5	94650.1	-5722.9	2953	10.5	95541.9	-5745.0	3043	11.0	100555.5	-5704.7	3133	10.3	101309.4	-5744.0
2864	10.5	94651.4	-5739.1	2954	10.0	95543.0	-5739.0	3044	9.5	100557.1	-5735.0	3134	9.7	101319.3	-5749.0
2865	10.5	94658.4	-5754.1	2955	9.7	95550.5	-5705.8	3045	11.0	100557.8	-5718.7	3135	10.5	101323.0	-5759.0
2866	9.0	94659.1	-5732.1	2956	10.5	95558.3	-5752.0	3046	10.5	100559.8	-5723.7	3136	10.5	101333.0	-5738.0
2867	9.0	94704.8	-5722.9	2957	10.3	95605.9	-5711.8	3047	10.0	100559.8	-5726.4	3137	10.5	101347.0	-5742.0
2868	11.0	94706.2	-5703.9	2958	10.5	95610.1	-5734.0	3048	10.8	100600.5	-5703.7	3138	10.5	101354.3	-5752.0
2869	10.3	94712.2	-5754.1	2959	8.2	95614.0	-5727.4	3049	10.5	100602.4	-5712.7	3139	10.0	101407.3	-5707.8
2870	9.1	94714.0	-5726.0	2960	9.9	95629.1	-5741.0	3050	11.0	100604.4	-5715.7	3140	10.5	101407.8	-5706.8
2871	9.6	94723.4	-5741.1	2961	9.7	95631.8	-5721.8	3051	10.0	100609.0	-5708.7	3141	10.8	101410.9	-5745.0
2872	10.3	94726.1	-5723.9	2962	11.0	95656.2	-5725.8	3052	10.0	100619.9	-5708.7	3142	10.5	101416.0	-5700.8
2873	10.3	94727.6	-5743.1	2963	10.5	95707.8	-5720.8	3053	10.5	100623.9	-5706.7	3143	10.3	101423.2	-5729.0
2874	10.3	94737.3	-5706.9	2964	9.5	95717.1	-5729.9	3054	10.0	100628.3	-5720.7	3144	9.4	101437.3	-5707.8
2875	9.9	94737.3	-5729.0	2965	10.5	95720.4	-5716.8	3055	10.0	100630.4	-5711.7	3145	9.8	101443.8	-5704.8
2876	10.8	94804.7	-5716.9	2966	10.5	95723.0	-5704.8	3056	10.0	100631.7	-5727.7	3146	10.3	101445.8	-5749.0
2877	10.8	94805.7	-5717.9	2967	10.3	95747.2	-5730.0	3057	10.5	100640.8	-5711.7	3147	9.7	101448.2	-5729.6
2878	10.8	94815.2	-5715.9	2968	11.0	95757.9	-5714.8	3058	8.9	100645.6	-5736.0	3148	10.8	101451.1	-5735.0
2879	9.6	94816.8	-5739.1	2969	9.7	95758.4	-5747.0	3059	10.0	100649.8	-5723.7	3149	10.5	101453.7	-5730.0
2880	10.5	94857.6	-5737.1	2970	8.5	95800.4	-5705.8	3060	10.5	100651.9	-5711.7	3150	10.3	101508.5	-5745.0
2881	10.8	94858.6	-5734.1	2971	10.8	95807.5	-5706.8	3061	8.5	100701.6	-5725.7	3151	9.9	101509.4	-5744.0
2882	10.8	94904.6	-5754.1	2972	10.5	95811.0	-5703.8	3062	10.3	100724.8	-5736.7	3152	9.5	101510.6	-5735.0
2883	10.0	94910.5	-5757.1	2973	10.8	95813.9	-5712.8	3063	6.6	100725.3	-5726.8	3153	9.2	101512.2	-5728.2
2884	10.5	94921.8	-5723.9	2974	10.3	95828.5	-5741.0	3064	10.5	100736.9	-5712.7	3154	10.5	101521.3	-5757.0
2885	10.0	94925.2	-5736.1	2975	10.0	95829.3	-5751.0	3065	10.5	100736.9	-5715.7	3155	10.3	101524.8	-5706.8
2886	10.8	94926.5	-5743.1	2976	9.6	95833.4	-5703.8	3066	9.9	100741.5	-5741.0	3156	10.0	101531.8	-5709.8
2887	10.3	94931.1	-5747.1	2977	10.8	95836.9	-5718.8	3067	9.8	100748.9	-5716.7	3157	10.8	101532.2	-5754.0
2888	9.8	94938.3	-5752.1	2978	9.3	95840.6	-5709.8	3068	10.0	100751.2	-5732.0	3158	10.0	101541.2	-5731.0
2889	9.7	94943.8	-5751.1	2979	10.5	95841.6	-5736.0	3069	10.8	100808.7	-5726.7	3159	9.7	101543.9	-5714.8
2890	9.0	94950.9	-5701.9	2980	10.3	95842.7	-5731.0	3070	10.8	100809.7	-5725.7	3160	9.1	101547.8	-5701.8
2891	9.0	94954.4	-5703.9	2981	9.9	95855.0	-5751.0	3071	10.0	100816.4	-5714.7	3161	10.0	101556.7	-5708.9
2892	10.5	94959.0	-5743.1	2982	9.6	95856.2	-5732.0	3072	9.8	100816.8	-5759.0	3162	8.3	101603.8	-5707.8
2893	10.3	95014.1	-5758.1	2983	8.8	95858.2	-5729.4	3073	9.7	100833.0	-5742.0	3163	9.6	101613.9	-5707.8
2894	10.0	95018.0	-5757.1	2984	11.0	95858.9	-5715.8	3074	9.7	100843.0	-5731.0	3164	10.0	101617.6	-5722.8

-57 3165 10h16m

-57 3524 10h45m

3165	10.8	101622.7	-5728.7	3255	10.8	102441.4	-5743.7	3345	7.9	103056.5	-5732.1
3166	8.1	101638.8	-5752.0	3256	11.3	102445.8	-5753.6	3346	8.3	103058.3	-5736.5
3167	10.3	101642.3	-5707.7	3257	8.9	102450.4	-5702.5	3347	10.0	103058.8	-5734.8
3168	10.3	101659.0	-5717.7	3258	11.0	102452.1	-5727.9	3348	9.0	103101.0	-5736.1
3169	9.7	101705.0	-5718.7	3259	8.5	102455.1	-5719.5	3349	7.7	103103.3	-5734.1
3170	10.3	101722.0	-5741.0	3260	9.3	102458.2	-5722.5	3350	9.3	103112.0	-5735.1
3171	10.8	101728.2	-5755.0	3261	9.9	102503.3	-5728.4	3351	9.5	103117.0	-5737.1
3172	10.3	101730.0	-5718.7	3262	10.0	102512.4	-5724.9	3352	10.8	103118.8	-5750.9
3173	10.5	101732.5	-5739.0	3263	10.2	102512.7	-5730.9	3353	9.6	103119.1	-5732.0
3174	9.4	101732.9	-5714.4	3264	9.4	102520.4	-5718.8	3354	8.9	103121.6	-5734.1
3175	10.3	101733.1	-5734.0	3265	10.0	102539.3	-5724.1	3355	9.1	103121.9	-5707.3
3176	7.3	101740.5	-5739.0	3266	10.8	102547.9	-5738.6	3356	8.6	103124.0	-5713.3
3177	10.8	101747.3	-5750.0	3267	10.5	102602.8	-5704.4	3357	9.6	103129.4	-5708.3
3178	9.5	101747.5	-5739.0	3268	11.3	102603.4	-5726.2	3358	9.0	103130.0	-5737.1
3179	9.7	101756.8	-5727.1	3269	11.0	102605.9	-5749.8	3359	10.0	103130.3	-5712.0
3180	10.3	101757.4	-5745.0	3270	11.0	102607.4	-5739.9	3360	8.8	103136.6	-5718.0
3181	9.0	101802.4	-5702.7	3271	10.8	102611.1	-5738.9	3361	10.3	103142.6	-5717.9
3182	9.6	101810.8	-5751.0	3272	11.0	102617.4	-5746.8	3362	9.6	103149.8	-5745.2
3183	8.5	101812.7	-5753.0	3273	11.0	102623.9	-5738.2	3363	9.5	103151.2	-5721.8
3184	10.0	101815.8	-5730.4	3274	8.3	102627.6	-5724.4	3364	10.3	103153.3	-5726.7
3185	9.1	101834.6	-5722.4	3275	10.8	102630.4	-5729.0	3365	10.0	103156.2	-5724.3
3186	10.3	101837.8	-5709.7	3276	10.3	102630.7	-5726.0	3366	10.5	103156.7	-5754.9
3187	10.5	101843.6	-5703.7	3277	10.8	102631.0	-5752.9	3367	9.5	103157.4	-5709.3
3188	10.5	101857.2	-5728.2	3278	10.3	102637.4	-5726.1	3368	10.3	103158.2	-5753.9
3189	9.2	101909.1	-5700.7	3279	10.0	102657.4	-5706.9	3369	8.8	103200.5	-5738.9
3190	7.1	101916.5	-5718.7	3280	10.0	102700.0	-5702.4	3370	10.5	103201.5	-5700.6
3191	10.0	101927.5	-5738.0	3281	9.5	102704.0	-5707.4	3371	8.9	103205.0	-5711.3
3192	9.7	101937.8	-5725.5	3282	9.9	102704.8	-5725.3	3372	9.4	103208.9	-5758.9
3193	9.7	101950.8	-5750.0	3283	10.5	102706.1	-5736.0	3373	9.8	103212.5	-5713.3
3194	8.9	101951.3	-5752.0	3284	10.5	102706.5	-5747.0	3374	11.0	103216.3	-5729.0
3195	8.5	102004.0	-5739.0	3285	9.3	102718.8	-5726.7	3375	10.0	103224.6	-5715.6
3196	9.6	102012.6	-5723.7	3286	10.5	102719.4	-5737.6	3376	11.3	103228.6	-5757.9
3197	11.0	102013.3	-5727.0	3287	9.3	102720.6	-5736.0	3377	9.0	103231.9	-5746.9
3198	10.3	102018.7	-5728.0	3288	9.1	102721.5	-5745.0	3378	9.6	103232.6	-5758.9
3199	9.8	102023.1	-5721.7	3289	8.4	102740.5	-5754.0	3379	11.0	103235.8	-5734.4
3200	10.5	102023.2	-5733.0	3290	10.3	102743.5	-5749.0	3380	8.8	103236.5	-5758.9
3201	10.8	102025.9	-5726.0	3291	10.8	102745.1	-5744.0	3381	12.0	103237.2	-5756.6
3202	6.3	102027.6	-5756.0	3292	8.8	102749.7	-5733.0	3382	9.1	103237.7	-5721.8
3203	9.3	102035.1	-5734.0	3293	11.3	102751.9	-5753.0	3383	9.8	103241.6	-5708.3
3204	9.0	102039.1	-5735.0	3294	10.0	102752.4	-5758.8	3384	9.2	103247.5	-5705.9
3205	10.0	102048.2	-5732.0	3295	10.3	102800.1	-5749.0	3385	11.0	103254.9	-5749.4
3206	9.9	102051.1	-5721.4	3296	10.5	102802.5	-5733.8	3386	10.5	103255.5	-5714.3
3207	9.7	102057.1	-5704.7	3297	10.5	102814.0	-5743.3	3387	9.8	103259.4	-5718.0
3208	9.5	102110.9	-5747.0	3298	10.8	102819.0	-5751.1	3388	9.5	103303.7	-5715.3
3209	10.5	102111.6	-5736.0	3299	10.5	102822.0	-5720.4	3389	9.2	103304.3	-5755.9
3210	9.7	102112.9	-5714.5	3300	11.3	102823.0	-5733.9	3390	11.0	103306.9	-5749.9
3211	9.5	102122.4	-5712.0	3301	11.0	102823.8	-5744.0	3391	9.5	103311.6	-5736.9
3212	10.3	102132.2	-5732.0	3302	10.3	102825.9	-5756.0	3392	10.8	103319.8	-5722.3
3213	10.5	102132.2	-5753.0	3303	10.5	102826.0	-5747.5	3393	8.5	103322.6	-5737.9
3214	9.4	102133.1	-5759.0	3304	9.0	102827.5	-5750.0	3394	11.0	103323.5	-5739.0
3215	9.8	102139.6	-5759.0	3305	9.0	102828.9	-5751.0	3395	10.5	103324.2	-5724.3
3216	8.9	102144.5	-5741.0	3306	8.7	102829.4	-5732.0	3396	9.6	103336.0	-5747.9
3217	10.0	102146.2	-5729.2	3307	9.5	102830.4	-5720.1	3397	9.3	103336.4	-5702.8
3218	10.5	102147.6	-5759.0	3308	10.5	102831.5	-5740.3	3398	10.8	103344.9	-5759.9
3219	10.3	102150.5	-5746.0	3309	10.8	102836.1	-5747.0	3399	9.9	103344.9	-5714.5
3220	10.8	102153.1	-5734.0	3310	7.3	102842.3	-5733.0	3400	9.2	103347.7	-5723.7
3221	9.5	102154.0	-5743.0	3311	9.7	102844.5	-5714.4	3401	11.0	103349.0	-5746.9
3222	10.0	102210.3	-5740.0	3312	10.5	102850.9	-5702.4	3402	10.3	103350.8	-5724.3
3223	10.5	102210.7	-5730.0	3313	10.3	102850.9	-5709.4	3403	9.7	103358.5	-5706.3
3224	9.2	102220.6	-5702.5	3314	10.5	102901.1	-5705.4	3404	8.4	103409.0	-5707.3
3225	10.5	102222.0	-5739.0	3315	10.5	102915.6	-5723.3	3405	9.5	103412.0	-5758.0
3226	10.8	102227.6	-5736.0	3316	11.0	102922.0	-5731.0	3406	9.6	103419.1	-5751.7
3227	10.8	102231.0	-5738.0	3317	11.3	102924.3	-5751.4	3407	10.0	103420.6	-5758.1
3228	10.8	102234.8	-5751.0	3318	10.5	102932.4	-5741.0	3408	11.0	103421.1	-5754.5
3229	9.7	102238.2	-5726.5	3319	9.8	102935.1	-5704.3	3409	9.3	103427.6	-5728.9
3230	5.0	102246.4	-5700.5	3320	10.3	102935.4	-5759.0	3410	9.8	103428.6	-5753.7
3231	10.3	102253.3	-5749.0	3321	9.3	102937.4	-5758.0	3411	9.7	103428.7	-5744.9
3232	9.7	102253.4	-5701.5	3322	9.8	102945.3	-5708.3	3412	9.6	103430.3	-5736.9
3233	9.9	102256.5	-5700.0	3323	10.5	102948.5	-5729.5	3413	10.3	103432.6	-5754.7
3234	9.4	102259.0	-5700.1	3324	11.0	102949.7	-5733.7	3414	10.0	103442.1	-5725.7
3235	9.4	102300.9	-5746.0	3325	9.6	102952.3	-5708.3	3415	10.0	103443.8	-5739.9
3236	10.0	102309.1	-5735.0	3326	10.3	102953.0	-5729.0	3416	11.0	103455.1	-5725.8
3237	10.5	102309.1	-5721.4	3327	10.3	103001.0	-5734.0	3417	9.7	103457.8	-5743.9
3238	11.0	102326.4	-5739.9	3328	8.7	103002.9	-5730.5	3418	10.5	103502.3	-5722.0
3239	10.8	102334.3	-5759.9	3329	10.8	103003.5	-5730.0	3419	9.6	103508.7	-5749.6
3240	10.8	102334.7	-5751.8	3330	11.0	103003.7	-5731.0	3420	9.8	103539.8	-5710.2
3241	9.5	102336.0	-5703.5	3331	9.7	103007.6	-5721.3	3421	9.6	103600.7	-5730.7
3242	10.3	102336.1	-5727.7	3332	10.0	103011.5	-5731.7	3422	7.5	103601.4	-5717.2
3243	10.8	102342.6	-5726.9	3333	9.0	103015.4	-5710.3	3423	9.8	103601.4	-5718.9
3244	9.6	102351.3	-5704.0	3334	7.6	103018.1	-5702.3	3424	9.5	103613.9	-5755.5
3245	10.3	102403.4	-5723.3	3335	11.3	103018.8	-5753.0	3425	8.5	103617.0	-5707.7
3246	9.6	102409.6	-5707.5	3336	11.5	103021.2	-5731.8	3426	9.5	103628.4	-5700.8
3247	11.0	102410.8	-5744.8	3337	9.8	103025.4	-5702.0	3427	9.5	103630.4	-5707.1
3248	8.9	102412.2	-5745.8	3338	9.6	103032.2	-5717.2	3428	9.7	103630.5	-5745.9
3249	8.5	102415.6	-5724.7	3339	10.5	103035.0	-5728.0	3429	9.4	103632.8	-5727.0
3250	8.7	102426.3	-5748.9	3340	10.0	103043.0	-5733.3	3430	9.7	103634.6	-5739.0
3251	9.9	102426.9	-5707.5	3341	11.3	103044.2	-5759.1	3431	9.7	103645.8	-5721.1
3252	10.3	102429.3	-5741.3	3342	10.5	103047.3	-5736.6	3432	11.0	103645.9	-5736.8
3253	9.9	102429.8	-5708.0	3343	10.5	103051.2	-5757.1	3433	10.3	103651.7	-5718.1
3254	11.0	102436.3	-5741.6	3344	9.0	103055.1	-5734.6	3434	9.3	103654.4	-5741.9
3435	9.5	103729.7	-5730.8								
3436	9.3	103736.8	-5722.6								
3437	9.5	103757.9	-5738.8								
3438	10.0	103802.2	-5725.8								
3439	10.0	103805.6	-5736.8								
3440	10.0	103809.0	-5733.5								
3441	9.3	103809.4	-5704.1								
3442	9.5	103812.5	-5758.8								
3443	8.1	103812.6	-5730.1								
3444	10.8	103822.6	-5730.1								
3445	10.3	103839.5	-5725.5								
3446	9.8	103841.3	-5719.1								
3447	10.0	103851.6	-5748.8								
3448	9.8	103855.9	-5722.1								
3449	8.7	103902.9	-5702.1								
3450	10.0	103905.8	-5716.1								
3451	9.5	103910.2	-5725.5								
3452	10.0	103912.3	-5727.8								
3453	10.0	103915.9	-5728.4								
3454	8.6	103918.5	-5743.8								
3455	10.0	103918.6	-5724.4								
3456	10.3	103920.4	-5720.1								
3457	10.3	103923.4	-5730.8								
3458	9.5	103924.6	-5705.4								
3459	8.7	103924.9	-5724.9								
3460	8.7	103926.7	-5744.8								
3461	10.3	103937.9	-5730.8								
3462	9.0	103953.4	-5725.6								
3463	10.5	103953.5	-5701.3								
3464	10.3	103955.6	-5753.3								
3465	9.9	104005.0	-5726.6								
3466	10.3	104006.2	-5747.8								
3467	8.1	104009.8	-5728.8								
3468	7.4	104013.0	-5704.0								
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3471	10.8	104042.1	-5743.8								
3472	10.5	104044.2	-5750.8								
3473	10.3	104045.0	-5756.8								
3474	10.0	104047.4	-5716.0								
3475	10.5	104053.1	-5706.3								
3476	10.5	104059.8	-5713.0								
3477	10.5	104103.8	-5714.0								
3478	9.6	104125.2	-5748.8								
3479	9.8	104128.0	-5759.8								
3480	10.5	104131.5	-5703.3								
3481	10.3	104140.5	-5726.8								
3482	10.3	104142.1	-5728.8								
3483	10.8	104149.8	-5744.8								
3484	11.0	104153.4	-5742.8								
3485	8.7	104203.5	-5717.9								
3486	8.8	104204.5	-5718.9								
3487	10.5	104207.4	-5711.9								
3488	9.7	104210.6	-5756.8								
3489	10.3	104213.3	-5705.9								
3490	10.0	104214.7	-5724.9								
3491	10.0	104220.9	-5742.8								
3492	9.1	104227.5	-5726.8								
3493	8.8	104240.5	-5715.9								
3494	11.0	104243.0	-5730.8								
3495	10.8	104244.1	-5759.8								
3496	10.3	104254.6	-5723.9								
3497	9.6	104259.0	-5731.8								
3498	10.5	104306.3	-5748.8								
3499	10.5	104324.3	-5744.7								
3500	9.8	104332.0	-5700.9								
3501	9.5	104332.0	-5730.7								
3502	10.3	104333.0	-5729.7								
3503	7.5	104337.3	-5700.9								
3504	9.8	104338.5	-5712.9								
3505	9.5	104339.2	-5719.9								
3506	9.5	104339.6	-5755.7								
3507	9.1	104339.7	-5745.7								
3508	9.7	104344.4	-5708.9								
3509	9.7	104344.9	-5704.9								
3510	9.8	104348.8	-5715.5								
3511	9.8	104355.1	-5739.7								
3512	10.3	104359.4	-5752.4								
3513	9.1	104407.4	-5700.9								
3514	7.8	104411.1	-5718.9								
3515	9.8	104422.7	-5758.7								
3516	9.5	104424.7	-5721.9								
3517	9.8	104427.7	-5726.3								
3518	10.0	104427.9	-5747.7								
3519	10.3	104435.8	-5706.9								
3520	9.6	104447.4	-5704.9								
3521	10.5	104457.0	-5741.7								
3522	8.7	104500.0	-5712.9								
3523	10.5	104501.0	-5738.7								
3524	10.0	104502.2	-5722.9								

-57 3525 10h45m

-57 3884 11h16m

3525	9.6	104519.8	-5717.9	3615	7.7	105322.3	-5719.6	3705	9.5	110125.0	-5754.5
3526	9.6	104532.5	-5753.7	3616	9.6	105331.1	-5732.6	3706	9.5	110125.6	-5703.4
3527	9.1	104533.6	-5710.7	3617	9.3	105332.6	-5710.6	3707	9.8	110129.5	-5725.6
3528	10.3	104534.1	-5743.7	3618	10.5	105334.6	-5708.0	3708	10.0	110132.6	-5707.0
3529	9.4	104534.4	-5731.7	3619	10.0	105336.1	-5735.6	3709	8.5	110137.0	-5733.4
3530	9.8	104556.2	-5728.7	3620	10.3	105347.4	-5742.6	3710	9.5	110149.2	-5742.6
3531	10.0	104602.3	-5721.8	3621	10.5	105348.4	-5728.1	3711	9.9	110204.3	-5715.3
3532	9.8	104602.6	-5725.1	3622	10.8	105350.9	-5713.1	3712	10.0	110209.7	-5700.3
3533	8.5	104608.5	-5742.7	3623	10.0	105351.6	-5754.6	3713	9.7	110210.6	-5748.4
3534	9.6	104608.8	-5722.8	3624	8.5	105403.8	-5701.6	3714	10.0	110210.9	-5720.3
3535	9.5	104614.0	-5706.5	3625	9.6	105404.0	-5728.3	3715	10.0	110211.1	-5701.3
3536	8.8	104616.3	-5726.2	3626	10.3	105407.8	-5725.6	3716	9.5	110221.6	-5750.4
3537	9.3	104616.8	-5734.7	3627	8.9	105409.9	-5727.6	3717	10.3	110230.0	-5736.4
3538	9.5	104617.8	-5703.8	3628	10.0	105410.7	-5732.6	3718	10.3	110233.2	-5758.4
3539	9.7	104618.1	-5718.8	3629	10.5	105414.4	-5750.9	3719	8.0	110237.0	-5737.4
3540	9.4	104631.5	-5724.7	3630	10.5	105415.9	-5724.4	3720	10.0	110242.6	-5702.3
3541	9.8	104632.1	-5741.7	3631	10.5	105416.5	-5743.6	3721	9.5	110242.6	-5749.4
3542	9.0	104636.5	-5734.7	3632	10.5	105435.0	-5707.6	3722	9.4	110245.3	-5716.3
3543	10.0	104637.0	-5747.7	3633	9.7	105438.3	-5700.6	3723	10.3	110255.4	-5759.4
3544	9.5	104643.9	-5712.6	3634	9.4	105441.3	-5729.6	3724	10.0	110301.5	-5745.4
3545	9.0	104651.8	-5720.2	3635	10.5	105453.2	-5730.6	3725	10.5	110304.2	-5738.4
3546	7.6	104653.7	-5744.7	3636	9.4	105455.8	-5740.6	3726	9.9	110305.1	-5707.3
3547	10.3	104712.3	-5728.2	3637	9.8	105457.7	-5724.6	3727	10.0	110305.4	-5701.3
3548	9.3	104715.6	-5731.7	3638	10.8	105458.6	-5727.0	3728	9.3	110309.2	-5745.4
3549	9.8	104720.0	-5711.3	3639	9.5	105507.7	-5743.6	3729	9.5	110322.5	-5725.3
3550	8.1	104721.0	-5735.7	3640	9.5	105520.5	-5701.6	3730	9.8	110341.3	-5717.3
3551	9.8	104722.7	-5729.5	3641	10.0	105522.0	-5748.5	3731	10.3	110342.5	-5753.4
3552	9.8	104726.3	-5709.4	3642	10.0	105525.8	-5758.5	3732	10.3	110344.8	-5707.3
3553	9.3	104740.1	-5721.8	3643	10.0	105528.1	-5735.5	3733	9.5	110350.1	-5751.4
3554	8.6	104741.3	-5753.7	3644	9.8	105530.7	-5732.5	3734	9.7	110401.1	-5750.4
3555	10.5	104746.8	-5708.8	3645	10.0	105541.0	-5719.9	3735	9.8	110412.6	-5704.7
3556	9.9	104747.1	-5758.7	3646	10.3	105549.1	-5740.5	3736	9.8	110414.5	-5722.8
3557	9.8	104748.3	-5706.8	3647	10.5	105551.0	-5757.5	3737	9.4	110414.7	-5710.5
3558	10.3	104757.8	-5746.7	3648	9.4	105551.9	-5715.6	3738	10.0	110420.6	-5753.4
3559	10.5	104759.7	-5706.8	3649	10.0	105557.6	-5717.3	3739	10.3	110424.3	-5735.5
3560	9.8	104801.0	-5718.8	3650	9.7	105601.8	-5729.5	3740	10.3	110427.0	-5725.8
3561	9.5	104802.4	-5736.7	3651	10.0	105603.0	-5734.5	3741	9.5	110429.3	-5734.4
3562	7.5	104802.8	-5709.1	3652	8.9	105603.2	-5726.5	3742	9.7	110437.5	-5724.2
3563	9.0	104808.9	-5710.8	3653	9.5	105603.6	-5749.5	3743	9.8	110438.7	-5708.9
3564	9.8	104815.2	-5713.3	3654	10.0	105608.4	-5717.7	3744	10.8	110449.3	-5716.2
3565	9.3	104817.4	-5712.2	3655	10.5	105620.0	-5714.0	3745	10.3	110452.2	-5737.4
3566	9.3	104823.4	-5745.7	3656	9.7	105633.4	-5705.5	3746	9.7	110453.6	-5750.4
3567	10.0	104833.2	-5737.0	3657	8.9	105633.7	-5730.5	3747	9.1	110459.1	-5728.7
3568	9.5	104833.9	-5733.7	3658	9.7	105637.2	-5720.5	3748	9.4	110502.9	-5723.3
3569	9.8	104840.5	-5754.7	3659	9.7	105637.8	-5705.8	3749	9.6	110527.2	-5729.4
3570	10.5	104841.0	-5755.7	3660	9.7	105653.8	-5729.5	3750	8.3	110531.4	-5746.4
3571	9.7	104851.1	-5707.3	3661	8.4	105708.5	-5713.5	3751	9.7	110541.2	-5758.4
3572	10.0	104855.5	-5703.7	3662	9.7	105709.8	-5704.2	3752	9.4	110544.0	-5733.9
3573	10.0	104855.6	-5737.7	3663	10.0	105712.6	-5715.5	3753	10.3	110546.1	-5700.1
3574	9.5	104859.8	-5713.2	3664	10.0	105716.2	-5754.5	3754	9.1	110551.3	-5751.4
3575	9.8	104900.5	-5725.2	3665	8.8	105723.0	-5743.5	3755	9.9	110556.7	-5736.4
3576	9.6	104915.6	-5724.2	3666	9.8	105746.2	-5731.5	3756	8.8	110559.1	-5748.4
3577	10.0	104916.2	-5744.7	3667	9.2	105756.5	-5742.5	3757	9.4	110603.1	-5746.4
3578	9.5	104922.8	-5709.7	3668	10.0	105756.8	-5727.2	3758	9.9	110608.2	-5712.1
3579	9.8	104941.8	-5730.6	3669	9.3	105759.3	-5725.5	3759	9.8	110616.2	-5734.4
3580	10.0	104942.2	-5745.6	3670	10.3	105807.5	-5739.5	3760	9.5	110624.8	-5715.1
3581	9.0	104946.7	-5753.6	3671	10.3	105810.8	-5721.9	3761	10.5	110626.1	-5729.4
3582	10.0	105006.0	-5758.6	3672	9.6	105813.1	-5716.5	3762	9.8	110629.3	-5714.1
3583	10.0	105012.6	-5729.6	3673	9.4	105810.9	-5752.5	3763	10.0	110632.1	-5748.4
3584	10.5	105017.1	-5735.6	3674	9.8	105822.0	-5739.5	3764	7.5	110639.2	-5744.4
3585	10.0	105017.1	-5737.6	3675	11.0	105824.2	-5719.0	3765	9.2	110641.9	-5731.4
3586	9.7	105019.5	-5706.7	3676	8.9	105827.0	-5710.5	3766	9.9	110646.0	-5728.2
3587	8.5	105024.8	-5757.6	3677	9.8	105828.7	-5728.0	3767	9.9	110652.5	-5710.3
3588	9.9	105031.4	-5706.7	3678	9.3	105829.8	-5733.5	3768	9.5	110656.8	-5714.1
3589	10.5	105033.9	-5725.7	3679	8.8	105838.1	-5742.5	3769	8.8	110657.4	-5753.4
3590	8.5	105051.2	-5724.0	3680	10.3	105839.1	-5748.5	3770	9.6	110658.6	-5709.1
3591	10.3	105059.5	-5705.7	3681	6.6	105843.1	-5716.5	3771	9.3	110704.9	-5722.1
3592	8.5	105101.0	-5724.2	3682	9.8	105846.4	-5746.5	3772	8.5	110711.2	-5758.4
3593	10.5	105105.4	-5720.1	3683	10.5	105851.0	-5701.4	3773	9.3	110727.8	-5713.0
3594	10.5	105107.4	-5701.4	3684	8.9	105855.9	-5705.4	3774	10.0	110732.2	-5726.6
3595	7.8	105107.8	-5723.7	3685	8.7	105858.4	-5747.5	3775	10.5	110733.1	-5749.3
3596	9.6	105112.4	-5746.5	3686	10.3	105901.7	-5756.5	3776	9.8	110743.8	-5730.3
3597	10.5	105134.9	-5705.3	3687	9.7	105912.4	-5706.4	3777	10.0	110746.0	-5751.1
3598	8.2	105142.3	-5759.6	3688	10.5	105924.8	-5724.7	3778	10.3	110751.5	-5758.2
3599	10.0	105143.0	-5706.1	3689	10.0	105931.2	-5759.5	3779	9.9	110751.8	-5727.3
3600	10.0	105149.7	-5746.6	3690	9.1	105937.9	-5752.5	3780	8.3	110757.7	-5756.3
3601	9.9	105154.8	-5723.7	3691	10.5	105939.7	-5702.1	3781	9.5	110759.3	-5715.0
3602	10.5	105158.5	-5746.6	3692	9.7	105953.4	-5744.5	3782	9.2	110759.8	-5749.3
3603	9.8	105213.0	-5747.6	3693	9.3	110000.9	-5730.5	3783	9.5	110808.1	-5707.0
3604	11.0	105219.4	-5727.8	3694	9.7	110003.0	-5708.4	3784	10.5	110809.6	-5747.3
3605	10.3	105222.5	-5748.6	3695	9.3	110014.2	-5756.5	3785	9.3	110825.6	-5756.3
3606	9.8	105224.7	-5717.6	3696	8.8	110028.2	-5759.5	3786	9.7	110828.2	-5736.3
3607	9.8	105230.2	-5732.6	3697	9.2	110029.2	-5721.4	3787	8.5	110831.8	-5714.0
3608	9.9	105231.6	-5736.6	3698	9.6	110031.4	-5752.5	3788	9.7	110832.7	-5737.3
3609	9.6	105238.4	-5735.5	3699	10.0	110035.2	-5755.5	3789	9.0	110834.8	-5757.3
3610	8.8	105241.2	-5716.6	3700	8.7	110035.8	-5758.5	3790	10.0	110849.3	-5726.3
3611	8.6	105242.3	-5722.6	3701	10.0	110037.4	-5759.5	3791	10.3	110850.9	-5718.6
3612	9.4	105252.6	-5709.6	3702	9.5	110104.6	-5749.5	3792	9.4	110851.6	-5727.9
3613	10.0	105256.9	-5723.6	3703	8.7	110104.8	-5717.4	3793	9.9	110854.1	-5727.4
3614	10.5	105259.7	-5733.6	3704	7.5	110111.1	-5759.9	3794	8.0	110855.6	-5707.0
3795	9.0	110856.5	-5736.0								
3796	9.9	110902.3	-5727.3								
3797	10.0	110910.3	-5712.7								
3798	9.4	110912.2	-5709.5								
3799	9.7	110915.3	-5714.0								
3800	9.8	110928.1	-5746.3								
3801	9.6	110932.9	-5755.3								
3802	10.3	110937.2	-5741.3								
3803	7.6	110937.8	-5734.3								
3804	8.9	110947.6	-5729.8								
3805	9.0	110949.9	-5727.6								
3806	10.3	110950.1	-5705.9								
3807	10.3	110951.1	-5706.5								
3808	10.0	110956.0	-5722.6								
3809	9.3	111009.4	-5714.9								
3810	9.9	111010.3	-5727.3								
3811	8.1	111013.4	-5719.2								
3812	9.8	111019.8	-5715.9								
3813	10.8	111021.1	-5703.9								
3814	10.5	111026.0	-5740.4								
3815	10.3	111039.2	-5734.3								
3816	9.9	111100.0	-5713.1								
3817	9.9	111101.4	-5701.9								
3818	9.9	111106.8	-5713.4								
3819	10.5	111110.1	-5758.3								
3820	9.9	111115.0	-5708.9								
3821	10.0	111118.7	-5711.9								
3822	10.5	111120.3	-5727.3								
3823	9.5	111127.3	-5727.3								
3824	10.3	111135.7	-5710.9								
3825	10.0	111137.5	-5759.2								
3826	11.0	111144.8	-5749.3								
3827	9.3	111157.2	-5726.3								
3828	9.8	111201.1	-5728.3								
3829	9.7	111204.9	-5755.3								
3830	9.4	111205.6	-5728.0								
3831	10.5	111207.7	-5736.3								
3832	9.3	111211.4	-5718.8								
3833	9.6	111213.7	-5728.3								
3834	10.5	111239.4	-5717.8								
3835	9.9	111239.6	-5706.8								
3836	9.6	111243.0	-5729.3								
3837	10.3	111300.9	-5758.3								
3838	9.3	111307.6	-5752.3								
3839	7.5	111311.3	-5730.2								
3840	9.0	111315.5	-5746.5								
3841	9.6	111316.4	-5740.2								
3842	9.2	111317.5	-5759.5								
3843	9.4	111327.4	-5756.2								
3844	10.8	111327.7	-5708.8								
3845	9.3	111331.2	-5731.2								
3846	10.5	111343.2	-5706.8								
3847	10.5	111348.9	-5759.2								
3848	9.7	111355.6	-5749.2								
3849	9.7	111401.2	-5735.2								
3850	10.5	111405.7	-5708.3								
3851	10.3	111406.1	-5705.2								
3852	10.0	111414.5	-5743.0								
3853	9.7	111414.6	-5737.2								
3854	9.8	111420.2	-5738.2								
3855	8.2	111420.3	-5728.5								
3856	10.5	111431.6	-5728.2								
3857	9.9	111443.8	-5723.8								
3858	10.8	111447.2	-5707.4								
3859	9.9	111447.4	-5731.2								
3860	10.5	111451.6	-5753.2								
3861	9.3	111452.1	-5746.2								
3862	8.3	111507.1	-5738.2								
3863	11.0	111509.3	-5718.7								
3864	9.7	111510.0	-5716.2								
3865	9.9	111511.3	-5733.2								
3866	10.0	111516.2	-5742.2								
3867	9.5	111516.6	-5723.4								
3868	8.5	111517.5	-5748.2								
3869	10.0	111517.9	-5713.7								
3870	10.5	111542.5	-5732.2								
3871	9.3	111543.5	-5728.2								
3872	10.5	111544.9	-5721.7								
3873	10.0	111549.8	-5746.2								
3874	9.6	111558.0	-5714.7								
3875	9.5	111609.4	-5756.2								
3876	9.1	111609.4	-5740.2								
3877	10.3	111612.7	-5750.7								
3878	10.3	111615.7	-5724.2								
3879	9.8	111617.1	-5717.7								
3880	10.3	111631.2	-5725.6								
3881	9.7	111634.8	-5741.2								
3882	7.4	111638.6	-5742.2								
3883	10.3	111644.3	-5732.2								
3884	9.9	111647.9	-5735.2								

-57 3885 11h16m

-57 4244 11h54m

3885	10.3	111649.4	-5710.7	3975	10.3	112436.7	-5736.0	4065	10.0	113431.0	-5706.7
3886	9.9	111650.9	-5736.2	3976	9.8	112443.5	-5720.6	4066	9.6	113431.3	-5740.2
3887	10.8	111651.6	-5717.9	3977	10.0	112445.5	-5705.6	4067	10.3	113432.0	-5718.7
3888	9.8	111701.2	-5759.9	3978	9.4	112445.5	-5748.6	4068	8.7	113445.0	-5724.6
3889	9.1	111709.3	-5748.2	3979	10.3	112451.7	-5746.0	4069	10.0	113454.0	-5713.6
3890	8.1	111710.8	-5738.2	3980	9.8	112455.1	-5705.5	4070	9.8	113454.0	-5708.6
3891	10.3	111715.2	-5750.8	3981	10.5	112500.0	-5708.6	4071	9.8	113455.1	-5745.7
3892	9.6	111716.1	-5720.4	3982	10.5	112503.7	-5750.0	4072	10.0	113456.0	-5702.0
3893	9.9	111718.4	-5707.7	3983	10.0	112506.7	-5750.0	4073	10.0	113505.3	-5730.8
3894	9.8	111723.7	-5728.6	3984	9.5	112512.7	-5735.0	4074	10.0	113505.7	-5731.7
3895	9.5	111730.2	-5722.6	3985	10.3	112525.7	-5736.0	4075	9.0	113512.1	-5748.9
3896	10.0	111739.7	-5722.6	3986	10.0	112528.4	-5743.0	4076	10.3	113516.7	-5741.7
3897	10.8	111755.2	-5711.6	3987	9.2	112535.7	-5754.6	4077	10.3	113521.0	-5714.0
3898	10.0	111755.7	-5739.2	3988	9.4	112538.3	-5701.0	4078	10.0	113526.8	-5749.4
3899	7.5	111800.5	-5734.2	3989	9.8	112544.4	-5756.0	4079	9.6	113530.0	-5703.6
3900	9.7	111802.4	-5709.6	3990	10.0	112601.0	-5706.8	4080	10.0	113537.0	-5758.7
3901	10.5	111807.5	-5738.2	3991	9.8	112604.8	-5726.8	4081	10.5	113547.7	-5743.7
3902	8.6	111811.9	-5730.2	3992	10.3	112618.0	-5742.0	4082	9.7	113549.6	-5753.2
3903	6.8	111816.5	-5711.4	3993	9.1	112619.4	-5731.4	4083	10.0	113555.0	-5714.5
3904	7.5	111816.9	-5711.6	3994	9.8	112619.7	-5742.6	4084	10.0	113555.7	-5743.1
3905	9.5	111823.4	-5742.2	3995	9.0	112622.7	-5749.0	4085	8.8	113601.0	-5719.0
3906	9.5	111826.4	-5740.2	3996	9.6	112642.0	-5739.9	4086	10.0	113609.0	-5710.0
3907	9.6	111834.5	-5733.2	3997	9.9	112647.1	-5728.0	4087	9.5	113622.5	-5740.7
3908	7.5	111846.3	-5730.2	3998	9.6	112652.3	-5749.2	4088	9.2	113630.0	-5712.4
3909	8.8	111846.4	-5702.9	3999	9.8	112653.0	-5722.2	4089	10.0	113636.0	-5712.4
3910	10.5	111849.2	-5741.8	4000	9.3	112657.1	-5752.0	4090	10.0	113642.0	-5710.4
3911	9.9	111859.9	-5756.2	4001	9.5	112720.9	-5728.0	4091	10.5	113653.0	-5716.4
3912	9.9	111905.0	-5758.2	4002	9.0	112722.0	-5724.6	4092	10.0	113700.0	-5717.4
3913	9.6	111907.3	-5745.2	4003	9.2	112726.6	-5756.8	4093	10.0	113702.0	-5720.4
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3915	9.6	111914.1	-5759.1	4005	10.5	112806.0	-5714.1	4095	9.7	113725.0	-5722.4
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3932	9.5	112104.9	-5730.1	4022	10.0	112930.9	-5752.8	4112	9.0	113958.0	-5723.8
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4618	10.3	123159.8	-5734.6	4708	11.5	124036.2	-5735.7	4798	9.0	125016.7	-5742.5
4619	10.5	123203.6	-5742.4	4709	9.5	124040.7	-5706.8	4799	10.3	125018.4	-5716.5
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4622	9.9	123236.1	-5712.8	4712	10.5	124114.1	-5739.5	4802	10.0	125051.4	-5749.6
4623	10.5	123237.6	-5715.8	4713	10.5	124115.3	-5728.5	4803	8.3	125053.8	-5747.5
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4642	9.6	123411.1	-5743.4	4732	11.3	124257.8	-5733.0	4822	10.0	125258.3	-5734.5
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4646	10.8	123426.6	-5716.8	4736	10.0	124333.2	-5735.5	4826	9.0	125359.3	-5728.0
4647	10.3	123427.1	-5715.8	4737	8.6	124338.3	-5702.8	4827	9.0	125359.8	-5727.5
4648	10.5	123436.2	-5708.8	4738	9.6	124338.8	-5726.5	4828	10.8	125416.3	-5705.5
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4651	8.1	123453.8	-5704.8	4741	10.0	124350.6	-5715.8	4831	10.3	125428.2	-5741.6
4652	10.3	123501.6	-5713.8	4742	9.0	124355.7	-5706.8	4832	9.9	125432.8	-5734.6
4653	10.0	123512.0	-5746.4	4743	7.7	124416.4	-5747.5	4833	10.5	125503.5	-5756.6
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4655	10.5	123522.5	-5721.8	4745	10.3	124425.6	-5712.8	4835	10.3	125524.4	-5715.6
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4657	11.0	123532.4	-5757.4	4747	11.0	124441.9	-5756.5	4837	10.5	125543.9	-5742.6
4658	10.5	123533.6	-5713.8	4748	11.3	124442.2	-5754.5	4838	10.3	125602.0	-5755.6
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4660	11.0	123543.9	-5759.4	4750	10.3	124445.5	-5723.8	4840	10.8	125610.3	-5746.6
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4662	9.7	123558.2	-5704.8	4752	9.8	124502.0	-5718.8	4842	8.8	125653.0	-5754.6
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4664	10.5	123606.0	-5747.4	4754	10.5	124517.2	-5734.5	4844	10.5	125711.0	-5728.6
4665	11.0	123609.9	-5725.8	4755	10.0	124526.6	-5711.8	4845	8.8	125713.0	-5754.6
4666	10.5	123623.1	-5712.8	4756	9.4	124535.1	-5715.8	4846	9.1	125718.2	-5733.6
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4668	11.0	123639.6	-5743.4	4758	9.2	124554.7	-5734.5	4848	9.5	125734.4	-5704.6
4669	9.5	123702.6	-5716.8	4759	10.3	124600.0	-5721.8	4849	9.2	125744.3	-5717.6
4670	10.0	123702.9	-5758.4	4760	8.6	124603.6	-5714.8	4850	10.5	125748.2	-5739.6
4671	10.8	123705.3	-5733.8	4761	10.3	124605.6	-5716.8	4851	9.4	125748.4	-5744.6
4672	9.6	123714.0	-5737.4	4762	11.0	124619.0	-5753.5	4852	8.1	125757.6	-5751.6
4673	10.0	123730.5	-5752.4	4763	11.0	124620.6	-5743.5	4853	9.2	125801.7	-5706.6
4674	9.6	123730.8	-5728.6	4764	11.0	124622.2	-5735.5	4854	10.5	125808.0	-5752.6
4675	10.3	123733.0	-5722.8	4765	10.5	124627.7	-5706.8	4855	9.2	125829.3	-5754.6
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4680	10.0	123815.7	-5708.8	4770	9.2	124728.0	-5702.6	4860	9.7	125840.7	-5755.6
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4682	9.5	123824.6	-5752.4	4772	10.0	124730.1	-5723.0	4862	10.3	125857.9	-5733.6
4683	9.5	123832.0	-5732.4	4773	10.8	124734.1	-5739.5	4863	10.8	125900.5	-5725.6
4684	9.2	123834.0	-5731.4	4774	10.0	124735.3	-5745.7	4864	10.5	125918.3	-5727.6
4685	10.3	123834.6	-5706.8	4775	10.3	124736.5	-5754.5	4865	10.3	125920.9	-5725.6
4686	10.0	123839.2	-5731.2	4776	11.0	124738.0	-5733.5	4866	9.5	125941.8	-5731.6
4687	10.0	123839.2	-5705.8	4777	9.7	124738.8	-5722.1	4867	10.3	125950.3	-5730.6
4688	8.2	123839.7	-5749.4	4778	9.5	124739.3	-5713.2	4868	10.8	125953.2	-5740.6
4689	9.7	123843.5	-5729.6	4779	9.5	124752.2	-5732.0	4869	10.8	125953.3	-5707.6
4690	10.8	123850.3	-5753.1	4780	9.8	124756.4	-5714.4	4870	9.9	130000.2	-5750.6
4691	10.8	123908.0	-5751.0	4781	9.3	124809.2	-5704.5	4871	10.3	130000.7	-5747.6
4692	8.6	123909.7	-5753.4	4782	9.3	124811.3	-5708.5	4872	10.0	130029.0	-5738.6
4693	8.8	123916.2	-5715.8	4783	9.9	124818.0	-5752.5	4873	9.7	130036.3	-5707.6
4694	10.0	123917.2	-5707.8	4784	10.5	124821.1	-5713.5	4874	9.4	130052.9	-5708.6
4875	9.3	130106.9	-5700.6								
4876	10.5	130116.7	-5751.9								
4877	9.0	130117.7	-5743.6								
4878	10.0	130130.1	-5735.6								
4879	10.5	130132.6	-5718.6								
4880	10.0	130133.2	-5739.6								
4881	9.5	130143.4	-5710.6								
4882	9.0	130149.4	-5705.7								
4883	10.0	130202.2	-5723.7								
4884	9.8	130206.6	-5725.7								
4885	9.3	130207.8	-5721.7								
4886	9.5	130222.1	-5701.7								
4887	7.7	130245.3	-5704.7								
4888	9.8	130249.0	-5757.6								
4889	9.8	130251.1	-5734.6								
4890	9.6	130251.5	-5712.7								
4891	9.4	130302.6	-5737.6								
4892	9.4	130317.0	-5722.7								
4893	10.8	130325.1	-5701.7								
4894	10.8	130329.4	-5714.6								
4895	10.0	130330.0	-5713.7								
4896	10.3	130344.9	-5721.7								
4897	10.3	130350.4	-5747.6								
4898	11.8	130350.5	-5729.6								
4899	10.8	130403.0	-5757.6								
4900	10.8	130404.9	-5743.6								
4901	9.4	130408.9	-5720.7								
4902	9.9	130411.4	-5754.6								
4903	10.3	130411.9	-5719.7								
4904	9.1	130427.3	-5706.7								
4905	10.3	130427.6	-5732.6								
4906	10.0	130433.8	-5701.7								
4907	10.5	130438.4	-5728.2								
4908	10.5	130442.0	-5711.6								
4909	9.2	130445.5	-5759.6								
4910	9.6	130450.2	-5708.7								
4911	10.0	130512.8	-5718.7								
4912	10.5	130514.7	-5711.7								
4913	10.0	130517.3	-5739.6								
4914	9.4	130521.1	-5701.7								
4915	10.3	130522.6	-5708.7								
4916	10.0	130535.4	-5759.6								
4917	9.3	130546.4	-5741.6								
4918	9.9	130549.1	-5717.7								
4919	10.5	130558.2	-5731.6								
4920	10.3	130600.0	-5707.7								
4921	9.2	130604.6	-5757.6								
4922	10.3	130604.9	-5731.6								
4923	9.3	130611.3	-5703.7								
4924	9.8	130616.7	-5747.6								
4925	7.7	130619.5	-5738.7								
4926	9.4	130622.7	-5748.7								
4927	10.3	130626.3	-5702.7								
4928	10.3	130638.8	-5738.7								
4929	8.5	130651.0	-5705.7								
4930	9.4	130654.6	-5739.7								
4931	10.0	130704.1	-5715.7								
4932	9.9	130715.3	-5754.5								
4933	10.5	130719.4	-5758.5								
4934	9.8	130742.4	-5751.5								
4935	10.3	130818.1	-5752.5								
4936	10.0	130825.5	-5749.5								
4937	9.5	130828.4	-5742.5								
4938	10.8	130829.1	-5709.7								
4939	11.0	130852.0	-5702.7								
4940	9.4	130915.5	-5741.5								
4941	10.5	130915.6	-5705.7								
4942	8.8	131039.4	-5728.6								
4943	8.6	131055.9	-5736.5								
4944	10.5	131127.0	-5714.8								
4945	10.8	131127.0	-5720.8								
4946	10.0	131128.7	-5735.5								
4947	8.7	131130.9	-5731.5								
4948	10.0	131134.5	-5720.8								
4949	8.4	131138.5	-5749.5								
4950	9.5	131146.6	-5751.5								
4951	9.6	131159.8	-5743.5								
4952	10.5	131209.2	-5727.5								
4953	10.0	131212.3	-5732.5								
4954	10.0	131222.4	-5756.5								
4955	10.5	131223.8	-5717.8								
4956	9.7	131226.6	-5732.5								
4957	10.0	131238.8	-5756.5								
4958	9.0	131245.7	-5759.5								
4959	9.6	131254.2	-5752.5								
4960	10.8	131254.2	-5746.5								
4961	9.5	131255.4	-5754.5								
4962	10.8	131255.4	-5731.5								
4963	9.2	131302.3	-5749.5								
4964	10.0	131302.7	-5753.8								

-57 4965 13h13m

-57 5324 13h48m

4965	10.0	131308.9	-5702.8	5055	10.8	132350.3	-5701.9	5145	9.5	133357.4	-5751.8
4966	9.7	131320.9	-5700.8	5056	8.4	132350.7	-5747.6	5146	8.5	133401.4	-5759.8
4967	10.8	131326.0	-5725.5	5057	10.5	132400.0	-5759.6	5147	10.0	133406.7	-5729.8
4968	9.4	131326.7	-5717.8	5058	9.7	132403.0	-5701.9	5148	9.4	133409.8	-5732.8
4969	9.7	131327.0	-5737.5	5059	8.4	132408.9	-5704.9	5149	10.3	133416.5	-5717.1
4970	8.0	131330.7	-5715.8	5060	9.1	132409.0	-5749.6	5150	10.5	133418.7	-5702.1
4971	10.3	131330.7	-5723.8	5061	10.5	132414.8	-5730.6	5151	8.1	133420.2	-5713.1
4972	10.3	131338.2	-5734.5	5062	8.4	132419.4	-5711.9	5152	10.0	133427.8	-5758.8
4973	9.6	131342.2	-5747.5	5063	9.5	132422.0	-5749.6	5153	9.9	133429.6	-5759.8
4974	9.7	131351.8	-5713.8	5064	9.5	132427.7	-5748.6	5154	10.0	133436.8	-5746.8
4975	10.5	131401.4	-5738.5	5065	9.6	132441.3	-5701.9	5155	9.8	133443.3	-5746.8
4976	9.6	131406.0	-5708.8	5066	9.3	132447.5	-5710.9	5156	9.5	133446.7	-5706.1
4977	9.7	131408.2	-5715.8	5067	10.3	132448.9	-5705.9	5157	9.6	133456.8	-5713.1
4978	8.6	131415.3	-5701.8	5068	9.4	132502.8	-5701.9	5158	8.8	133458.2	-5728.0
4979	10.3	131425.8	-5725.6	5069	9.7	132516.1	-5712.9	5159	10.8	133458.5	-5717.1
4980	10.5	131428.1	-5751.5	5070	10.5	132533.0	-5751.6	5160	9.6	133500.9	-5750.8
4981	9.6	131444.7	-5741.5	5071	10.3	132534.5	-5743.6	5161	9.4	133502.1	-5749.8
4982	10.0	131449.0	-5751.5	5072	10.8	132536.5	-5754.6	5162	9.0	133507.9	-5751.8
4983	10.5	131453.3	-5738.5	5073	9.5	132541.2	-5706.0	5163	10.0	133508.3	-5720.1
4984	10.3	131503.5	-5725.6	5074	7.9	132542.6	-5734.6	5164	8.7	133514.0	-5706.1
4985	9.4	131536.0	-5731.5	5075	10.5	132547.0	-5708.0	5165	9.4	133518.2	-5753.8
4986	10.5	131538.7	-5719.8	5076	10.3	132548.4	-5757.6	5166	10.3	133527.8	-5739.8
4987	9.3	131544.4	-5705.8	5077	9.2	132559.7	-5725.0	5167	10.8	133533.6	-5703.1
4988	10.0	131552.7	-5721.8	5078	11.0	132613.7	-5743.6	5168	9.4	133539.8	-5713.1
4989	10.0	131557.9	-5717.8	5079	11.0	132620.5	-5739.6	5169	9.8	133542.8	-5729.4
4990	10.5	131619.0	-5752.5	5080	9.6	132623.1	-5754.6	5170	10.0	133543.0	-5726.4
4991	9.6	131629.7	-5706.8	5081	10.3	132625.5	-5711.0	5171	10.5	133603.9	-5751.8
4992	10.5	131646.9	-5720.8	5082	9.6	132626.7	-5721.0	5172	10.0	133605.2	-5758.8
4993	10.0	131648.2	-5703.8	5083	10.5	132634.4	-5712.0	5173	10.0	133609.1	-5713.1
4994	9.1	131650.5	-5736.5	5084	10.8	132639.2	-5707.7	5174	10.3	133612.4	-5712.1
4995	10.3	131701.0	-5731.5	5085	10.3	132649.9	-5735.6	5175	10.0	133619.2	-5726.4
4996	10.5	131701.1	-5759.5	5086	10.8	132651.4	-5707.0	5176	9.3	133621.3	-5719.1
4997	10.5	131705.5	-5714.9	5087	11.0	132656.8	-5754.6	5177	10.0	133622.8	-5740.8
4998	9.6	131719.4	-5731.5	5088	9.7	132659.2	-5732.6	5178	9.2	133625.3	-5712.1
4999	8.6	131725.2	-5727.7	5089	8.3	132701.2	-5743.6	5179	9.7	133629.2	-5705.7
5000	9.5	131734.5	-5725.8	5090	9.1	132703.4	-5744.6	5180	10.5	133631.0	-5728.8
5001	9.8	131741.0	-5714.9	5091	10.3	132706.3	-5752.6	5181	9.7	133642.2	-5707.1
5002	10.3	131743.6	-5701.9	5092	8.7	132738.4	-5703.0	5182	10.5	133644.6	-5728.8
5003	10.5	131745.9	-5713.9	5093	10.5	132747.1	-5713.0	5183	10.0	133647.8	-5755.8
5004	9.3	131756.2	-5704.9	5094	10.3	132750.8	-5710.0	5184	10.3	133652.3	-5702.1
5005	9.2	131804.0	-5755.5	5095	10.5	132751.7	-5755.6	5185	8.5	133654.5	-5734.9
5006	10.3	131813.5	-5758.5	5096	10.0	132755.6	-5749.7	5186	10.3	133709.9	-5739.9
5007	10.5	131814.0	-5753.5	5097	9.5	132757.1	-5734.7	5187	9.7	133711.9	-5742.9
5008	9.5	131819.9	-5718.9	5098	9.2	132801.0	-5705.0	5188	9.7	133714.7	-5759.9
5009	10.5	131821.6	-5717.9	5099	10.0	132822.7	-5749.7	5189	10.0	133716.1	-5750.9
5010	8.4	131821.6	-5725.7	5100	9.6	132824.2	-5720.0	5190	7.3	133721.0	-5736.9
5011	10.3	131836.0	-5755.5	5101	7.9	132830.1	-5751.7	5191	9.4	133723.8	-5746.9
5012	10.0	131837.1	-5753.5	5102	7.7	132842.8	-5709.0	5192	8.6	133731.3	-5756.9
5013	8.6	131841.8	-5705.9	5103	10.8	132850.3	-5744.7	5193	10.5	133731.7	-5727.1
5014	9.4	131844.8	-5746.5	5104	10.5	132858.9	-5735.7	5194	9.9	133734.2	-5720.1
5015	9.6	131912.8	-5722.9	5105	10.8	132908.4	-5723.0	5195	10.3	133746.9	-5703.1
5016	8.3	131914.7	-5737.5	5106	10.5	132910.5	-5707.0	5196	10.0	133751.2	-5711.1
5017	9.4	131917.2	-5721.9	5107	9.3	132933.5	-5744.7	5197	9.7	133752.7	-5724.1
5018	10.3	131917.3	-5753.5	5108	8.5	132947.8	-5733.7	5198	10.5	133800.2	-5721.1
5019	10.3	131940.5	-5714.9	5109	10.0	132949.6	-5744.7	5199	9.7	133810.1	-5740.9
5020	9.7	131942.7	-5720.9	5110	7.1	132957.9	-5746.7	5200	9.3	133816.9	-5710.1
5021	10.5	131947.2	-5715.9	5111	11.0	133000.7	-5759.7	5201	9.3	133826.7	-5707.1
5022	8.4	132001.5	-5726.7	5112	10.3	133005.0	-5719.0	5202	10.0	133838.7	-5737.9
5023	10.3	132012.4	-5737.5	5113	10.0	133011.3	-5743.0	5203	10.5	133838.7	-5718.9
5024	10.8	132029.8	-5720.9	5114	10.3	133013.1	-5705.0	5204	9.6	133843.9	-5737.9
5025	10.0	132034.7	-5726.7	5115	8.4	133014.4	-5740.7	5205	8.8	133844.9	-5727.0
5026	9.3	132047.6	-5741.5	5116	9.6	133015.4	-5753.7	5206	9.0	133847.5	-5739.9
5027	10.5	132049.8	-5718.9	5117	10.0	133030.5	-5736.7	5207	9.3	133850.7	-5703.1
5028	10.5	132054.7	-5713.9	5118	9.9	133031.0	-5726.0	5208	9.9	133856.6	-5711.1
5029	9.6	132102.7	-5738.5	5119	9.7	133031.7	-5738.7	5209	10.3	133857.7	-5749.9
5030	10.5	132119.0	-5708.9	5120	8.7	133032.7	-5730.7	5210	10.3	133901.1	-5712.1
5031	10.5	132133.5	-5711.9	5121	9.6	133034.4	-5712.0	5211	10.3	133903.8	-5722.1
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5033	10.0	132133.6	-5737.5	5123	9.0	133059.4	-5759.7	5213	10.0	133908.1	-5748.9
5034	11.0	132135.1	-5756.5	5124	10.5	133104.3	-5741.3	5214	9.6	133914.6	-5752.9
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5036	10.0	132142.1	-5750.5	5126	10.5	133108.1	-5750.7	5216	10.5	133938.0	-5738.9
5037	9.6	132146.3	-5728.2	5127	10.5	133133.4	-5746.7	5217	10.5	133938.5	-5737.9
5038	10.0	132149.3	-5700.9	5128	10.8	133134.5	-5751.7	5218	9.6	133941.5	-5704.1
5039	9.2	132156.5	-5756.5	5129	10.8	133136.2	-5757.7	5219	10.5	133945.5	-5717.1
5040	8.2	132207.5	-5750.5	5130	9.7	133156.3	-5747.7	5220	10.0	133948.0	-5719.1
5041	9.9	132216.0	-5726.7	5131	9.8	133156.3	-5752.7	5221	10.0	133949.1	-5756.9
5042	10.3	132221.6	-5720.9	5132	9.6	133200.3	-5713.0	5222	10.0	133949.5	-5735.3
5043	10.3	132223.3	-5712.9	5133	9.9	133205.2	-5706.0	5223	9.5	133949.5	-5737.4
5044	10.5	132223.6	-5754.5	5134	9.5	133209.0	-5750.7	5224	10.0	133952.5	-5735.9
5045	10.3	132233.4	-5729.8	5135	7.8	133213.2	-5717.0	5225	10.5	133953.9	-5706.1
5046	9.6	132238.5	-5759.6	5136	8.7	133221.0	-5733.7	5226	10.5	134020.9	-5700.1
5047	9.5	132241.4	-5724.9	5137	10.3	133226.7	-5735.7	5227	9.7	134026.0	-5747.0
5048	10.3	132242.6	-5746.6	5138	10.3	133232.9	-5707.0	5228	9.6	134026.0	-5725.1
5049	9.6	132256.3	-5721.9	5139	9.6	133247.6	-5738.7	5229	10.0	134026.6	-5743.9
5050	9.7	132324.3	-5743.6	5140	9.1	133253.4	-5758.7	5230	9.7	134028.6	-5744.9
5051	10.0	132334.6	-5729.9	5141	9.7	133317.0	-5703.0	5231	9.8	134028.6	-5754.9
5052	10.0	132336.6	-5744.6	5142	10.8	133334.8	-5735.8	5232	10.8	134045.2	-5752.9
5053	10.5	132339.6	-5713.9	5143	10.5	133336.5	-5749.8	5233	10.0	134102.7	-5752.0
5054	10.0	132346.4	-5759.6	5144	9.2	133336.5	-5719.1	5234	10.0	134108.7	-5707.2
5235	9.0	134112.2	-5708.2								
5236	10.0	134115.2	-5748.0								
5237	9.9	134115.9	-5729.0								
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5239	10.0	134127.2	-5702.2								
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5243	10.0	134135.7	-5711.2								
5244	10.0	134150.0	-5742.0								
5245	10.3	134154.5	-5705.2								
5246	9.9	134208.7	-5732.0								
5247	8.5	134210.1	-5752.0								
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5249	9.7	134212.6	-5730.8								
5250	10.5	134213.1	-5758.0								
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5253	10.5	134220.6	-5745.0								
5254	9.8	134226.2	-5733.0								
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5365	10.0	135225.9	-5715.3	5455	11.8	140336.3	-5758.5	5545	7.7	141308.4	-5742.7
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5671	7.8	143354.5	-5743.8								
5672	8.6	143356.9	-5721.6								
5673	8.6	143403.1	-5707.4								
5674	10.3	143411.9	-5723.8								
5675	10.5	143429.1	-5702.1								
5676	10.3	143454.3	-5709.2								
5677	9.4	143456.1	-5756.5								
5678	10.3	143456.9	-5711.7								
5679	9.0	143519.0	-5757.5								
5680	10.3	143522.3	-5700.2								
5681	7.1	143539.0	-5756.6								
5682	10.3	143539.2	-5704.7								
5683	10.0	143539.8	-5709.2								
5684	7.6	143559.0	-5700.2								

-57 5685 14h36m

-57 6044 15h29m

5685	10.5	143617.1	-5720.8	5775	9.5	145118.6	-5705.3	5865	10.3	150413.8	-5727.6
5686	9.8	143630.1	-5725.2	5776	10.8	145137.0	-5718.3	5866	10.3	150420.8	-5731.5
5687	9.7	143630.4	-5745.6	5777	11.0	145138.2	-5729.9	5867	10.5	150423.2	-5722.7
5688	10.0	143702.0	-5739.6	5778	10.0	145148.7	-5756.5	5868	10.5	150426.0	-5757.5
5689	9.4	143705.7	-5704.2	5779	11.3	145150.7	-5738.5	5869	9.8	150426.5	-5714.7
5690	10.0	143722.4	-5735.6	5780	11.3	145152.2	-5747.5	5870	10.5	150426.7	-5759.5
5691	9.6	143723.3	-5708.2	5781	10.5	145200.7	-5739.5	5871	9.7	150433.2	-5740.5
5692	10.5	143723.5	-5703.2	5782	10.3	145203.9	-5738.5	5872	9.7	150436.8	-5739.9
5693	8.2	143758.8	-5708.5	5783	8.6	145207.9	-5743.5	5873	9.4	150455.5	-5732.5
5694	10.0	143823.0	-5754.6	5784	10.0	145225.7	-5702.3	5874	9.5	150455.5	-5733.5
5695	10.3	143844.7	-5720.9	5785	9.4	145226.8	-5753.5	5875	9.1	150459.9	-5752.5
5696	11.0	143848.7	-5719.9	5786	10.5	145232.3	-5722.3	5876	9.1	150518.1	-5720.8
5697	10.5	143903.3	-5706.9	5787	10.0	145235.2	-5712.3	5877	10.0	150521.0	-5734.5
5698	10.0	143907.0	-5757.7	5788	8.4	145236.3	-5756.5	5878	11.0	150531.0	-5711.8
5699	10.5	143920.7	-5706.9	5789	9.6	145248.5	-5747.5	5879	8.2	150535.0	-5742.5
5700	10.8	143920.7	-5703.9	5790	10.8	145248.5	-5742.5	5880	9.0	150548.0	-5720.8
5701	10.3	143935.5	-5702.9	5791	10.5	145300.1	-5723.4	5881	9.6	150551.1	-5714.8
5702	7.5	143939.9	-5735.6	5792	10.5	145309.4	-5709.4	5882	10.5	150555.0	-5728.2
5703	10.3	143951.5	-5730.8	5793	10.8	145328.4	-5753.5	5883	9.7	150556.5	-5739.6
5704	9.6	144003.2	-5739.6	5794	7.9	145329.6	-5723.4	5884	9.4	150558.1	-5741.6
5705	9.8	144010.0	-5741.7	5795	10.0	145330.4	-5725.4	5885	9.6	150605.3	-5749.6
5706	9.9	144107.0	-5757.7	5796	8.0	145332.4	-5743.5	5886	10.0	150617.3	-5753.6
5707	10.0	144119.6	-5702.0	5797	10.5	145335.4	-5743.5	5887	9.2	150630.1	-5702.8
5708	11.0	144123.1	-5711.0	5798	9.6	145347.2	-5736.5	5888	9.2	150632.1	-5735.6
5709	11.0	144126.3	-5728.0	5799	10.0	145348.7	-5706.4	5889	10.8	150640.2	-5714.8
5710	10.0	144128.0	-5744.2	5800	10.5	145348.9	-5743.5	5890	10.5	150649.1	-5715.8
5711	9.4	144141.6	-5737.4	5801	10.3	145349.8	-5715.4	5891	10.3	150705.6	-5725.6
5712	11.0	144158.2	-5719.0	5802	10.0	145352.9	-5748.5	5892	10.8	150711.3	-5743.6
5713	10.3	144205.7	-5703.0	5803	11.0	145408.5	-5727.4	5893	10.5	150718.9	-5728.7
5714	10.3	144205.7	-5719.0	5804	9.4	145412.8	-5758.5	5894	9.5	150726.6	-5751.6
5715	10.0	144210.6	-5726.0	5805	10.5	145427.7	-5738.5	5895	10.5	150734.0	-5721.9
5716	10.5	144213.6	-5727.0	5806	10.0	145430.6	-5703.5	5896	9.9	150737.6	-5735.6
5717	10.3	144230.6	-5706.0	5807	10.0	145431.8	-5702.5	5897	7.3	150737.7	-5753.6
5718	10.3	144235.7	-5713.0	5808	10.0	145434.0	-5718.5	5898	9.3	150739.0	-5759.6
5719	9.4	144303.2	-5739.7	5809	10.5	145435.3	-5710.5	5899	9.7	150751.6	-5702.9
5720	10.0	144317.0	-5750.2	5810	10.5	145457.6	-5712.1	5900	9.6	150805.9	-5723.9
5721	9.5	144343.2	-5717.1	5811	7.3	145502.0	-5712.5	5901	10.5	150812.1	-5756.6
5722	9.5	144344.7	-5720.1	5812	10.0	145516.7	-5709.5	5902	10.3	150812.5	-5700.9
5723	9.6	144346.3	-5714.1	5813	9.6	145524.9	-5710.5	5903	10.0	150820.5	-5726.6
5724	9.3	144356.4	-5757.2	5814	10.0	145528.1	-5746.5	5904	10.5	150822.5	-5729.6
5725	9.2	144402.6	-5748.2	5815	10.5	145552.4	-5736.5	5905	9.7	150835.9	-5745.2
5726	9.6	144420.7	-5726.1	5816	10.3	145555.0	-5728.5	5906	10.0	150836.3	-5752.6
5727	9.8	144422.6	-5754.4	5817	9.7	145602.0	-5733.5	5907	9.7	150837.2	-5746.6
5728	9.7	144425.1	-5742.4	5818	10.5	145608.4	-5717.5	5908	10.5	150904.9	-5714.9
5729	9.6	144425.7	-5726.1	5819	9.8	145610.1	-5750.5	5909	9.8	150911.1	-5701.9
5730	11.0	144445.0	-5700.1	5820	10.3	145614.6	-5746.5	5910	9.8	150912.1	-5718.9
5731	9.8	144500.6	-5757.0	5821	10.5	145632.6	-5716.5	5911	10.8	150912.9	-5754.7
5732	10.5	144528.5	-5707.1	5822	10.8	145645.2	-5713.5	5912	8.1	150919.4	-5704.9
5733	9.8	144535.6	-5717.1	5823	10.8	145645.3	-5715.5	5913	9.8	150919.4	-5759.7
5734	9.3	144538.4	-5744.0	5824	10.3	145715.2	-5732.5	5914	9.7	150920.2	-5738.7
5735	9.4	144551.3	-5715.1	5825	9.6	145720.1	-5706.5	5915	9.9	150925.6	-5725.8
5736	9.6	144623.6	-5733.8	5826	9.7	145745.2	-5736.5	5916	10.0	150925.8	-5733.7
5737	9.2	144629.9	-5720.5	5827	10.5	145746.7	-5749.5	5917	10.5	150943.0	-5751.7
5738	9.4	144641.5	-5756.3	5828	9.6	145747.6	-5701.5	5918	9.2	150949.4	-5743.7
5739	9.7	144656.5	-5715.2	5829	9.7	145752.1	-5703.5	5919	10.3	150957.3	-5712.9
5740	9.7	144700.1	-5705.2	5830	11.0	145753.2	-5715.5	5920	10.0	151009.3	-5744.7
5741	10.0	144707.7	-5710.2	5831	10.8	145753.2	-5719.5	5921	9.7	151014.4	-5746.7
5742	10.5	144713.5	-5730.2	5832	10.5	145825.9	-5741.5	5922	10.5	151014.4	-5749.7
5743	9.4	144714.1	-5728.3	5833	9.7	145835.8	-5729.5	5923	10.8	151019.0	-5702.9
5744	9.9	144718.4	-5722.2	5834	9.7	145913.9	-5706.6	5924	10.5	151021.0	-5751.7
5745	10.0	144735.3	-5722.3	5835	9.7	145954.2	-5703.6	5925	10.3	151029.2	-5748.7
5746	8.6	144736.9	-5741.1	5836	10.5	150010.5	-5711.6	5926	10.3	151033.7	-5750.7
5747	9.1	144744.0	-5739.3	5837	9.7	150016.7	-5710.6	5927	11.0	151034.7	-5723.9
5748	10.0	144806.0	-5716.2	5838	9.2	150037.5	-5725.5	5928	11.0	151110.3	-5716.9
5749	10.0	144811.0	-5741.4	5839	9.7	150038.7	-5756.5	5929	11.0	151110.3	-5717.9
5750	10.0	144831.6	-5745.4	5840	9.5	150057.6	-5724.5	5930	9.3	151116.3	-5705.9
5751	8.6	144835.7	-5715.2	5841	10.5	150125.9	-5725.1	5931	10.0	151119.0	-5742.7
5752	10.8	144852.3	-5730.2	5842	10.3	150125.9	-5713.6	5932	11.0	151133.2	-5701.0
5753	10.3	144857.3	-5724.2	5843	10.0	150135.4	-5703.7	5933	11.0	151134.5	-5711.0
5754	9.3	144902.3	-5722.2	5844	10.0	150144.2	-5720.7	5934	9.8	151138.2	-5736.7
5755	10.2	144916.0	-5730.4	5845	9.7	150145.0	-5717.7	5935	11.0	151145.5	-5725.0
5756	8.0	144916.3	-5720.2	5846	8.0	150149.1	-5726.6	5936	9.2	151158.8	-5732.0
5757	9.7	144918.0	-5759.4	5847	9.4	150151.5	-5758.5	5937	9.5	151208.2	-5708.0
5758	9.8	144935.6	-5756.4	5848	9.7	150159.9	-5754.5	5938	9.8	151208.2	-5755.8
5759	10.3	144944.3	-5702.3	5849	9.9	150220.4	-5721.7	5939	10.0	151248.8	-5729.4
5760	10.0	144945.0	-5758.8	5850	9.4	150225.3	-5705.7	5940	10.0	151252.6	-5743.8
5761	10.5	144946.8	-5710.3	5851	10.3	150231.6	-5753.5	5941	10.3	151259.4	-5727.8
5762	10.0	144954.6	-5759.0	5852	9.1	150246.0	-5753.5	5942	11.0	151303.7	-5715.0
5763	10.0	145015.1	-5712.3	5853	10.5	150251.4	-5720.7	5943	11.0	151335.0	-5702.0
5764	10.3	145017.7	-5715.3	5854	10.3	150259.6	-5704.7	5944	7.8	151346.3	-5740.8
5765	11.5	145022.2	-5703.3	5855	10.5	150300.9	-5725.7	5945	10.0	151355.7	-5740.8
5766	10.0	145025.4	-5731.4	5856	10.5	150307.2	-5707.7	5946	10.8	151355.9	-5729.0
5767	8.6	145029.9	-5749.5	5857	10.3	150310.0	-5718.7	5947	11.0	151402.7	-5710.0
5768	10.0	145031.1	-5734.1	5858	10.3	150318.4	-5717.7	5948	10.8	151413.7	-5709.0
5769	10.0	145032.2	-5718.3	5859	8.8	150319.4	-5748.5	5949	10.5	151421.2	-5729.4
5770	11.0	145039.9	-5743.5	5860	10.3	150319.8	-5729.7	5950	10.8	151423.0	-5719.0
5771	11.3	145041.0	-5736.5	5861	9.9	150323.2	-5712.7	5951	11.5	151438.6	-5718.0
5772	7.6	145046.9	-5748.5	5862	9.8	150352.9	-5741.5	5952	9.7	151443.9	-5706.0
5773	9.9	145047.5	-5730.5	5863	9.5	150405.8	-5713.7	5953	9.8	151459.3	-5708.1
5774	11.0	145107.6	-5712.3	5864	10.3	150411.0	-5719.7	5954	11.5	151515.8	-5713.1
6005	8.6	152311.3	-5722.2								
6006	8.5	152315.3	-5746.1								
6007	9.3	152326.1	-5757.1								
6008	9.7	152335.6	-5746.1								
6009	10.0	152340.9	-5737.1								
6010	10.5	152405.5	-5707.3								
6011	10.3	152408.9	-5758.2								
6012	10.5	152413.4	-5736.2								
6013	10.5	152421.2	-5753.2								
6014	10.5	152433.4	-5702.3								
6015	10.0	152442.6	-5739.2								
6016	11.3	152455.9	-5712.3								
6017	11.0	152458.7	-5709.3								
6018	10.5	152510.2	-5718.3								
6019	11.5	152526.4	-5707.3								
6020	10.5	152533.6	-5731.2								
6021	8.6	152535.0	-5733.2								
6022	10.5	152541.1	-5731.2								
6023	10.3	152544.0	-5756.2								
6024	10.5	152544.0	-5755.2								
6025	8.5	152554.6	-5718.3								
6026	9.1	152642.0	-5728.2								
6027	9.4	152646.8	-5739.2								
6028	9.0	152701.6	-5712.3								
6029	9.6	152710.8	-5709.3								
6030	9.9	152739.1	-5725.4								
6031	9.9	152749.0	-5732.3								
6032	10.0	152802.3	-5755.3								
6033	10.5	152803.0	-5714.4								
6034	10.0	152808.4	-5757.3								
6035	10.8	152813.5	-5715.4								
6036	10.0	152834.9	-5725.4								
6037	10.5	152840.6	-5703.4								
6038	10.3	152843.7	-5718.4								
6039	10.0	152845.9	-5720.4								
6040	10.5	152850.1	-5709.4								
6041	8.4	152853.4	-5748.3								
6042	7.6	152904.1	-5717.4								
6043	9.6	152905.4	-5753.3								
6044	9.9	152919.8	-5725.4								

6045	9.5	152921.8	-5705.4	6135	10.3	153910.0	-5741.7	6225	11.0	155146.6	-5719.2	6315	10.5	160549.0	-5707.6
6046	11.0	152923.4	-5730.4	6136	9.6	153910.5	-5717.8	6226	11.5	155157.4	-5725.2	6316	10.5	160550.7	-5723.6
6047	10.5	152932.2	-5739.3	6137	10.3	153915.2	-5741.0	6227	9.6	155201.4	-5713.2	6317	10.0	160553.0	-5743.5
6048	9.3	152952.5	-5750.4	6138	10.3	153923.5	-5727.8	6228	9.9	155225.8	-5738.1	6318	9.9	160612.1	-5750.5
6049	10.8	152954.2	-5730.5	6139	9.2	153934.5	-5705.8	6229	10.0	155230.1	-5757.1	6319	10.0	160626.5	-5759.5
6050	9.8	153005.8	-5708.5	6140	11.3	153939.4	-5729.8	6230	9.8	155236.1	-5729.2	6320	10.0	160628.2	-5706.6
6051	10.5	153010.9	-5701.4	6141	10.0	153943.2	-5723.8	6231	9.7	155236.8	-5737.1	6321	10.8	160632.8	-5708.6
6052	9.5	153016.1	-5739.4	6142	10.8	153953.2	-5716.8	6232	9.1	155238.2	-5746.1	6322	10.5	160644.4	-5715.6
6053	8.9	153018.6	-5722.5	6143	8.8	154003.9	-5729.8	6233	10.0	155250.3	-5747.1	6323	10.8	160702.3	-5707.7
6054	10.0	153035.5	-5727.4	6144	10.0	154015.9	-5700.7	6234	10.0	155314.9	-5758.1	6324	9.7	160709.9	-5746.6
6055	9.3	153036.1	-5718.5	6145	9.4	154020.7	-5753.7	6235	5.2	155322.5	-5725.1	6325	10.0	160711.2	-5756.6
6056	10.0	153038.4	-5734.4	6146	8.7	154026.3	-5716.8	6236	10.0	155323.5	-5704.0	6326	8.1	160732.6	-5737.6
6057	9.4	153044.9	-5749.4	6147	11.0	154041.2	-5705.8	6237	9.8	155325.1	-5756.1	6327	9.3	160736.4	-5747.4
6058	10.5	153104.6	-5720.5	6148	11.0	154044.9	-5718.8	6238	8.3	155339.1	-5746.1	6328	9.0	160738.5	-5739.6
6059	9.4	153113.7	-5706.5	6149	10.0	154051.5	-5750.7	6239	9.8	155340.7	-5749.2	6329	8.9	160739.9	-5743.6
6060	10.8	153115.2	-5705.5	6150	8.8	154104.5	-5758.7	6240	9.6	155342.2	-5700.0	6330	9.9	160746.5	-5730.6
6061	10.0	153147.8	-5738.4	6151	10.0	154109.4	-5745.7	6241	10.0	155403.9	-5752.2	6331	10.8	160750.9	-5711.7
6062	10.3	153155.4	-5755.4	6152	10.3	154131.1	-5731.2	6242	9.6	155406.0	-5722.0	6332	10.3	160755.1	-5730.7
6063	9.8	153200.3	-5757.4	6153	9.1	154135.4	-5759.7	6243	10.0	155411.5	-5722.0	6333	9.2	160805.4	-5730.6
6064	11.3	153201.2	-5717.5	6154	9.1	154148.1	-5759.8	6244	10.5	155414.5	-5700.0	6334	10.3	160809.0	-5711.7
6065	10.8	153216.0	-5716.5	6155	10.3	154205.2	-5732.8	6245	10.3	155415.6	-5705.0	6335	9.8	160817.2	-5737.6
6066	10.5	153219.3	-5717.5	6156	10.3	154207.3	-5738.8	6246	10.0	155417.3	-5702.0	6336	10.5	160818.0	-5711.7
6067	11.5	153245.6	-5719.6	6157	10.5	154209.1	-5729.8	6247	9.0	155443.6	-5722.0	6337	8.2	160819.2	-5723.7
6068	10.0	153252.2	-5706.6	6158	10.5	154215.9	-5756.8	6248	9.3	155445.1	-5706.0	6338	8.8	160825.0	-5750.0
6069	7.5	153257.0	-5742.0	6159	10.8	154257.1	-5717.9	6249	9.7	155508.2	-5711.1	6339	9.5	160825.9	-5716.7
6070	9.7	153301.7	-5711.6	6160	8.1	154258.1	-5712.9	6250	9.8	155516.8	-5743.2	6340	8.5	160826.8	-5738.6
6071	8.6	153307.2	-5734.5	6161	9.4	154308.2	-5748.8	6251	9.9	155516.8	-5747.2	6341	8.9	160829.5	-5738.6
6072	10.5	153321.5	-5704.6	6162	10.3	154310.3	-5759.8	6252	9.2	155519.3	-5704.1	6342	6.9	160831.1	-5734.6
6073	10.3	153328.3	-5710.6	6163	10.0	154325.8	-5736.8	6253	9.8	155545.4	-5744.2	6343	10.3	160841.8	-5719.7
6074	9.2	153340.3	-5728.6	6164	8.9	154342.0	-5731.9	6254	10.3	155553.0	-5717.1	6344	10.5	160851.7	-5723.7
6075	7.6	153344.8	-5703.6	6165	9.9	154359.5	-5705.9	6255	9.0	155557.5	-5717.1	6345	8.4	160854.5	-5746.6
6076	10.5	153345.2	-5736.5	6166	10.0	154400.6	-5726.9	6256	10.5	155605.8	-5707.1	6346	8.8	160857.4	-5734.6
6077	9.7	153345.2	-5729.9	6167	10.5	154409.0	-5750.8	6257	9.9	155614.3	-5759.2	6347	9.2	160904.5	-5733.6
6078	9.4	153349.0	-5717.6	6168	10.8	154420.2	-5709.9	6258	10.0	155630.8	-5745.2	6348	9.0	160917.7	-5735.6
6079	11.0	153351.0	-5718.6	6169	8.6	154420.8	-5759.8	6259	10.0	155634.7	-5756.2	6349	10.0	160930.0	-5750.7
6080	10.0	153355.1	-5747.5	6170	10.0	154423.9	-5758.8	6260	10.5	155635.9	-5729.2	6350	10.5	160930.5	-5715.8
6081	10.5	153357.2	-5723.6	6171	11.0	154430.7	-5701.9	6261	9.8	155702.7	-5746.3	6351	10.5	160937.2	-5726.8
6082	10.3	153358.4	-5740.5	6172	11.3	154433.0	-5731.9	6262	10.5	155754.8	-5717.2	6352	10.0	160937.8	-5736.7
6083	10.3	153358.4	-5758.5	6173	9.7	154442.2	-5739.9	6263	9.3	155802.8	-5710.2	6353	10.0	160945.3	-5726.8
6084	9.6	153402.0	-5748.5	6174	9.9	154453.5	-5735.9	6264	10.5	155805.2	-5700.2	6354	10.0	160946.5	-5725.8
6085	9.7	153403.8	-5756.5	6175	10.8	154458.8	-5727.3	6265	9.9	155809.9	-5756.3	6355	9.9	160947.0	-5751.7
6086	9.5	153407.2	-5752.5	6176	10.5	154504.4	-5714.9	6266	10.3	155819.5	-5721.2	6356	8.5	160957.0	-5757.7
6087	11.0	153409.2	-5707.6	6177	9.6	154526.5	-5743.9	6267	10.0	155824.6	-5750.3	6357	8.9	161008.7	-5704.8
6088	9.8	153411.3	-5744.5	6178	10.0	154528.5	-5759.9	6268	9.4	155827.4	-5711.2	6358	10.0	161017.5	-5732.7
6089	11.0	153416.3	-5713.6	6179	9.5	154531.9	-5740.9	6269	9.3	155846.9	-5710.2	6359	10.0	161026.5	-5758.7
6090	10.3	153419.2	-5704.6	6180	9.7	154532.3	-5716.9	6270	10.8	155848.2	-5709.2	6360	10.0	161029.8	-5756.7
6091	9.6	153446.8	-5704.6	6181	9.5	154536.5	-5706.8	6271	10.3	155900.3	-5729.3	6361	10.0	161038.2	-5731.7
6092	10.3	153456.4	-5726.5	6182	10.5	154536.6	-5751.9	6272	10.5	155901.5	-5721.3	6362	10.0	161045.3	-5724.8
6093	10.3	153459.1	-5718.6	6183	9.7	154545.4	-5759.9	6273	6.0	155903.2	-5735.3	6363	9.0	161050.3	-5701.8
6094	9.5	153500.2	-5714.6	6184	10.8	154545.4	-5744.9	6274	10.0	155928.5	-5713.3	6364	10.0	161058.1	-5735.7
6095	9.6	153503.0	-5729.5	6185	10.8	154556.6	-5731.9	6275	10.5	155935.2	-5704.3	6365	9.8	161059.8	-5732.7
6096	10.5	153503.1	-5719.6	6186	10.3	154612.9	-5726.9	6276	10.0	155936.9	-5721.3	6366	10.5	161103.2	-5700.9
6097	10.3	153507.9	-5728.6	6187	11.0	154627.1	-5720.9	6277	10.5	155946.5	-5714.3	6367	9.6	161111.9	-5752.7
6098	11.0	153523.2	-5715.6	6188	10.8	154631.2	-5718.9	6278	8.1	155951.2	-5726.3	6368	8.3	161143.9	-5715.9
6099	8.8	153528.7	-5753.5	6189	10.8	154654.4	-5732.0	6279	10.0	155955.4	-5724.3	6369	10.8	161143.9	-5724.9
6100	10.3	153531.4	-5755.5	6190	9.6	154702.7	-5713.1	6280	10.3	160011.3	-5715.3	6370	10.5	161156.9	-5707.9
6101	10.0	153532.5	-5752.5	6191	11.0	154702.9	-5756.9	6281	10.5	160015.0	-5712.3	6371	10.5	161158.9	-5724.9
6102	10.5	153541.6	-5706.6	6192	10.8	154734.0	-5728.1	6282	8.5	160027.4	-5727.4	6372	10.5	161200.7	-5721.9
6103	9.7	153603.5	-5723.2	6193	10.0	154741.8	-5743.9	6283	9.7	160028.7	-5707.3	6373	10.3	161219.5	-5719.9
6104	9.1	153608.1	-5715.7	6194	7.7	154742.6	-5755.9	6284	10.3	160033.1	-5723.3	6374	10.3	161228.7	-5716.9
6105	9.3	153608.3	-5757.6	6195	10.3	154746.4	-5711.1	6285	8.1	160046.6	-5716.3	6375	9.6	161228.8	-5753.7
6106	7.2	153619.0	-5725.7	6196	10.5	154800.8	-5740.0	6286	9.7	160049.1	-5740.4	6376	9.9	161245.4	-5700.9
6107	10.3	153627.3	-5749.6	6197	10.0	154804.4	-5738.0	6287	9.3	160051.3	-5705.3	6377	10.3	161248.4	-5717.9
6108	10.3	153629.9	-5747.6	6198	9.8	154805.6	-5711.1	6288	9.5	160122.5	-5727.4	6378	9.2	161312.9	-5706.9
6109	9.4	153638.9	-5733.6	6199	10.5	154810.1	-5710.1	6289	9.5	160134.8	-5743.4	6379	10.5	161330.8	-5706.9
6110	11.5	153645.5	-5703.7	6200	10.5	154824.6	-5746.0	6290	9.8	160142.0	-5729.4	6380	10.0	161337.7	-5752.8
6111	7.1	153647.9	-5743.6	6201	9.9	154831.8	-5740.0	6291	10.3	160147.1	-5706.4	6381	10.5	161345.8	-5723.9
6112	10.5	153651.9	-5739.6	6202	7.8	154836.0	-5724.1	6292	9.3	160200.2	-5740.4	6382	9.9	161349.3	-5729.8
6113	10.3	153651.9	-5742.6	6203	9.8	154848.5	-5733.0	6293	10.0	160206.2	-5704.4	6383	9.9	161353.1	-5748.8
6114	10.0	153659.4	-5742.6	6204	9.1	154857.6	-5732.1	6294	10.0	160207.3	-5739.4	6384	10.3	161400.3	-5713.0
6115	10.8	153705.7	-5702.7	6205	10.8	154859.5	-5744.0	6295	10.0	160209.0	-5753.4	6385	10.3	161402.0	-5702.0
6116	8.6	153715.6	-5723.2	6206	11.5	154907.3	-5701.1	6296	10.3	160211.6	-5710.4	6386	10.3	161416.9	-5702.0
6117	10.5	153725.9	-5708.7	6207	10.8	154910.3	-5703.1	6297	9.7	160226.4	-5755.4	6387	9.6	161436.8	-5751.9
6118	9.7	153730.5	-5700.7	6208	9.7	154912.1	-5723.1	6298	10.0	160227.8	-5730.5	6388	9.8	161443.6	-5710.0
6119	8.6	153746.8	-5725.2	6209	10.0	154926.7	-5757.0	6299	9.9	160228.6	-5710.4	6389	10.0	161450.6	-5708.0
6120	10.0	153757.2	-5735.6	6210	10.0	154938.3	-5759.0	6300	9.7	160234.0	-5744.4	6390	9.7	161511.6	-5715.0
6121	9.8	153806.6	-5757.6	6211	10.0	154940.9	-5742.4	6301	9.3	160245.3	-5722.4	6391	10.5	161513.3	-5714.0
6122	9.5	153811.4	-5727.7	6212	7.4	154945.3	-5741.6	6302	9.3	160326.3	-5708.5	6392	9.9	161554.7	-5729.0
6123	8.7	153817.7	-5741.6	6213	8.9	155008.8	-5733.2	6303	7.5	160345.9	-5712.5	6393	10.5	161556.1	-5721.0
6124	8.7	153824.2	-5701.7	6214	10.5	155011.0	-5721.2	6304	7.8	160346.0	-5742.5	6394	9.9	161604.8	-5734.0
6125	8.6	153833.8	-5723.7	6215	9.5	155017.7	-5706.2	6305	9.7	160359.7	-5720.5	6395	9.8	161626.1	-5720.0
6126	10.0	153838.7	-5739.4	6216	11.3	155022.4	-5716.2	6306	10.0	160420.5	-5741.5	6396	7.9	161642.8	-5750.0
6127	10.8	153840.9	-5735.7	6217	10.0	155032.8	-5736.0	6307	9.8	160429.5	-5741.5	6397	9.5	161656.2	-5720.1
6128	9.4	153843.3	-5739.7	6218	8.3	155044.1	-5715.2	6308	9.3	160457.9	-5726.5	6398	9.5	161659.0	-5708.1
6129	9.8	153846.7	-5740.0	6219	9.8	155053.0	-5709.2	6309	6.3	160530.3	-5735.5	6399	9.8	161659.4	-5733.0
6130	9.6	153848.7	-5715.7	6220	9.7	155054.1	-5701.2	6310	9.6	160531.5	-5755.5	6400	10.0	161709.3	-5717.1
6131	9.8	153852.6	-5747.7	6221	10.0	155106.5	-5703.2	6311	10.5	160539.5	-5716.6	6401	9.6	161711.9	-5724.1
6132	9.5	153854.5	-5741.7	6222	10.0	155112.8	-5701.2	6312	10.0	160539.8	-5700.6	6402	10.8	161714.9	-5727.1
6133	9.5	153858.1	-5747.7	6223	9.8	155113.7	-5744.1	6313	9.5	160545.3	-5704.6	6403	10.8	161720.9	-5720.1
6134	9.5	153858.4	-5747.9	6224	9.8	155134.9	-5743.6	6314	9.9	160547.3	-5712.6	6404	9.6	161723.6	-5739.1

-57 6405 16h17m

-57 6764 17h01m

6405	9.5	161725.4	-5747.1	6495	10.8	162924.2	-5731.6	6585	9.5	164047.0	-5730.9
6406	9.6	161730.1	-5724.1	6496	10.8	162926.4	-5732.6	6586	9.7	164053.1	-5715.9
6407	10.5	161812.4	-5708.1	6497	10.8	162926.4	-5752.6	6587	10.3	164110.7	-5738.3
6408	10.5	161813.8	-5727.1	6498	9.8	162935.6	-5714.5	6588	9.5	164122.3	-5738.3
6409	9.1	161817.5	-5737.1	6499	7.5	162940.9	-5703.5	6589	9.1	164125.3	-5731.3
6410	9.5	161818.7	-5707.1	6500	10.3	162943.6	-5710.5	6590	9.7	164126.3	-5738.3
6411	10.3	161823.2	-5706.1	6501	9.5	162944.3	-5734.6	6591	10.5	164131.0	-5716.9
6412	9.8	161824.7	-5710.1	6502	10.5	162948.0	-5751.6	6592	7.4	164136.8	-5721.9
6413	9.8	161828.3	-5730.6	6503	10.0	162959.2	-5717.5	6593	10.0	164138.7	-5721.9
6414	9.0	161842.9	-5715.1	6504	10.5	163009.9	-5746.6	6594	8.6	164141.5	-5702.9
6415	9.9	161853.1	-5741.1	6505	9.8	163019.9	-5759.6	6595	7.6	164159.4	-5737.3
6416	10.0	161916.4	-5747.2	6506	10.3	163023.9	-5745.6	6596	9.1	164159.4	-5733.3
6417	6.5	161920.8	-5728.2	6507	10.0	163035.2	-5720.5	6597	10.3	164204.4	-5722.9
6418	9.8	161941.9	-5714.2	6508	10.3	163038.4	-5710.5	6598	10.5	164204.4	-5705.9
6419	10.0	161952.8	-5720.2	6509	10.0	163038.4	-5701.5	6599	9.7	164221.5	-5708.9
6420	9.5	162005.8	-5742.2	6510	10.0	163038.9	-5753.7	6600	10.3	164228.1	-5718.9
6421	10.5	162005.8	-5728.2	6511	10.0	163043.2	-5701.5	6601	8.5	164232.2	-5716.9
6422	10.5	162014.3	-5729.2	6512	10.0	163045.5	-5731.7	6602	10.5	164254.9	-5752.3
6423	10.0	162016.3	-5723.2	6513	9.6	163105.2	-5755.7	6603	9.7	164256.2	-5739.3
6424	9.6	162019.3	-5741.2	6514	10.3	163122.7	-5703.5	6604	10.8	164306.1	-5730.4
6425	10.8	162027.2	-5735.2	6515	9.2	163125.7	-5724.7	6605	8.7	164311.9	-5743.4
6426	9.9	162040.1	-5726.2	6516	9.7	163218.2	-5734.7	6606	10.5	164322.3	-5755.4
6427	9.9	162045.8	-5744.2	6517	10.0	163239.4	-5745.7	6607	6.7	164324.7	-5741.4
6428	10.8	162045.8	-5741.2	6518	10.0	163249.5	-5730.7	6608	10.3	164327.9	-5716.0
6429	11.0	162101.5	-5727.2	6519	9.6	163255.6	-5713.6	6609	10.3	164330.6	-5717.0
6430	9.4	162106.1	-5746.3	6520	10.5	163300.1	-5751.7	6610	9.6	164348.0	-5741.4
6431	9.2	162113.4	-5725.3	6521	10.3	163304.3	-5732.9	6611	10.3	164355.6	-5734.4
6432	10.0	162146.5	-5739.3	6522	10.8	163305.0	-5730.9	6612	10.3	164400.5	-5736.1
6433	10.0	162152.2	-5713.3	6523	10.3	163323.9	-5713.6	6613	10.5	164400.6	-5752.4
6434	9.9	162154.2	-5753.3	6524	10.0	163326.1	-5718.6	6614	9.2	164412.5	-5750.4
6435	9.3	162202.4	-5731.3	6525	10.5	163327.1	-5752.9	6615	9.3	164417.6	-5712.0
6436	10.5	162210.4	-5709.3	6526	10.3	163328.3	-5722.6	6616	10.8	164418.1	-5735.4
6437	10.3	162230.9	-5700.3	6527	9.4	163354.0	-5736.9	6617	9.5	164424.4	-5722.0
6438	10.3	162232.9	-5739.3	6528	11.0	163401.4	-5734.9	6618	8.6	164425.3	-5726.2
6439	10.3	162235.0	-5726.3	6529	9.4	163412.1	-5745.9	6619	9.1	164433.9	-5730.7
6440	10.0	162246.2	-5702.3	6530	10.3	163412.1	-5724.6	6620	9.8	164434.0	-5749.4
6441	10.5	162251.3	-5727.3	6531	10.5	163414.2	-5728.6	6621	10.0	164445.4	-5703.0
6442	10.0	162308.4	-5703.4	6532	10.5	163440.1	-5703.6	6622	10.3	164449.7	-5701.0
6443	10.0	162317.6	-5729.4	6533	10.5	163449.9	-5716.6	6623	9.5	164454.5	-5751.5
6444	9.7	162321.2	-5736.4	6534	10.3	163453.5	-5721.6	6624	10.3	164514.3	-5729.7
6445	9.6	162322.3	-5756.4	6535	10.5	163455.9	-5748.9	6625	10.3	164516.0	-5730.7
6446	9.8	162333.2	-5731.4	6536	9.7	163504.2	-5710.6	6626	9.7	164526.5	-5703.0
6447	9.5	162336.7	-5717.4	6537	10.3	163516.5	-5719.6	6627	10.0	164527.7	-5706.0
6448	9.7	162350.8	-5733.4	6538	10.5	163532.0	-5746.0	6628	10.0	164534.4	-5721.0
6449	9.0	162403.7	-5708.4	6539	9.4	163540.9	-5732.0	6629	10.3	164541.8	-5719.0
6450	9.1	162408.7	-5734.4	6540	9.3	163550.5	-5717.7	6630	9.7	164604.5	-5757.5
6451	10.3	162409.0	-5715.4	6541	8.8	163558.6	-5714.7	6631	8.8	164613.1	-5710.1
6452	10.0	162417.2	-5727.4	6542	10.0	163606.7	-5710.7	6632	9.4	164620.8	-5748.5
6453	8.6	162419.4	-5710.4	6543	9.2	163625.0	-5705.7	6633	10.0	164621.1	-5719.1
6454	9.6	162423.7	-5731.4	6544	10.0	163633.9	-5720.7	6634	10.8	164622.5	-5755.5
6455	10.0	162430.8	-5755.4	6545	10.3	163634.5	-5705.7	6635	9.5	164637.3	-5728.3
6456	10.5	162432.1	-5747.4	6546	10.0	163634.5	-5722.7	6636	9.5	164641.7	-5733.5
6457	10.3	162441.6	-5728.4	6547	10.5	163646.9	-5753.0	6637	10.5	164643.1	-5734.5
6458	7.4	162447.8	-5705.4	6548	7.2	163650.4	-5713.7	6638	9.1	164646.5	-5741.5
6459	9.0	162455.1	-5749.4	6549	10.3	163655.3	-5758.0	6639	8.9	164656.0	-5754.5
6460	10.0	162501.6	-5733.4	6550	9.9	163656.3	-5732.0	6640	10.3	164659.2	-5725.1
6461	9.7	162502.0	-5720.5	6551	10.0	163704.3	-5757.1	6641	10.0	164708.4	-5703.1
6462	10.5	162526.8	-5742.5	6552	10.3	163705.4	-5747.1	6642	10.0	164709.2	-5759.6
6463	10.0	162528.4	-5715.5	6553	10.0	163708.2	-5743.1	6643	10.5	164719.3	-5704.1
6464	9.8	162540.7	-5715.5	6554	10.0	163708.5	-5714.7	6644	10.0	164720.4	-5726.1
6465	9.7	162546.0	-5737.5	6555	10.5	163717.3	-5737.1	6645	7.5	164730.9	-5734.6
6466	10.0	162556.1	-5700.5	6556	10.0	163724.1	-5725.7	6646	7.5	164733.6	-5735.6
6467	9.8	162621.7	-5724.5	6557	10.5	163724.9	-5737.1	6647	9.4	164748.8	-5704.1
6468	10.3	162623.3	-5759.5	6558	10.3	163731.5	-5714.7	6648	10.5	164800.4	-5745.6
6469	9.1	162624.2	-5727.5	6559	10.3	163737.7	-5715.7	6649	10.0	164801.8	-5701.1
6470	11.0	162638.1	-5751.5	6560	9.5	163740.3	-5732.1	6650	9.6	164807.1	-5740.6
6471	10.0	162640.1	-5757.5	6561	9.5	163745.6	-5714.1	6651	9.2	164808.2	-5712.1
6472	9.6	162646.1	-5742.5	6562	9.6	163746.5	-5712.7	6652	10.3	164810.4	-5727.1
6473	9.8	162654.5	-5744.5	6563	10.3	163746.5	-5728.8	6653	10.3	164814.6	-5725.1
6474	9.6	162720.0	-5732.1	6564	10.3	163804.1	-5708.8	6654	9.5	164817.3	-5758.6
6475	10.3	162726.5	-5739.6	6565	9.7	163814.9	-5722.8	6655	9.0	164821.3	-5715.1
6476	9.8	162729.0	-5732.6	6566	9.7	163814.9	-5703.8	6656	10.0	164840.8	-5728.8
6477	10.0	162746.7	-5717.6	6567	10.3	163836.0	-5725.8	6657	10.0	164845.6	-5713.1
6478	9.0	162749.6	-5758.6	6568	10.0	163854.0	-5711.8	6658	10.3	164851.1	-5706.1
6479	10.0	162749.6	-5701.6	6569	9.7	163900.5	-5713.8	6659	8.7	164851.5	-5754.6
6480	10.5	162749.6	-5756.6	6570	9.9	163906.2	-5739.1	6660	8.5	164855.4	-5719.1
6481	8.7	162802.4	-5712.6	6571	8.4	163916.6	-5721.8	6661	10.5	164858.3	-5703.1
6482	10.3	162815.2	-5725.3	6572	10.8	163920.2	-5758.2	6662	9.5	164901.5	-5724.1
6483	10.0	162816.0	-5725.9	6573	10.5	163924.4	-5755.2	6663	9.2	164903.0	-5735.6
6484	10.0	162816.5	-5738.1	6574	10.5	163927.4	-5705.8	6664	10.5	164903.0	-5752.6
6485	10.0	162825.4	-5702.6	6575	9.7	163929.3	-5744.2	6665	10.0	164907.3	-5744.7
6486	7.5	162833.5	-5759.6	6576	9.5	163944.7	-5724.8	6666	9.5	164909.4	-5702.1
6487	9.6	162837.1	-5702.6	6577	10.0	164000.9	-5721.8	6667	10.5	164912.2	-5733.7
6488	10.0	162842.0	-5759.6	6578	9.7	164012.4	-5719.9	6668	8.5	164919.6	-5738.7
6489	10.0	162854.5	-5741.6	6579	10.5	164018.9	-5755.2	6669	10.3	164925.0	-5709.2
6490	10.3	162858.8	-5725.7	6580	10.5	164025.2	-5703.9	6670	10.3	164927.7	-5721.2
6491	8.2	162900.0	-5727.1	6581	10.5	164028.9	-5757.2	6671	7.0	165000.9	-5706.2
6492	9.5	162901.2	-5723.7	6582	10.8	164031.8	-5735.2	6672	10.3	165008.5	-5715.2
6493	9.6	162901.8	-5748.6	6583	10.0	164034.7	-5751.2	6673	10.5	165008.5	-5701.2
6494	10.0	162906.7	-5726.6	6584	9.6	164044.8	-5722.9	6674	10.0	165011.3	-5748.7
6675	10.0	165018.0	-5750.7								
6676	10.5	165027.1	-5726.7								
6677	9.7	165027.9	-5755.7								
6678	10.3	165028.8	-5717.2								
6679	10.0	165030.1	-5724.2								
6680	10.3	165036.0	-5711.2								
6681	10.0	165036.0	-5729.2								
6682	10.0	165037.2	-5714.2								
6683	9.8	165057.9	-5724.2								
6684	9.9	165127.6	-5735.8								
6685	9.7	165129.4	-5718.2								
6686	10.3	165142.6	-5740.8								
6687	10.3	165146.3	-5701.2								
6688	10.3	165207.4	-5710.3								
6689	10.3	165215.3	-5709.3								
6690	10.5	165221.0	-5752.8								
6691	9.5	165232.8	-5724.3								
6692	10.0	165236.6	-5726.3								
6693	9.8	165241.1	-5727.5								
6694	10.5	165252.4	-5712.3								
6695	9.7	165300.3	-5732.8								
6696	10.0	165312.7	-5721.3								
6697	9.2	165314.4	-5741.9								
6698	10.5	165314.4	-5729.9								
6699	9.4	165320.4	-5723.3								
6700	10.3	165335.0	-5751.9								
6701	10.0	165336.6	-5712.3								
6702	10.3	165341.3	-5701.3								
6703	6.5	165347.3	-5731.9								
6704	9.8	165405.0	-5752.9								
6705	10.3	165410.8	-5728.3								
6706	8.3	165442.1	-5753.9								
6707	10.3	165449.3	-5701.3								
6708	10.3	165449.3	-5742.9								
6709	10.0	165450.8	-5712.3								
6710	9.7	165454.4	-5716.3								
6711	10.3	165457.3	-5726.6								
6712	10.3	165509.0	-5740.0								
6713	10.5	165509.0	-5744.0								
6714	8.8	165510.1	-5748.0								
6715	9.8	165522.4	-5751.0								
6716	9.6	165523.3	-5754.0								
6717	10.3	165534.7	-5704.4								
6718	10.0	165542.2	-5705.4								
6719	10.3	165544.2	-5718.4								
6720	10.5	165545.9	-5724.4								
6721	10.3	165553.8	-5715.4								
6722	9.5	165554.6	-5732.0								
6723	9.0	165606.0	-5741.0								
6724	10.3	165607.4	-5704.4								
6725	10.0	165615.2	-5706.4								
6726	9.9	165616.5	-5735.0								
6727	10.0	165621.1	-5723.4								
6728	9.6	165631.1	-5751.0								
6729	9.8	165636.7	-5715.4								
6730	9.7	165648.3	-5705.4								
6731	10.0	165653.5	-5748.0								
6732	9.8	165706.8	-5718.4								
6733	10.0	165714.9	-5723.4								
6734	10.3	165716.0	-5706.4								
6735	9.7	165716.2	-5729.7								
6736	10.5	165739.5	-5729.2								
6737	9.8	165749.3	-5719.4								
6738	10.0	165750.0	-5732.0								
6739	10.0	165805.2	-5748.0								
6740	9.7	165807.6	-5716.5								
6741	10.0	165816.7	-5704.5								
6742	9.7	165817.1	-5738.0								
6743	10.0	165823.2	-5719.5								
6744	9.9	165826.7	-5744.0								
6745	10.3	165829.2	-5703.5								
6746	10.0	165832.6	-5729.5								
6747	9.6	165837.8	-5727.5								
6748	10.3	165840.9	-5723.5								
6749	9.9	165859.0	-5748.0								
6750	9.8	165907.0	-5754.0								
6751	10.0	165933.0	-5742.0								
6752	10.3	165933.0	-5721.5								
6753	8.9	165946.4	-5751.0								
6754	9.7	165953.3	-5742.1								
6755	10.0	170005.0	-5726.5								
6756	9.9	170012.5	-5743.0								
6757	10.0	170016.1	-5731.0								
6758	10.0	170018.1	-5711.5								
6759	7.2	170026.8	-5752.0								
6760	10.0	170037.4	-5725.5								
6761	8.8	170040.9	-5748.0								
6762	10.3	170057.1	-5704.5								
6763	10.3	170107.3	-5711.6								
6764	9.7	170124.0	-5748.0								

6765	10.0	170126.2	-5713.6	6855	9.6	171425.6	-5739.0	6945	10.3	172707.9	-5728.5	7035	9.8	174049.4	-5750.8
6766	9.8	170140.5	-5733.0	6856	10.3	171448.9	-5730.0	6946	10.0	172758.0	-5739.8	7036	9.6	174103.3	-5737.8
6767	9.6	170154.1	-5749.0	6857	9.9	171509.6	-5750.0	6947	9.2	172759.6	-5744.2	7037	10.0	174119.8	-5743.4
6768	10.0	170204.4	-5711.6	6858	10.3	171521.2	-5700.1	6948	9.5	172817.9	-5730.6	7038	9.9	174146.0	-5756.0
6769	10.3	170214.3	-5706.6	6859	10.5	171532.7	-5710.1	6949	10.3	172826.8	-5730.6	7039	9.5	174220.8	-5736.1
6770	9.8	170222.9	-5734.0	6860	10.0	171534.7	-5741.0	6950	9.8	172829.8	-5715.5	7040	10.3	174221.6	-5707.8
6771	9.8	170224.0	-5733.0	6861	10.0	171538.0	-5752.0	6951	9.7	172831.7	-5718.5	7041	9.6	174222.5	-5726.6
6772	10.5	170228.3	-5716.6	6862	10.0	171541.2	-5716.1	6952	10.0	172854.8	-5759.5	7042	10.3	174225.1	-5727.8
6773	9.9	170229.2	-5748.0	6863	9.7	171543.2	-5702.1	6953	9.5	172900.2	-5744.5	7043	8.7	174240.2	-5754.8
6774	10.0	170303.1	-5704.6	6864	9.7	171550.0	-5719.1	6954	10.0	172903.8	-5700.6	7044	8.9	174241.8	-5749.6
6775	9.6	170306.4	-5752.0	6865	9.6	171601.6	-5705.1	6955	9.8	172915.3	-5742.5	7045	8.7	174257.5	-5757.2
6776	9.8	170330.2	-5706.6	6866	9.7	171601.6	-5727.1	6956	10.3	172918.6	-5702.2	7046	10.3	174313.5	-5729.7
6777	9.3	170331.5	-5740.0	6867	10.0	171604.1	-5726.1	6957	10.3	172927.6	-5720.2	7047	9.4	174351.9	-5754.4
6778	10.0	170403.0	-5727.7	6868	9.8	171619.2	-5731.5	6958	9.0	173010.1	-5749.0	7048	10.3	174355.4	-5701.3
6779	9.9	170404.0	-5739.0	6869	9.9	171641.3	-5759.0	6959	9.5	173014.4	-5747.9	7049	9.8	174400.8	-5749.6
6780	9.7	170412.0	-5752.0	6870	10.3	171642.0	-5707.1	6960	9.4	173019.3	-5701.3	7050	10.0	174416.2	-5707.3
6781	9.9	170414.5	-5731.0	6871	10.0	171654.1	-5754.0	6961	9.5	173035.1	-5709.3	7051	10.0	174421.9	-5701.3
6782	10.0	170422.6	-5709.7	6872	8.5	171708.6	-5757.0	6962	10.0	173044.7	-5750.9	7052	10.3	174438.5	-5720.3
6783	9.5	170427.8	-5724.7	6873	9.3	171712.5	-5757.4	6963	9.6	173100.1	-5707.3	7053	10.0	174444.4	-5720.3
6784	9.5	170431.9	-5742.8	6874	10.0	171712.6	-5731.1	6964	10.0	173102.4	-5755.0	7054	9.8	174505.9	-5733.3
6785	8.4	170433.0	-5740.0	6875	10.3	171714.1	-5726.1	6965	10.0	173106.1	-5706.3	7055	9.8	174506.4	-5740.6
6786	9.4	170508.6	-5721.7	6876	10.3	171717.9	-5721.1	6966	9.0	173109.9	-5736.1	7056	8.6	174523.3	-5724.2
6787	9.9	170534.1	-5733.0	6877	10.3	171727.7	-5724.1	6967	10.0	173114.1	-5730.4	7057	10.0	174547.1	-5716.4
6788	10.3	170539.6	-5723.7	6878	9.4	171734.6	-5740.1	6968	9.7	173116.6	-5718.4	7058	10.0	174555.6	-5715.4
6789	9.7	170556.1	-5707.7	6879	9.6	171746.0	-5703.1	6969	9.5	173123.3	-5742.2	7059	10.0	174557.3	-5741.6
6790	9.9	170559.7	-5748.0	6880	9.9	171757.8	-5746.0	6970	9.5	173128.3	-5736.2	7060	10.0	174604.7	-5709.4
6791	9.9	170603.8	-5753.0	6881	8.7	171804.9	-5751.0	6971	10.3	173148.9	-5700.4	7061	10.0	174611.4	-5743.6
6792	9.6	170611.5	-5757.4	6882	10.3	171812.0	-5713.2	6972	9.5	173156.1	-5735.4	7062	9.7	174622.7	-5728.5
6793	10.3	170618.0	-5724.7	6883	9.7	171815.1	-5727.2	6973	8.5	173208.7	-5753.8	7063	7.9	174642.5	-5738.6
6794	10.0	170621.6	-5714.7	6884	9.7	171821.2	-5707.2	6974	10.3	173212.1	-5706.4	7064	9.9	174716.2	-5758.6
6795	9.2	170624.7	-5716.7	6885	10.0	171823.3	-5730.0	6975	10.3	173226.0	-5712.4	7065	10.0	174718.9	-5755.5
6796	9.6	170627.2	-5754.0	6886	10.0	171829.8	-5727.2	6976	7.5	173231.4	-5739.4	7066	8.8	174737.9	-5746.1
6797	9.8	170641.0	-5718.7	6887	7.5	171835.5	-5718.2	6977	9.8	173234.2	-5735.7	7067	9.5	174739.6	-5726.5
6798	10.3	170714.3	-5714.8	6888	10.3	171849.8	-5717.2	6978	9.0	173246.8	-5757.2	7068	9.4	174749.7	-5740.6
6799	9.3	170722.0	-5744.0	6889	9.2	171901.8	-5738.2	6979	10.3	173309.1	-5723.5	7069	9.7	174755.1	-5701.5
6800	10.3	170739.1	-5705.8	6890	9.4	171919.2	-5758.9	6980	10.3	173316.1	-5717.5	7070	9.7	174758.2	-5706.5
6801	9.8	170746.9	-5754.0	6891	9.7	171920.9	-5727.0	6981	8.0	173319.2	-5757.2	7071	9.2	174800.4	-5747.6
6802	10.0	170750.1	-5715.8	6892	9.0	171938.8	-5735.3	6982	9.2	173326.4	-5746.6	7072	9.4	174804.2	-5731.3
6803	8.0	170805.0	-5716.8	6893	9.0	171941.0	-5742.1	6983	10.0	173350.0	-5749.8	7073	9.6	174810.2	-5741.6
6804	9.5	170808.7	-5730.4	6894	9.7	171941.2	-5708.2	6984	10.3	173354.1	-5726.0	7074	10.0	174825.5	-5700.5
6805	9.5	170808.7	-5725.8	6895	9.6	171944.9	-5704.2	6985	10.0	173356.2	-5740.4	7075	9.2	174828.9	-5745.6
6806	9.5	170815.6	-5725.8	6896	9.2	171958.6	-5734.8	6986	6.7	173410.9	-5729.6	7076	10.0	174831.4	-5754.8
6807	9.8	170832.0	-5734.0	6897	8.8	172003.8	-5724.2	6987	9.5	173424.8	-5747.7	7077	9.8	174832.0	-5733.1
6808	9.5	170840.2	-5728.4	6898	9.8	172006.1	-5747.6	6988	9.8	173428.6	-5750.4	7078	9.2	174837.4	-5749.6
6809	10.3	170855.6	-5707.8	6899	9.1	172010.7	-5722.2	6989	10.3	173437.1	-5715.5	7079	10.0	174840.3	-5705.5
6810	10.3	170900.3	-5717.8	6900	9.2	172014.6	-5734.9	6990	9.2	173447.3	-5756.2	7080	10.0	174855.8	-5738.6
6811	9.9	170907.0	-5743.0	6901	9.8	172032.4	-5709.2	6991	8.9	173508.0	-5745.6	7081	9.7	174910.6	-5704.5
6812	10.3	170920.0	-5702.8	6902	10.3	172035.8	-5710.2	6992	10.3	173527.1	-5718.5	7082	10.0	174917.5	-5726.5
6813	10.3	170925.1	-5719.8	6903	10.0	172037.3	-5756.0	6993	10.3	173528.6	-5712.5	7083	9.7	174921.6	-5724.5
6814	8.8	170934.7	-5757.0	6904	9.8	172049.3	-5727.3	6994	10.0	173536.9	-5749.4	7084	9.8	174929.7	-5733.7
6815	9.9	170938.6	-5750.0	6905	10.3	172100.0	-5725.3	6995	9.4	173540.1	-5719.5	7085	9.8	174947.0	-5733.1
6816	7.7	170942.0	-5722.8	6906	9.4	172108.5	-5758.4	6996	9.6	173541.3	-5748.4	7086	9.7	174956.5	-5758.7
6817	9.9	170946.3	-5741.0	6907	9.8	172154.9	-5713.3	6997	9.2	173546.1	-5716.5	7087	9.8	175014.6	-5722.5
6818	7.5	170948.3	-5706.9	6908	8.6	172158.2	-5732.2	6998	9.9	173548.4	-5755.1	7088	10.3	175014.8	-5706.5
6819	10.3	170954.7	-5704.9	6909	10.3	172200.7	-5724.3	6999	10.3	173552.1	-5725.5	7089	9.2	175018.4	-5743.7
6820	10.5	170954.7	-5713.9	6910	9.5	172201.1	-5749.1	7000	10.3	173601.1	-5723.5	7090	10.0	175023.3	-5718.5
6821	9.8	171004.7	-5733.0	6911	10.5	172202.7	-5702.3	7001	9.8	173604.9	-5738.6	7091	9.3	175035.4	-5715.6
6822	9.8	171008.5	-5714.9	6912	10.0	172214.7	-5729.7	7002	9.9	173608.4	-5749.9	7092	10.0	175118.4	-5743.6
6823	10.3	171008.5	-5718.9	6913	9.6	172225.0	-5704.3	7003	9.8	173608.9	-5739.8	7093	9.8	175155.4	-5735.8
6824	10.3	171008.5	-5722.9	6914	9.7	172251.7	-5722.3	7004	9.9	173622.4	-5759.6	7094	9.7	175157.1	-5714.6
6825	9.9	171012.6	-5736.0	6915	10.3	172333.4	-5725.4	7005	10.0	173626.6	-5702.6	7095	10.5	175206.5	-5720.6
6826	9.8	171015.5	-5723.9	6916	10.0	172349.7	-5743.8	7006	9.5	173638.1	-5715.6	7096	9.8	175222.4	-5735.0
6827	9.2	171032.1	-5744.0	6917	10.0	172354.9	-5754.1	7007	9.8	173638.7	-5755.3	7097	8.4	175222.6	-5719.6
6828	10.0	171041.4	-5700.9	6918	9.0	172409.4	-5703.4	7008	8.0	173653.1	-5721.6	7098	10.0	175224.1	-5729.7
6829	9.9	171120.1	-5752.0	6919	9.8	172409.7	-5748.7	7009	7.7	173657.1	-5724.6	7099	10.0	175228.5	-5704.6
6830	10.5	171128.7	-5722.9	6920	9.5	172418.5	-5755.2	7010	9.5	173657.1	-5749.5	7100	9.3	175241.6	-5757.2
6831	9.7	171130.6	-5715.9	6921	9.5	172431.5	-5746.7	7011	9.6	173705.6	-5712.6	7101	9.2	175246.3	-5746.0
6832	9.5	171203.0	-5741.0	6922	9.6	172431.7	-5728.4	7012	9.8	173707.0	-5756.6	7102	8.8	175250.5	-5752.0
6833	10.0	171205.8	-5719.0	6923	9.2	172438.1	-5745.1	7013	10.0	173714.4	-5749.8	7103	9.7	175257.1	-5719.6
6834	7.2	171210.0	-5754.0	6924	9.8	172444.6	-5725.4	7014	10.0	173722.1	-5707.6	7104	10.0	175258.7	-5707.6
6835	8.7	171211.4	-5744.0	6925	9.2	172448.5	-5722.4	7015	10.3	173739.1	-5709.6	7105	10.3	175313.7	-5704.6
6836	10.3	171211.8	-5705.0	6926	9.7	172450.2	-5721.4	7016	9.8	173755.6	-5716.6	7106	10.0	175314.9	-5748.9
6837	9.7	171212.9	-5706.0	6927	10.3	172504.2	-5720.4	7017	9.9	173757.4	-5755.5	7107	10.0	175320.7	-5706.7
6838	9.9	171213.6	-5737.0	6928	9.5	172504.9	-5703.4	7018	10.0	173758.1	-5728.6	7108	10.0	175330.7	-5709.7
6839	9.6	171225.7	-5722.0	6929	10.0	172504.9	-5722.4	7019	10.0	173804.9	-5726.3	7109	10.3	175331.1	-5715.7
6840	9.6	171231.0	-5735.0	6930	10.0	172535.6	-5759.4	7020	8.4	173812.8	-5740.6	7110	10.0	175348.3	-5745.0
6841	8.9	171237.1	-5725.0	6931	10.3	172537.6	-5718.4	7021	10.3	173816.1	-5711.6	7111	10.3	175354.8	-5731.7
6842	9.7	171251.7	-5727.0	6932	9.0	172547.8	-5753.9	7022	9.5	173827.9	-5746.9	7112	9.7	175423.6	-5718.7
6843	10.3	171255.8	-5720.0	6933	10.0	172553.3	-5719.4	7023	9.7	173836.1	-5713.7	7113	9.0	175424.5	-5741.5
6844	10.0	171314.2	-5706.0	6934	10.3	172555.4	-5725.4	7024	10.0	173841.6	-5704.7	7114	10.3	175438.6	-5714.7
6845	10.3	171317.1	-5726.0	6935	9.0	172559.5	-5739.6	7025	9.2	173841.7	-5734.4	7115	10.0	175536.9	-5739.3
6846	10.3	171330.1	-5730.0	6936	9.0	172612.4	-5741.2	7026	9.7	173846.4	-5736.2	7116	10.3	175542.3	-5713.7
6847	10.0	171338.1	-5707.0	6937	9.2	172617.6	-5701.5	7027	10.3	173847.6	-5728.7	7117	10.3	175543.8	-5709.7
6848	10.3	171347.1	-5719.0	6938	10.0	172635.0	-5749.0	7028	10.0	173850.6	-5703.7	7118	10.0	175544.5	-5747.9
6849	9.6	171354.9	-5726.0	6939	10.0	172639.9	-5740.9	7029	10.3	173856.6	-5718.7	7119	10.0	175610.5	-5700.8
6850	9.6	171404.8	-5700.0	6940	9.7	172650.2	-5707.5	7030	10.3	173918.6	-5719.7	7120	9.8	175619.0	-5749.2
6851	9.8	171410.5	-5744.0	6941	10.0	172651.0	-5744.2	7031	10.3	173927.6	-5714.7	7121	10.0	175623.4	-5706.8
6852	10.0	171412.5	-5702.0	6942	10.0	172651.4	-5737.4	7032	9.8	173944.6	-5744.9	7122	10.0	175623.9	-5703.8
6853	10.0	171421.9	-5705.0	6943	10.3	172700.6	-5709.5	7033	9.3	174032.1	-5730.6	7123	9.7	175628.5	-5734.2
6854	10.0	171422.1	-5737.0	6944	10.3	172702.2	-5731.6	7034	9.5	174047.0	-5728.8	7124	9.9	175630.1	-5726.0

7125	9.8	175634.7	-5720.8	7215	10.3	181323.6	-5711.8	7305	9.2	182838.5	-5730.3
7126	9.8	175635.2	-5748.7	7216	9.6	181329.8	-5725.9	7306	10.5	182852.0	-5751.0
7127	9.5	175739.8	-5751.2	7217	10.8	181354.6	-5712.8	7307	11.0	182900.2	-5746.0
7128	10.0	175812.0	-5744.2	7218	9.4	181401.8	-5739.0	7308	11.0	182905.2	-5737.0
7129	10.5	175813.3	-5714.8	7219	8.6	181419.1	-5725.0	7309	10.8	182919.7	-5728.8
7130	8.8	175818.0	-5735.9	7220	7.1	181435.5	-5709.0	7310	11.0	182924.1	-5748.0
7131	7.9	175824.3	-5748.2	7221	9.8	181530.8	-5751.0	7311	10.5	182935.7	-5704.7
7132	9.4	175825.6	-5751.2	7222	10.5	181532.6	-5701.0	7312	10.0	182953.1	-5744.0
7133	10.3	175857.5	-5722.9	7223	10.0	181533.5	-5705.0	7313	11.0	183004.3	-5732.0
7134	9.6	175902.4	-5705.9	7224	10.5	181541.2	-5719.0	7314	11.0	183008.0	-5754.0
7135	9.8	175907.1	-5747.6	7225	10.5	181548.7	-5714.0	7315	10.8	183010.4	-5710.7
7136	10.5	175918.3	-5713.9	7226	10.8	181555.0	-5701.0	7316	10.3	183022.9	-5714.7
7137	10.0	175920.1	-5754.5	7227	9.5	181607.0	-5727.5	7317	10.5	183026.9	-5734.0
7138	9.8	175926.1	-5751.4	7228	10.0	181610.0	-5701.0	7318	11.0	183032.0	-5755.2
7139	10.0	175933.7	-5709.9	7229	9.7	181622.4	-5725.0	7319	10.3	183036.0	-5733.2
7140	9.2	175934.4	-5736.2	7230	10.5	181628.2	-5710.0	7320	10.8	183036.7	-5705.7
7141	10.0	175948.6	-5740.9	7231	8.6	181646.6	-5706.1	7321	9.7	183046.8	-5754.2
7142	9.9	175954.1	-5733.2	7232	9.6	181653.6	-5747.5	7322	10.8	183049.3	-5735.9
7143	10.0	175954.5	-5716.9	7233	9.0	181700.4	-5738.0	7323	9.3	183049.6	-5734.2
7144	10.3	175954.8	-5717.9	7234	9.8	181707.5	-5706.1	7324	11.0	183052.2	-5742.2
7145	10.5	180004.1	-5709.9	7235	10.5	181712.7	-5725.1	7325	10.0	183056.1	-5755.2
7146	10.3	180011.9	-5722.9	7236	10.0	181722.6	-5740.4	7326	10.5	183100.0	-5720.7
7147	10.0	180029.5	-5715.9	7237	9.7	181732.2	-5727.1	7327	11.0	183104.8	-5756.2
7148	9.7	180036.9	-5754.5	7238	11.0	181803.0	-5700.1	7328	10.5	183108.9	-5712.7
7149	10.5	180101.0	-5713.9	7239	9.3	181804.5	-5708.1	7329	10.8	183116.9	-5714.7
7150	10.0	180105.3	-5728.9	7240	8.6	181810.0	-5712.1	7330	10.8	183125.0	-5744.2
7151	10.0	180107.6	-5737.2	7241	9.6	181817.5	-5725.5	7331	10.3	183128.8	-5753.2
7152	9.4	180110.6	-5754.2	7242	9.5	181819.6	-5751.0	7332	10.5	183128.9	-5718.8
7153	10.0	180117.9	-5722.9	7243	10.8	181848.1	-5721.5	7333	10.5	183132.2	-5705.7
7154	9.2	180132.3	-5757.2	7244	10.5	181849.7	-5716.1	7334	9.6	183135.5	-5749.2
7155	9.8	180143.1	-5724.1	7245	9.0	181852.9	-5735.7	7335	10.5	183142.4	-5719.8
7156	10.3	180200.1	-5704.0	7246	9.8	181904.8	-5751.7	7336	10.8	183144.1	-5726.8
7157	9.5	180205.0	-5748.5	7247	6.2	181910.9	-5735.7	7337	10.8	183159.9	-5715.8
7158	9.4	180205.1	-5707.0	7248	10.0	181925.5	-5759.7	7338	10.8	183202.0	-5720.8
7159	10.3	180210.1	-5705.0	7249	9.7	181935.2	-5713.2	7339	10.5	183203.2	-5708.8
7160	10.0	180212.1	-5756.9	7250	9.6	181940.0	-5732.7	7340	10.5	183209.6	-5724.8
7161	8.9	180218.9	-5755.0	7251	9.6	181944.0	-5733.7	7341	10.8	183225.0	-5700.8
7162	10.5	180332.0	-5720.0	7252	10.5	181953.6	-5707.2	7342	10.8	183225.4	-5711.8
7163	9.8	180336.6	-5745.1	7253	10.5	181958.1	-5706.2	7343	8.8	183227.0	-5736.2
7164	9.6	180356.3	-5737.0	7254	10.8	182000.2	-5752.7	7344	10.8	183230.7	-5751.2
7165	9.6	180400.1	-5709.0	7255	10.5	182019.4	-5720.2	7345	9.1	183239.9	-5718.8
7166	9.5	180403.1	-5700.0	7256	9.9	182032.3	-5714.2	7346	11.0	183251.9	-5730.3
7167	7.5	180417.0	-5752.8	7257	9.2	182039.6	-5707.2	7347	10.0	183304.2	-5757.3
7168	10.0	180418.3	-5742.6	7258	11.0	182050.3	-5738.7	7348	10.8	183311.7	-5754.3
7169	10.3	180419.6	-5713.1	7259	7.5	182053.6	-5704.2	7349	9.1	183316.4	-5722.8
7170	9.5	180427.0	-5751.8	7260	11.0	182107.5	-5735.7	7350	10.8	183346.5	-5759.3
7171	10.3	180435.1	-5705.1	7261	10.5	182108.9	-5721.2	7351	10.8	183357.5	-5713.8
7172	8.9	180506.5	-5726.9	7262	10.5	182127.4	-5751.7	7352	9.7	183405.7	-5751.3
7173	9.2	180514.4	-5742.8	7263	10.5	182128.9	-5752.7	7353	10.8	183423.0	-5721.9
7174	10.0	180533.6	-5731.9	7264	10.5	182129.0	-5726.2	7354	10.5	183430.3	-5732.3
7175	10.8	180535.1	-5727.1	7265	10.3	182135.0	-5734.7	7355	10.5	183430.4	-5713.9
7176	10.5	180535.4	-5707.1	7266	10.3	182137.9	-5738.7	7356	10.5	183432.4	-5723.9
7177	7.4	180541.9	-5728.9	7267	10.5	182142.3	-5714.2	7357	10.5	183443.3	-5758.3
7178	9.5	180546.0	-5746.8	7268	8.4	182145.8	-5733.7	7358	10.5	183450.7	-5733.3
7179	10.0	180548.0	-5735.2	7269	9.7	182156.8	-5726.0	7359	8.5	183513.1	-5742.3
7180	9.8	180630.4	-5745.5	7270	10.0	182203.6	-5705.3	7360	11.0	183515.7	-5735.3
7181	10.3	180725.3	-5713.2	7271	10.3	182204.1	-5757.7	7361	10.3	183516.5	-5702.9
7182	10.3	180735.9	-5712.2	7272	9.4	182205.8	-5732.7	7362	11.0	183524.5	-5755.3
7183	9.8	180801.8	-5721.7	7273	10.8	182229.3	-5742.7	7363	8.7	183533.9	-5712.9
7184	9.8	180808.7	-5728.3	7274	10.8	182234.5	-5754.8	7364	11.0	183545.8	-5748.3
7185	9.9	180811.7	-5713.7	7275	10.0	182253.7	-5750.8	7365	9.5	183608.1	-5724.1
7186	9.9	180816.5	-5703.7	7276	9.9	182254.2	-5726.1	7366	10.5	183613.9	-5718.9
7187	10.3	180821.3	-5723.7	7277	10.3	182302.1	-5705.3	7367	10.0	183623.2	-5701.9
7188	9.8	180824.1	-5758.4	7278	10.3	182312.8	-5731.8	7368	11.5	183642.5	-5725.0
7189	8.8	180836.1	-5756.0	7279	10.5	182315.9	-5726.8	7369	11.3	183643.2	-5707.0
7190	10.0	180841.8	-5722.7	7280	10.3	182325.7	-5722.3	7370	10.5	183644.3	-5741.3
7191	9.8	180859.8	-5744.9	7281	9.7	182328.5	-5744.8	7371	8.7	183700.1	-5745.4
7192	10.3	180903.2	-5729.9	7282	10.3	182335.9	-5722.3	7372	9.1	183708.0	-5722.0
7193	9.9	180914.2	-5726.1	7283	10.5	182358.9	-5716.4	7373	10.0	183723.8	-5737.4
7194	10.0	180919.6	-5756.0	7284	10.5	182403.9	-5710.4	7374	10.0	183724.4	-5717.0
7195	10.5	180931.8	-5721.8	7285	11.0	182407.9	-5744.8	7375	9.4	183726.3	-5748.4
7196	9.8	180951.7	-5725.4	7286	10.5	182423.8	-5737.8	7376	9.9	183735.0	-5738.4
7197	9.6	181032.0	-5756.0	7287	9.7	182428.9	-5714.4	7377	10.5	183740.1	-5726.7
7198	9.5	181033.5	-5739.0	7288	9.4	182437.9	-5747.9	7378	10.5	183743.5	-5724.0
7199	10.0	181038.1	-5735.9	7289	9.3	182441.7	-5702.4	7379	10.5	183754.4	-5739.4
7200	10.5	181053.7	-5721.8	7290	9.3	182529.8	-5750.0	7380	9.6	183820.7	-5755.4
7201	8.6	181056.2	-5701.8	7291	10.8	182534.9	-5749.0	7381	8.9	183826.8	-5727.7
7202	10.5	181114.4	-5702.8	7292	10.3	182544.9	-5757.0	7382	10.8	183827.7	-5751.4
7203	10.5	181133.4	-5706.8	7293	8.6	182554.3	-5713.5	7383	8.4	183842.7	-5740.5
7204	8.6	181136.1	-5724.4	7294	10.5	182602.2	-5726.5	7384	9.7	183843.4	-5741.5
7205	10.5	181137.4	-5705.8	7295	9.6	182624.1	-5734.0	7385	9.0	183845.6	-5723.0
7206	8.8	181139.0	-5732.2	7296	11.0	182640.5	-5750.0	7386	9.1	183845.9	-5719.0
7207	10.5	181148.6	-5715.8	7297	10.8	182728.0	-5743.0	7387	11.0	183857.1	-5756.5
7208	10.3	181210.9	-5703.8	7298	9.7	182744.9	-5726.3	7388	11.0	183857.1	-5727.5
7209	10.0	181224.0	-5744.0	7299	8.4	182751.6	-5732.0	7389	9.2	183901.9	-5706.0
7210	10.5	181243.6	-5714.8	7300	9.7	182812.1	-5752.0	7390	10.8	183905.3	-5726.5
7211	10.5	181250.0	-5729.8	7301	9.6	182815.1	-5731.2	7391	10.8	183908.3	-5731.5
7212	9.9	181250.6	-5712.8	7302	9.7	182823.5	-5724.6	7392	11.0	183917.5	-5729.5
7213	9.8	181302.0	-5740.0	7303	11.0	182829.6	-5734.0	7393	10.8	183921.6	-5741.5
7214	9.8	181322.0	-5737.0	7304	8.2	182831.8	-5716.6	7394	11.0	183923.6	-5743.5
7395	11.0	183927.8	-5757.5								
7396	9.7	183944.0	-5724.1								
7397	10.5	184007.7	-5749.5								
7398	10.5	184017.0	-5730.5								
7399	11.0	184023.2	-5754.5								
7400	10.8	184055.3	-5734.5								
7401	10.8	184104.3	-5732.5								
7402	10.5	184117.0	-5751.5								
7403	11.0	184118.4	-5719.2								
7404	10.3	184131.4	-5759.5								
7405	9.9	184133.9	-5716.2								
7406	7.8	184149.0	-5721.2								
7407	11.0	184206.5	-5738.5								
7408	10.8	184212.8	-5701.2								
7409	10.8	184214.0	-5752.5								
7410	10.8	184220.6	-5726.5								
7411	9.5	184222.2	-5705.2								
7412	10.3	184226.2	-5704.2								
7413	9.3	184228.0	-5745.6								
7414	9.4	184244.5	-5735.6								
7415	10.0	184248.5	-5741.6								
7416	10.5	184257.8	-5754.6								
7417	11.0	184300.1	-5756.6								
7418	10.5	184302.4	-5720.2								
7419	10.8	184318.3	-5737.6								
7420	10.5	184336.4	-5739.6								
7421	9.8	184337.9	-5719.2								
7422	11.0	184344.3	-5750.6								
7423	10.5	184349.3	-5744.6								
7424	9.9	184350.9	-5717.2								
7425	11.5	184409.0	-5720.2								
7426	9.9	184436.6	-5718.3								
7427	10.3	184443.5	-5729.9								
7428	11.5	184446.7	-5708.3								
7429	10.0	184448.9	-5743.6								
7430	10.5	184456.8	-5722.3								
7431	10.5	184506.7	-5737.6								
7432	9.4	184514.9	-5715.3								
7433	11.0	184519.4	-5713.3								
7434	10.5	184546.4	-5736.6								
7435	10.8	184548.4	-5741.6								
7436	11.0	184549.4	-5725.6								
7437	10.5	184550.3	-5732.5								
7438	10.8	184552.0	-5753.7								
7439	10.8	184557.9	-5749.7								
7440	10.5	184616.2	-5704.3								
7441	11.3	184621.5	-5721.3								
7442	10.5	184629.4	-5702.4								
7443	11.0	184630.5	-5737.7								
7444	9.4	184648.4	-5702.4								
7445	10.0	184657.8	-5738.7								
7446	9.8	184704.5	-5758.7								
7447	9.1	184707.7	-5704.4								
7448	10.3	184712.9	-5732.0								
7449	11.3	184713.4	-5714.4								
7450	10.5	184718.9	-5759.7								
7451	10.3	184721.1	-5757.7								
7452	11.0	184726.5	-5723.4								
7453	8.9	184734.2	-5725.1								
7454	11.0	184800.2	-5731.0								
7455	10.8	184800.3	-5739.7								
7456	9.9	184802.5	-5721.4								
7457	8.7	184804.1	-5705.4								
7458	9.3	184817.6	-5734.7								
7459	11.0	184827.0	-5736.7								
7460	11.0	184832.2	-5757.7								
7461	10.8	184833.2	-5741.7								
7462	10.8	184836.9	-5752.7								
7463	10.5	184850.7	-5728.5								
7464	11.0	184855.1	-5722.4								
7465	9.7	184914.0	-5725.5								
7466	10.5	184919.0	-5724.5								
7467	10.8	184923.7	-5705.5								
7468	11.0	184948.4	-5743.8								
7469	10.5	185031.5	-5733.8								
7470	10.8	185034.5	-5752.8								
7471	11.5	185057.6	-5701.5								
7472	9.0	185120.1	-5737.8								
7473	11.0	185122.8	-5734.8								
7474	8.0	185125.4	-5708.5								
7475	11.0	185130.5	-5755.8								
7476	9.6	185137.8	-5739.8								
7477	10.8	185144.4	-5726.8								
7478	11.3	185155.0	-5727.6								
7479	10.5	185212.5	-5746.8								
7480	8.6	185216.1	-5757.8								
7481	9.5	185233.9	-5720.6								
7482	7.5	185238.0	-5709.6								
7483	9.7	185249.2	-5734.8								
7484	9.2	185300.9	-5751.8								

7485	10.8	185302.3	-5700.6	7575	10.8	190805.4	-5739.2	7665	10.8	192335.8	-5728.8	7755	9.5	193926.2	-5736.5
7486	10.5	185308.2	-5749.8	7576	9.8	190813.9	-5755.3	7666	10.8	192350.0	-5735.8	7756	11.0	193931.5	-5705.6
7487	10.5	185308.2	-5706.6	7577	10.5	190824.8	-5755.3	7667	10.8	192351.5	-5750.8	7757	11.5	193932.8	-5724.6
7488	10.8	185312.6	-5718.6	7578	11.0	190824.8	-5748.3	7668	11.0	192406.3	-5751.8	7758	9.4	193937.2	-5735.6
7489	9.4	185318.6	-5758.8	7579	9.2	190825.7	-5704.2	7669	10.5	192440.1	-5732.8	7759	8.8	193938.5	-5731.2
7490	9.6	185356.7	-5735.9	7580	11.0	190839.3	-5750.3	7670	10.8	192442.7	-5745.8	7760	8.8	194004.9	-5733.6
7491	10.5	185403.7	-5733.9	7581	11.0	190843.0	-5733.3	7671	10.3	192451.4	-5747.8	7761	10.8	194010.1	-5756.6
7492	10.8	185414.4	-5755.9	7582	10.0	190922.5	-5725.3	7672	11.0	192458.7	-5729.8	7762	11.0	194015.0	-5713.8
7493	9.7	185431.5	-5739.9	7583	10.8	190924.3	-5752.3	7673	11.3	192513.4	-5722.1	7763	8.6	194031.5	-5732.6
7494	10.5	185433.5	-5728.9	7584	9.9	190929.2	-5758.3	7674	9.4	192514.6	-5726.5	7764	11.3	194107.0	-5715.6
7495	10.5	185446.3	-5750.9	7585	9.2	190953.4	-5730.3	7675	11.0	192549.7	-5738.9	7765	11.0	194108.7	-5747.6
7496	10.5	185455.6	-5751.3	7586	10.5	191000.6	-5752.3	7676	9.9	192552.4	-5705.5	7766	9.3	194138.2	-5715.6
7497	10.0	185510.7	-5759.0	7587	9.9	191007.4	-5728.3	7677	10.5	192552.8	-5723.9	7767	8.3	194139.2	-5758.7
7498	9.8	185512.2	-5747.9	7588	11.0	191019.0	-5753.3	7678	11.0	192553.1	-5753.9	7768	11.0	194141.6	-5736.7
7499	10.5	185516.5	-5743.9	7589	9.7	191042.4	-5718.1	7679	9.2	192558.4	-5703.0	7769	11.0	194143.2	-5735.7
7500	8.2	185528.1	-5727.8	7590	10.0	191043.7	-5709.1	7680	10.5	192610.3	-5739.9	7770	10.0	194144.1	-5745.7
7501	10.5	185543.5	-5712.7	7591	10.5	191056.8	-5740.3	7681	10.8	192618.4	-5745.9	7771	7.3	194153.2	-5701.6
7502	9.8	185544.2	-5707.7	7592	10.0	191105.9	-5720.3	7682	11.0	192619.2	-5716.2	7772	10.0	194154.9	-5726.7
7503	7.9	185601.2	-5717.7	7593	10.0	191107.4	-5713.3	7683	11.3	192623.7	-5717.2	7773	11.0	194200.3	-5704.6
7504	9.9	185604.8	-5701.7	7594	9.5	191117.4	-5720.0	7684	10.0	192639.3	-5759.9	7774	10.3	194206.8	-5723.8
7505	10.3	185610.5	-5749.9	7595	9.3	191119.7	-5708.1	7685	10.5	192647.4	-5754.9	7775	10.8	194209.1	-5755.7
7506	10.0	185614.2	-5742.9	7596	10.3	191120.0	-5736.3	7686	10.0	192650.1	-5711.0	7776	9.7	194227.3	-5708.7
7507	11.5	185619.1	-5703.7	7597	10.5	191127.8	-5739.3	7687	9.8	192709.8	-5730.6	7777	10.8	194233.3	-5731.7
7508	10.3	185619.1	-5725.7	7598	9.7	191131.5	-5701.8	7688	10.8	192728.8	-5736.0	7778	10.8	194238.8	-5756.7
7509	11.0	185638.2	-5718.8	7599	10.0	191135.3	-5721.4	7689	8.3	192736.0	-5721.3	7779	10.8	194241.8	-5710.0
7510	9.2	185641.0	-5729.4	7600	10.8	191141.4	-5744.4	7690	9.4	192738.4	-5741.0	7780	10.5	194243.1	-5746.7
7511	11.0	185706.2	-5711.8	7601	9.9	191212.8	-5742.4	7691	10.5	192739.8	-5740.0	7781	9.9	194256.7	-5740.7
7512	10.3	185709.1	-5721.8	7602	10.8	191224.1	-5728.4	7692	11.0	192751.1	-5754.0	7782	8.0	194308.5	-5724.2
7513	9.5	185719.1	-5723.8	7603	10.5	191228.4	-5759.4	7693	11.0	192754.1	-5758.0	7783	10.8	194308.8	-5719.7
7514	10.8	185732.6	-5744.0	7604	9.5	191229.7	-5735.4	7694	9.8	192806.3	-5700.2	7784	9.4	194333.8	-5729.8
7515	11.5	185739.1	-5711.8	7605	11.0	191232.0	-5732.4	7695	10.5	192808.9	-5748.0	7785	10.5	194337.8	-5700.7
7516	11.0	185741.3	-5706.8	7606	10.0	191238.4	-5720.4	7696	11.0	192808.9	-5757.0	7786	10.5	194352.8	-5752.8
7517	10.8	185742.7	-5753.0	7607	9.4	191303.7	-5711.8	7697	10.8	192840.8	-5736.0	7787	9.6	194400.5	-5705.0
7518	11.0	185749.5	-5720.8	7608	9.3	191306.0	-5733.4	7698	10.0	192840.9	-5702.3	7788	10.5	194400.5	-5706.7
7519	10.8	185750.1	-5719.8	7609	10.5	191306.0	-5734.4	7699	9.6	192851.6	-5749.0	7789	10.0	194402.4	-5708.7
7520	10.5	185804.1	-5735.0	7610	9.6	191315.2	-5705.4	7700	9.8	192853.0	-5701.4	7790	9.0	194403.7	-5751.8
7521	11.0	185809.5	-5708.8	7611	10.3	191330.9	-5746.4	7701	11.5	192908.4	-5706.3	7791	10.5	194406.9	-5744.8
7522	10.0	185820.5	-5738.0	7612	10.5	191334.9	-5742.4	7702	11.3	192909.6	-5710.3	7792	9.5	194428.7	-5744.8
7523	9.0	185825.9	-5728.9	7613	9.9	191335.4	-5726.4	7703	11.0	192941.1	-5753.1	7793	8.0	194435.3	-5752.8
7524	10.5	185828.8	-5707.8	7614	8.4	191346.7	-5751.4	7704	11.0	192941.1	-5724.3	7794	10.8	194443.8	-5758.8
7525	9.8	185832.0	-5716.8	7615	9.7	191352.4	-5721.0	7705	11.0	192942.3	-5721.0	7795	8.1	194450.0	-5710.7
7526	10.5	185836.6	-5705.8	7616	9.0	191409.2	-5743.4	7706	9.6	193032.2	-5725.2	7796	10.8	194525.5	-5722.7
7527	11.0	185844.3	-5704.8	7617	9.8	191410.4	-5746.4	7707	10.8	193037.2	-5739.1	7797	9.8	194535.3	-5750.9
7528	10.5	185906.0	-5717.8	7618	10.5	191421.7	-5736.4	7708	10.5	193122.7	-5741.1	7798	10.0	194536.1	-5733.9
7529	11.0	185908.6	-5745.0	7619	10.5	191422.9	-5737.4	7709	10.8	193122.9	-5728.1	7799	11.0	194538.6	-5700.7
7530	11.0	185910.8	-5754.0	7620	10.0	191429.1	-5725.5	7710	10.0	193127.7	-5743.1	7800	9.1	194542.0	-5744.9
7531	9.8	185913.1	-5734.0	7621	10.0	191435.9	-5713.2	7711	7.9	193158.4	-5725.8	7801	10.8	194548.0	-5719.8
7532	11.0	185915.6	-5738.0	7622	10.0	191441.0	-5702.5	7712	11.5	193210.2	-5720.4	7802	10.5	194602.9	-5759.9
7533	11.0	185917.7	-5759.0	7623	10.0	191442.6	-5725.5	7713	9.7	193215.2	-5727.8	7803	10.8	194609.4	-5724.6
7534	10.3	185952.6	-5755.1	7624	7.9	191442.8	-5713.5	7714	11.0	193216.2	-5745.2	7804	9.8	194609.9	-5738.9
7535	10.5	185955.2	-5744.1	7625	8.5	191446.8	-5736.4	7715	10.5	193248.2	-5728.3	7805	9.7	194619.3	-5747.9
7536	10.8	190004.9	-5722.9	7626	9.3	191509.7	-5723.0	7716	10.8	193251.3	-5725.2	7806	11.0	194641.7	-5701.8
7537	9.0	190038.3	-5703.4	7627	9.1	191520.7	-5700.1	7717	10.8	193255.7	-5735.2	7807	10.5	194653.8	-5753.9
7538	11.0	190044.2	-5754.1	7628	9.8	191548.7	-5738.5	7718	8.3	193325.5	-5702.4	7808	9.2	194657.4	-5723.8
7539	9.9	190047.4	-5711.9	7629	9.8	191602.4	-5715.5	7719	9.9	193327.7	-5741.3	7809	11.0	194706.1	-5729.9
7540	9.9	190047.9	-5700.3	7630	11.0	191608.7	-5728.5	7720	11.3	193352.8	-5728.2	7810	9.8	194723.8	-5754.9
7541	9.6	190053.2	-5727.4	7631	7.7	191608.7	-5709.9	7721	9.7	193353.6	-5731.3	7811	10.5	194725.3	-5750.9
7542	10.8	190100.7	-5753.1	7632	10.0	191638.7	-5703.6	7722	10.5	193359.8	-5706.6	7812	10.3	194727.8	-5757.9
7543	10.0	190110.4	-5704.9	7633	9.4	191646.4	-5700.0	7723	9.4	193402.3	-5758.3	7813	8.3	194735.0	-5704.6
7544	9.9	190136.5	-5718.0	7634	10.5	191656.9	-5730.5	7724	10.5	193417.6	-5748.3	7814	11.0	194743.5	-5731.9
7545	10.0	190202.0	-5713.0	7635	11.0	191704.1	-5743.5	7725	8.5	193419.8	-5720.7	7815	9.0	194806.9	-5745.0
7546	9.7	190204.0	-5732.1	7636	11.5	191752.4	-5702.9	7726	11.0	193431.8	-5730.3	7816	11.0	194835.6	-5724.9
7547	10.3	190222.0	-5747.1	7637	10.3	191812.8	-5745.5	7727	11.0	193521.5	-5702.6	7817	11.3	194840.7	-5700.9
7548	10.5	190228.7	-5728.1	7638	9.3	191819.7	-5745.5	7728	8.0	193530.9	-5750.3	7818	10.0	194842.3	-5747.0
7549	10.0	190232.0	-5712.0	7639	9.6	191847.0	-5708.2	7729	10.5	193531.6	-5745.3	7819	10.5	194847.4	-5757.0
7550	10.8	190259.1	-5757.1	7640	9.6	191856.8	-5746.5	7730	10.8	193545.2	-5702.5	7820	8.3	194849.2	-5747.0
7551	10.5	190310.8	-5746.1	7641	11.0	191910.3	-5748.5	7731	11.0	193556.1	-5727.3	7821	10.5	194906.8	-5717.9
7552	8.4	190321.4	-5750.1	7642	11.0	191915.4	-5701.9	7732	10.5	193558.6	-5701.5	7822	10.3	194909.8	-5749.0
7553	10.0	190324.0	-5720.0	7643	10.0	191930.3	-5722.0	7733	10.8	193607.9	-5730.3	7823	9.9	194911.6	-5706.7
7554	10.0	190325.7	-5726.6	7644	9.8	191946.5	-5727.8	7734	10.8	193608.2	-5709.7	7824	9.9	194919.5	-5723.9
7555	11.0	190328.8	-5751.1	7645	9.3	192039.5	-5738.6	7735	9.9	193617.3	-5728.3	7825	10.5	194921.5	-5717.9
7556	9.9	190332.0	-5720.8	7646	9.7	192044.5	-5724.8	7736	11.0	193628.0	-5708.6	7826	8.8	194932.0	-5711.9
7557	10.0	190426.7	-5727.8	7647	11.0	192044.8	-5744.6	7737	10.8	193629.6	-5734.4	7827	10.5	194944.7	-5717.6
7558	9.9	190436.8	-5706.1	7648	9.9	192058.8	-5728.8	7738	9.5	193642.3	-5704.8	7828	11.0	194955.7	-5709.9
7559	10.8	190456.3	-5756.2	7649	9.4	192103.4	-5725.8	7739	10.8	193643.6	-5727.4	7829	9.3	195020.6	-5709.5
7560	10.5	190518.2	-5747.2	7650	10.5	192103.9	-5740.6	7740	10.3	193645.8	-5725.0	7830	9.4	195027.0	-5710.7
7561	11.0	190553.9	-5735.2	7651	10.8	192117.4	-5758.6	7741	10.3	193657.6	-5745.4	7831	11.0	195029.1	-5703.9
7562	9.4	190609.6	-5723.1	7652	9.5	192119.7	-5722.0	7742	10.5	193700.6	-5748.4	7832	9.4	195042.4	-5726.1
7563	9.8	190610.4	-5733.2	7653	10.5	192119.9	-5708.0	7743	9.5	193703.5	-5737.4	7833	10.3	195103.2	-5715.0
7564	10.3	190617.3	-5747.2	7654	10.8	192121.6	-5734.6	7744	11.0	193709.3	-5710.5	7834	9.0	195109.9	-5744.1
7565	9.8	190619.6	-5702.0	7655	10.5	192130.4	-5746.6	7745	10.5	193711.3	-5750.4	7835	10.8	195113.7	-5711.0
7566	10.0	190622.6	-5705.1	7656	11.0	192130.4	-5735.6	7746	11.0	193740.4	-5744.4	7836	10.5	195140.5	-5732.1
7567	10.0	190627.4	-5732.2	7657	11.0	192135.1	-5735.7	7747	10.8	193804.1	-5754.4	7837	10.3	195144.0	-5704.0
7568	10.8	190632.7	-5751.2	7658	11.3	192150.2	-5700.0	7748	9.4	193805.2	-5739.4	7838	10.5	195159.1	-5756.1
7569	11.0	190636.7	-5758.2	7659	9.4	192208.4	-5755.7	7749	9.6	193819.2	-5743.4	7839	10.8	195204.8	-5758.1
7570	10.8	190650.7	-5745.2	7660	10.3	192210.5	-5742.7	7750	10.3	193829.8	-5712.6	7840	10.8	195221.6	-5717.8
7571	10.5	190702.9	-5744.2	7661	8.4	192223.5	-5752.7	7751	9.7	193833.6	-5721.6	7841	9.9	195229.5	-5715.1
7572	10.0	190744.3	-5720.2	7662	10.8	192237.9	-5748.7	7752	11.0	193840.8	-5747.5	7842	10.3	195253.8	-5731.1
7573	10.8	190747.2	-5750.2	7663	10.5	192249.4	-5747.7	7753	10.8	193857.0	-5758.5	7843	10.3	195256.8	-5727.1
7574	10.0	190747.8	-5713.2	7664	10.8	192332.4	-5730.4	7754	10.5	193858.3	-5748.5	7844	9.8	195257.5	-5704.6

7845	11.0	195302.4	-5702.0	7935	9.7	200912.8	-5727.5	8025	10.0	202610.8	-5727.1
7846	9.2	195321.8	-5703.3	7936	9.6	200916.9	-5752.5	8026	10.5	202629.4	-5759.8
7847	10.8	195335.1	-5757.2	7937	10.3	200921.0	-5730.5	8027	10.3	202647.2	-5749.8
7848	10.5	195342.3	-5750.2	7938	9.5	200924.4	-5759.5	8028	9.7	202656.7	-5744.8
7849	8.8	195354.0	-5709.1	7939	10.3	200930.9	-5756.5	8029	11.0	202658.8	-5727.5
7850	9.6	195410.4	-5737.2	7940	11.0	200956.9	-5756.5	8030	8.6	202658.8	-5710.4
7851	10.5	195419.8	-5757.3	7941	10.5	201006.3	-5715.6	8031	9.3	202715.3	-5737.8
7852	10.5	195442.7	-5756.3	7942	9.7	201011.0	-5729.0	8032	10.8	202719.8	-5714.0
7853	9.9	195453.0	-5728.7	7943	9.3	201018.7	-5725.0	8033	10.8	202736.6	-5759.8
7854	10.8	195511.0	-5716.0	7944	10.0	201042.9	-5758.5	8034	10.0	202753.5	-5700.2
7855	9.5	195517.9	-5736.3	7945	10.3	201052.6	-5707.6	8035	10.5	202813.8	-5731.8
7856	9.8	195519.6	-5724.0	7946	9.9	201054.7	-5752.6	8036	11.0	202823.5	-5756.8
7857	10.5	195519.9	-5745.4	7947	9.9	201057.7	-5747.6	8037	11.0	202845.7	-5744.8
7858	8.4	195529.5	-5758.0	7948	9.7	201100.0	-5756.6	8038	9.8	202853.2	-5731.8
7859	10.0	195532.0	-5735.4	7949	10.3	201101.4	-5743.6	8039	9.9	202907.8	-5720.0
7860	10.3	195535.8	-5728.8	7950	10.5	201130.9	-5706.5	8040	11.0	202925.2	-5733.8
7861	10.8	195537.6	-5721.3	7951	10.0	201156.3	-5705.9	8041	9.7	202928.2	-5732.8
7862	10.8	195607.0	-5709.0	7952	9.8	201219.4	-5726.5	8042	9.9	202929.8	-5722.2
7863	10.5	195626.8	-5730.4	7953	10.0	201232.9	-5740.6	8043	10.8	202943.7	-5736.8
7864	9.6	195630.8	-5731.4	7954	9.3	201303.1	-5732.6	8044	10.8	202951.7	-5730.8
7865	10.3	195650.9	-5733.7	7955	9.2	201317.7	-5729.9	8045	10.3	203007.2	-5728.6
7866	11.0	195655.5	-5750.7	7956	9.2	201322.6	-5731.1	8046	10.8	203012.5	-5751.8
7867	10.3	195656.8	-5731.7	7957	10.5	201339.1	-5751.6	8047	10.0	203023.7	-5701.2
7868	11.0	195716.9	-5703.2	7958	10.5	201349.8	-5702.7	8048	10.5	203024.8	-5700.3
7869	11.0	195722.0	-5730.2	7959	10.8	201357.0	-5731.6	8049	10.5	203031.3	-5718.8
7870	10.8	195728.0	-5747.7	7960	10.5	201401.5	-5722.7	8050	10.5	203053.5	-5733.9
7871	10.3	195729.8	-5722.2	7961	9.7	201415.5	-5734.6	8051	10.5	203054.8	-5700.2
7872	10.8	195733.6	-5750.7	7962	9.8	201429.5	-5744.7	8052	10.8	203125.0	-5718.7
7873	10.3	195749.5	-5718.2	7963	10.5	201446.1	-5702.6	8053	9.6	203133.8	-5727.0
7874	9.3	195753.8	-5701.2	7964	10.5	201502.3	-5737.7	8054	9.6	203142.1	-5724.0
7875	10.5	195813.9	-5719.0	7965	11.0	201503.5	-5754.7	8055	10.0	203202.0	-5742.9
7876	10.8	195822.3	-5732.7	7966	10.8	201510.6	-5727.7	8056	11.5	203216.6	-5705.2
7877	10.3	195827.6	-5753.7	7967	9.7	201541.6	-5732.7	8057	10.5	203222.6	-5730.2
7878	9.8	195833.9	-5739.7	7968	2.0	201544.6	-5707.8	8058	8.6	203229.6	-5714.3
7879	10.5	195839.5	-5744.7	7969	10.8	201545.6	-5733.7	8059	9.6	203259.3	-5709.5
7880	11.0	195855.2	-5703.2	7970	9.7	201557.0	-5727.7	8060	10.0	203302.8	-5752.9
7881	10.5	195901.6	-5740.7	7971	9.4	201615.1	-5707.6	8061	10.0	203306.8	-5736.9
7882	10.5	195929.6	-5718.0	7972	9.4	201618.2	-5710.8	8062	9.4	203312.1	-5746.9
7883	10.8	195934.7	-5700.3	7973	11.0	201703.8	-5706.8	8063	11.5	203314.2	-5721.2
7884	10.8	195942.5	-5757.7	7974	9.4	201711.7	-5732.7	8064	10.8	203320.0	-5753.9
7885	10.5	200002.0	-5730.7	7975	10.8	201716.5	-5716.7	8065	11.0	203323.8	-5734.9
7886	10.3	200029.1	-5749.7	7976	10.3	201726.3	-5747.7	8066	9.8	203324.0	-5715.2
7887	10.5	200049.5	-5710.3	7977	9.7	201750.8	-5706.0	8067	10.8	203334.2	-5700.2
7888	6.8	200057.5	-5752.7	7978	10.8	201755.1	-5756.7	8068	10.8	203340.5	-5758.9
7889	10.5	200050.5	-5733.7	7979	10.0	201802.8	-5713.9	8069	10.8	203358.7	-5739.9
7890	10.0	200110.4	-5753.7	7980	9.7	201818.0	-5753.7	8070	10.5	203406.5	-5745.9
7891	10.5	200123.9	-5752.7	7981	11.0	201826.8	-5726.7	8071	11.5	203415.7	-5702.3
7892	10.5	200128.0	-5732.7	7982	10.8	201846.3	-5714.9	8072	10.3	203422.8	-5756.9
7893	10.8	200138.2	-5732.7	7983	10.5	201852.1	-5756.7	8073	10.3	203426.8	-5734.9
7894	11.0	200141.5	-5717.3	7984	10.5	201853.3	-5712.0	8074	11.0	203431.1	-5718.3
7895	11.0	200155.6	-5707.3	7985	10.0	201903.8	-5726.8	8075	11.5	203440.4	-5721.3
7896	9.8	200211.2	-5718.3	7986	8.3	201914.7	-5734.7	8076	10.8	203513.5	-5713.3
7897	10.0	200226.6	-5743.7	7987	10.0	201917.0	-5748.7	8077	11.0	203515.2	-5718.3
7898	10.0	200236.8	-5751.7	7988	9.9	201924.1	-5731.7	8078	10.8	203515.2	-5714.3
7899	8.4	200255.7	-5713.0	7989	11.0	201938.8	-5700.1	8079	10.8	203529.7	-5717.3
7900	8.3	200259.8	-5750.7	7990	9.9	201941.5	-5731.7	8080	8.1	203606.0	-5724.0
7901	11.0	200304.3	-5742.7	7991	10.5	201942.2	-5714.8	8081	11.0	203617.5	-5758.9
7902	11.0	200304.9	-5714.4	7992	10.5	202008.6	-5753.7	8082	10.5	203627.0	-5726.6
7903	9.5	200315.5	-5748.7	7993	9.8	202021.2	-5713.9	8083	10.3	203628.0	-5725.6
7904	9.5	200316.3	-5750.7	7994	10.8	202024.4	-5702.1	8084	10.5	203634.1	-5724.3
7905	9.7	200332.2	-5748.7	7995	11.0	202108.3	-5735.7	8085	9.9	203647.5	-5730.1
7906	10.8	200356.8	-5717.4	7996	11.5	202110.7	-5723.1	8086	10.5	203658.0	-5728.6
7907	9.5	200400.6	-5737.5	7997	10.8	202112.4	-5722.1	8087	10.8	203722.7	-5739.9
7908	10.0	200402.0	-5721.2	7998	10.5	202124.7	-5754.7	8088	10.8	203723.8	-5749.9
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7910	9.7	200452.0	-5704.4	8000	11.0	202135.3	-5747.7	8090	10.5	203758.3	-5723.3
7911	7.6	200453.3	-5720.6	8001	9.7	202138.5	-5725.0	8091	11.0	203819.9	-5706.4
7912	8.4	200505.4	-5712.4	8002	10.5	202142.9	-5752.7	8092	10.3	203823.3	-5704.4
7913	9.7	200509.2	-5742.5	8003	10.8	202143.7	-5713.6	8093	10.5	203826.8	-5722.4
7914	9.6	200533.3	-5754.5	8004	9.5	202148.5	-5754.7	8094	10.5	203833.8	-5743.9
7915	10.8	200534.1	-5748.5	8005	11.0	202226.5	-5738.8	8095	10.5	203835.7	-5744.9
7916	10.8	200541.4	-5756.5	8006	10.3	202233.2	-5727.6	8096	10.0	203931.9	-5747.0
7917	9.5	200542.4	-5708.8	8007	9.1	202247.0	-5754.8	8097	10.8	203947.3	-5701.6
7918	11.5	200550.0	-5757.5	8008	9.3	202247.4	-5724.1	8098	10.3	203953.2	-5742.0
7919	9.6	200602.9	-5743.6	8009	9.2	202248.6	-5701.6	8099	10.8	203956.2	-5727.2
7920	10.8	200611.5	-5707.6	8010	11.0	202303.1	-5713.1	8100	9.8	203958.9	-5702.4
7921	10.5	200617.5	-5705.5	8011	10.5	202320.6	-5743.8	8101	10.8	204009.0	-5730.5
7922	10.5	200624.2	-5701.5	8012	10.8	202321.4	-5729.8	8102	10.8	204042.0	-5739.0
7923	10.8	200628.5	-5759.5	8013	10.8	202340.8	-5710.1	8103	10.5	204045.8	-5724.4
7924	9.6	200635.7	-5712.5	8014	11.0	202355.0	-5701.1	8104	11.5	204047.4	-5702.4
7925	11.4	200703.0	-5700.5	8015	9.4	202422.4	-5715.2	8105	11.0	204049.2	-5722.4
7926	9.4	200707.3	-5713.5	8016	11.0	202435.4	-5724.8	8106	11.3	204057.3	-5700.4
7927	10.3	200712.0	-5715.3	8017	11.0	202441.7	-5726.8	8107	8.1	204109.7	-5749.0
7928	11.0	200747.0	-5715.5	8018	10.8	202545.4	-5747.8	8108	9.8	204110.4	-5752.0
7929	10.3	200754.7	-5736.5	8019	10.5	202546.0	-5727.1	8109	11.0	204133.0	-5740.0
7930	11.0	200824.8	-5737.5	8020	9.8	202548.2	-5701.4	8110	10.8	204136.1	-5734.0
7931	11.0	200832.1	-5717.6	8021	10.0	202558.2	-5746.8	8111	8.9	204137.9	-5755.0
7932	9.6	200840.4	-5733.5	8022	9.9	202603.9	-5753.8	8112	10.5	204146.8	-5744.0
7933	9.7	200853.3	-5720.8	8023	10.0	202607.2	-5734.8	8113	10.5	204153.5	-5711.4
7934	10.8	200856.0	-5730.5	8024	11.5	202609.6	-5715.2	8114	10.5	204159.0	-5745.0
8115	10.5	204219.3	-5728.7								
8116	10.8	204223.4	-5722.4								
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8118	10.5	204228.3	-5741.0								
8119	8.5	204309.0	-5711.2								
8120	10.8	204312.2	-5734.0								
8121	10.5	204331.2	-5757.0								
8122	10.8	204340.0	-5717.8								
8123	10.3	204356.8	-5728.4								
8124	10.3	204405.5	-5751.0								
8125	10.5	204419.7	-5728.9								
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8127	11.0	204430.2	-5714.8								
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8129	8.7	204452.4	-5706.6								
8130	10.8	204454.2	-5727.0								
8131	11.0	204505.9	-5752.0								
8132	10.8	204507.1	-5745.0								
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8137	10.8	204555.1	-5727.9								
8138	9.1	204601.0	-5712.8								
8139	10.8	204601.3	-5722.8								
8140	10.3	204628.2	-5747.0								
8141	10.3	204630.4	-5728.9								
8142	9.3	204633.3	-5710.6								
8143	10.5	204634.0	-5735.0								
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8145	10.5	204711.2	-5729.0								
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8147	10.0	204736.3	-5752.1								
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8150	10.3	204755.2	-5759.1								
8151	11.0	204801.9	-5735.1								
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8154	9.3	204829.9	-5717.9								
8155	10.8	204839.4	-5701.9								
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8160	11.0	205017.5	-5705.9								
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8162	11.5	205045.2	-5710.9								
8163	10.0	205052.5	-5736.1								
8164	11.0	205055.9	-5758.1								
8165	11.3	205108.3	-5719.9								
8166	10.5	205119.6	-5730.5								
8167	11.5	205143.7	-5704.9								
8168	10.0	205146.7	-5751.1								
8169	10.5	205226.1	-5732.1								
8170	10.0	205234.9	-5745.1								
8171	10.3	205241.4	-5746.1								
8172	11.5	205243.7	-5704.9								
8173	11.3	205246.1	-5709.9								
8174	10.0	205246.6	-5741.1								
8175	11.5	205314.4	-5704.9								
8176	11.0	205343.5	-5702.9								
8177	10.8	205350.6	-5740.1								
8178	10.5	205356.2	-5735.1								
8179	10.5	205409.4	-5739.1								
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8190	10.8	205543.5	-5758.2								
8191	10.8	205608.0	-5754.2								
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8193	8.4	205620.7	-5720.9								
8194	8.3	205634.3	-5737.2								
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8197	11.0	205743.8	-5712.9								
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8200	10.5	205814.2	-5710.9								
8201	9.8	205821.3	-5731.7								
8202	10.5	205823.1	-5754.2								
8203	7.9	205830.4	-5707.9								
8204	10.3	205849.9	-5743.2								

8205	11.0	205908.5	-5723.9	8295	9.4	211846.1	-5739.0	8385	9.3	213632.5	-5745.9
8206	9.5	205921.3	-5716.9	8296	11.0	211851.3	-5722.3	8386	9.8	213642.3	-5741.9
8207	11.5	205930.7	-5727.9	8297	9.2	211853.3	-5711.3	8387	10.8	213652.3	-5757.9
8208	9.6	205931.2	-5740.2	8298	10.5	211900.8	-5727.2	8388	10.5	213709.2	-5744.9
8209	11.3	205932.4	-5717.9	8299	11.0	211903.1	-5752.0	8389	9.5	213716.8	-5727.2
8210	11.0	205956.0	-5716.0	8300	9.5	211910.1	-5736.0	8390	10.0	213718.3	-5702.1
8211	9.2	210000.6	-5700.6	8301	10.8	211919.8	-5734.0	8391	9.2	213759.8	-5702.0
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8213	9.8	210034.9	-5731.6	8303	10.8	211932.6	-5710.3	8393	9.8	213825.6	-5708.5
8214	10.5	210038.3	-5742.2	8304	10.5	211933.6	-5737.0	8394	9.6	213844.4	-5709.2
8215	11.3	210045.1	-5718.0	8305	10.8	212008.2	-5728.2	8395	9.9	213854.4	-5716.1
8216	10.5	210051.6	-5755.2	8306	9.5	212026.0	-5754.1	8396	10.5	213916.3	-5751.0
8217	11.0	210117.5	-5730.2	8307	10.5	212038.2	-5749.1	8397	11.0	213922.4	-5759.0
8218	9.6	210136.9	-5748.2	8308	10.8	212046.4	-5704.8	8398	10.3	213935.6	-5750.0
8219	10.0	210144.4	-5733.2	8309	11.0	212051.6	-5716.3	8399	10.0	213942.8	-5717.2
8220	11.3	210157.7	-5724.0	8310	10.8	212055.5	-5723.1	8400	9.4	214008.4	-5733.0
8221	10.5	210158.0	-5747.2	8311	10.5	212129.7	-5700.8	8401	10.5	214030.6	-5711.2
8222	11.0	210203.0	-5733.2	8312	8.7	212136.3	-5724.6	8402	10.5	214037.4	-5710.3
8223	10.3	210209.0	-5755.2	8313	11.0	212140.2	-5753.1	8403	11.0	214040.8	-5744.0
8224	7.1	210215.1	-5701.2	8314	11.0	212146.2	-5710.2	8404	10.0	214049.0	-5734.0
8225	11.0	210224.1	-5717.0	8315	8.2	212155.6	-5725.8	8405	9.9	214054.4	-5721.2
8226	10.5	210231.0	-5722.0	8316	11.0	212157.2	-5718.4	8406	10.0	214123.8	-5706.0
8227	8.5	210256.3	-5743.2	8317	10.0	212159.6	-5741.1	8407	9.4	214150.7	-5722.0
8228	9.9	210312.0	-5723.8	8318	8.4	212200.6	-5729.6	8408	9.8	214158.9	-5731.0
8229	10.3	210326.4	-5701.0	8319	10.3	212201.1	-5759.1	8409	10.0	214207.7	-5710.0
8230	10.8	210332.4	-5726.0	8320	11.3	212246.2	-5719.4	8410	9.5	214210.2	-5739.0
8231	10.5	210401.0	-5727.4	8321	10.8	212254.2	-5732.1	8411	10.5	214217.8	-5729.0
8232	10.8	210406.6	-5738.8	8322	9.0	212306.2	-5751.1	8412	10.5	214240.8	-5718.0
8233	9.6	210407.6	-5719.0	8323	9.7	212318.5	-5706.2	8413	9.2	214243.3	-5736.0
8234	10.5	210427.2	-5717.0	8324	11.0	212321.2	-5715.4	8414	11.0	214249.0	-5717.2
8235	10.0	210450.8	-5757.8	8325	10.5	212343.4	-5754.1	8415	10.0	214309.0	-5725.2
8236	10.0	210450.8	-5756.8	8326	9.6	212408.6	-5749.1	8416	11.0	214310.2	-5716.8
8237	10.8	210501.0	-5753.8	8327	10.3	212410.2	-5745.1	8417	9.9	214337.7	-5722.3
8238	11.0	210506.0	-5735.8	8328	10.5	212411.1	-5756.1	8418	10.5	214346.1	-5714.3
8239	11.8	210513.3	-5722.1	8329	11.0	212429.6	-5733.1	8419	10.5	214351.7	-5727.1
8240	11.8	210600.5	-5720.1	8330	8.2	212434.1	-5737.1	8420	7.6	214401.4	-5755.1
8241	9.3	210603.3	-5704.2	8331	11.0	212514.4	-5759.2	8421	8.4	214409.2	-5713.3
8242	10.3	210633.0	-5726.0	8332	10.5	212533.1	-5738.2	8422	10.8	214410.7	-5754.1
8243	11.0	210656.8	-5733.8	8333	10.5	212538.5	-5712.8	8423	10.0	214425.3	-5727.7
8244	9.7	210711.5	-5719.2	8334	10.5	212549.3	-5746.2	8424	10.3	214502.6	-5708.3
8245	10.8	210724.1	-5744.8	8335	9.6	212559.3	-5748.2	8425	9.9	214504.8	-5728.2
8246	9.8	210749.5	-5712.2	8336	10.5	212606.7	-5747.2	8426	10.5	214539.6	-5706.3
8247	10.8	210751.9	-5748.8	8337	9.8	212612.4	-5756.2	8427	10.5	214541.0	-5739.1
8248	10.5	210802.8	-5708.2	8338	11.0	212618.4	-5721.0	8428	10.5	214554.5	-5747.1
8249	11.0	210815.9	-5708.2	8339	10.0	212618.7	-5737.2	8429	9.9	214555.7	-5756.1
8250	11.5	210906.9	-5705.2	8340	10.3	212637.0	-5743.2	8430	10.5	214604.9	-5717.1
8251	8.6	210915.4	-5713.8	8341	10.0	212638.4	-5710.5	8431	9.2	214609.2	-5740.1
8252	8.7	210919.8	-5705.2	8342	9.3	212638.9	-5709.6	8432	10.0	214639.0	-5700.3
8253	9.5	210928.1	-5732.8	8343	8.5	212643.7	-5742.2	8433	10.5	214643.1	-5720.8
8254	11.0	210929.7	-5734.8	8344	10.8	212712.5	-5705.5	8434	11.0	214647.1	-5755.2
8255	10.8	210953.5	-5731.8	8345	11.0	212721.2	-5720.0	8435	10.3	214659.1	-5715.8
8256	10.8	210955.5	-5751.8	8346	11.0	212721.2	-5708.0	8436	11.0	214703.8	-5735.2
8257	10.5	210956.8	-5736.8	8347	10.8	212730.5	-5737.2	8437	9.5	214704.6	-5758.2
8258	10.0	210957.1	-5722.2	8348	11.0	212754.2	-5720.0	8438	9.8	214705.3	-5704.3
8259	10.8	211000.9	-5723.2	8349	9.9	212829.5	-5709.0	8439	10.5	214710.3	-5751.2
8260	10.5	211008.5	-5738.8	8350	10.8	212832.0	-5702.0	8440	10.5	214715.3	-5725.2
8261	10.3	211019.1	-5744.8	8351	9.7	212851.9	-5757.2	8441	10.8	214728.2	-5736.2
8262	10.5	211051.8	-5712.2	8352	10.5	212851.9	-5703.0	8442	10.5	214733.8	-5739.2
8263	10.8	211053.5	-5706.7	8353	10.0	212859.0	-5716.3	8443	10.0	214743.0	-5730.3
8264	11.3	211055.8	-5702.2	8354	9.6	212912.1	-5754.2	8444	9.9	214749.5	-5709.1
8265	9.5	211134.0	-5750.9	8355	11.3	212931.0	-5717.8	8445	10.0	214754.1	-5750.2
8266	8.7	211157.2	-5709.2	8356	9.5	212951.5	-5738.3	8446	11.0	214822.4	-5753.3
8267	9.8	211218.3	-5722.4	8357	9.5	212956.9	-5717.0	8447	11.0	214851.0	-5708.3
8268	11.0	211225.3	-5712.2	8358	9.6	213036.2	-5759.3	8448	9.2	214909.3	-5701.5
8269	10.8	211231.2	-5722.2	8359	10.0	213037.7	-5748.3	8449	10.5	214919.8	-5722.3
8270	11.0	211248.1	-5731.9	8360	10.8	213039.2	-5744.3	8450	7.5	214927.2	-5718.3
8271	11.0	211251.5	-5755.9	8361	10.3	213040.8	-5726.4	8451	9.5	214931.0	-5749.3
8272	9.4	211257.7	-5737.9	8362	9.5	213109.3	-5733.3	8452	10.0	214934.8	-5740.3
8273	11.0	211301.7	-5732.9	8363	9.5	213110.4	-5747.3	8453	11.0	214937.3	-5717.3
8274	9.5	211342.2	-5755.9	8364	11.3	213111.2	-5711.0	8454	10.5	215037.0	-5731.7
8275	10.8	211344.4	-5745.9	8365	10.8	213119.2	-5729.6	8455	11.0	215046.3	-5743.3
8276	11.0	211350.0	-5704.2	8366	11.0	213128.8	-5726.3	8456	10.8	215049.0	-5705.4
8277	9.8	211351.1	-5720.2	8367	9.0	213128.9	-5716.8	8457	10.5	215134.9	-5709.4
8278	11.0	211416.3	-5751.9	8368	9.8	213132.4	-5714.6	8458	10.5	215218.4	-5711.0
8279	11.0	211421.4	-5748.9	8369	11.3	213132.4	-5756.3	8459	8.4	215218.9	-5704.2
8280	10.8	211423.1	-5745.9	8370	10.8	213136.7	-5753.3	8460	10.5	215300.6	-5724.2
8281	9.6	211428.9	-5705.2	8371	9.9	213152.6	-5702.0	8461	10.5	215315.2	-5745.3
8282	10.8	211439.1	-5707.3	8372	10.3	213158.5	-5720.0	8462	11.0	215323.0	-5730.3
8283	9.8	211439.8	-5717.3	8373	9.8	213314.6	-5727.3	8463	9.7	215333.9	-5752.3
8284	9.7	211528.9	-5722.8	8374	10.5	213340.2	-5754.3	8464	4.9	215346.1	-5717.8
8285	7.0	211532.6	-5747.0	8375	9.2	213342.4	-5721.6	8465	10.5	215347.6	-5751.3
8286	11.0	211553.7	-5751.0	8376	9.7	213415.8	-5714.0	8466	9.4	215348.3	-5753.3
8287	11.0	211620.4	-5716.3	8377	10.3	213440.8	-5703.0	8467	9.7	215402.6	-5711.2
8288	10.8	211638.0	-5729.0	8378	10.5	213443.2	-5717.0	8468	10.3	215412.7	-5706.2
8289	10.4	211640.7	-5754.0	8379	7.3	213450.4	-5756.3	8469	9.3	215413.7	-5751.3
8290	9.8	211701.8	-5729.0	8380	6.5	213504.5	-5753.3	8470	10.5	215430.8	-5727.3
8291	9.4	211703.2	-5729.3	8381	7.5	213506.8	-5751.3	8471	9.6	215506.0	-5707.4
8292	11.0	211825.8	-5710.3	8382	9.6	213547.2	-5736.9	8472	10.8	215526.1	-5739.3
8293	11.0	211829.3	-5726.5	8383	11.0	213549.3	-5703.2	8473	9.3	215546.8	-5746.3
8294	9.8	211831.1	-5723.3	8384	9.5	213556.6	-5758.9	8474	11.0	215554.3	-5743.3

-57 8565 22h21m

-57 8924 23h53m

8565	10.5	222119.0	-5730.0	8655	7.6	224323.1	-5707.5	8745	9.5	230457.6	-5733.3
8566	10.3	222120.6	-5734.0	8656	11.0	224326.6	-5714.5	8746	10.8	230510.0	-5745.3
8567	10.5	222133.5	-5748.0	8657	10.0	224345.1	-5705.5	8747	8.7	230512.8	-5744.3
8568	10.3	222219.1	-5709.0	8658	9.3	224346.0	-5749.6	8748	10.8	230530.0	-5704.6
8569	10.8	222225.8	-5751.1	8659	9.7	224356.4	-5709.5	8749	10.5	230548.2	-5747.3
8570	9.7	222246.2	-5731.1	8660	9.5	224356.6	-5742.6	8750	11.0	230551.3	-5755.3
8571	11.0	222251.2	-5743.1	8661	9.8	224401.8	-5740.6	8751	10.8	230559.3	-5734.3
8572	11.0	222252.5	-5736.1	8662	10.0	224449.0	-5747.6	8752	10.5	230602.3	-5736.3
8573	10.8	222313.9	-5759.1	8663	10.3	224449.7	-5741.6	8753	9.1	230603.9	-5748.3
8574	9.3	222330.3	-5758.1	8664	10.8	224510.8	-5744.6	8754	10.3	230638.9	-5746.3
8575	10.8	222338.6	-5733.1	8665	10.5	224517.5	-5747.6	8755	10.8	230640.5	-5706.6
8576	11.5	222353.8	-5703.0	8666	10.0	224531.1	-5707.5	8756	11.0	230652.4	-5727.6
8577	10.5	222433.9	-5733.1	8667	10.5	224541.7	-5748.6	8757	7.8	230708.5	-5755.3
8578	9.5	222455.0	-5757.1	8668	11.0	224546.7	-5713.5	8758	9.2	230713.3	-5751.3
8579	10.8	222524.7	-5732.0	8669	11.5	224549.1	-5712.5	8759	10.0	230739.4	-5754.3
8580	11.0	222553.3	-5733.1	8670	9.9	224552.9	-5752.6	8760	10.8	230741.3	-5757.3
8581	11.0	222559.0	-5711.1	8671	9.5	224616.2	-5731.6	8761	7.8	230747.4	-5725.0
8582	11.0	222620.2	-5731.1	8672	11.0	224638.8	-5706.6	8762	6.5	230804.6	-5722.6
8583	9.7	222626.2	-5723.1	8673	10.8	224705.9	-5742.7	8763	10.5	230825.3	-5700.6
8584	10.3	222632.2	-5708.1	8674	11.0	224729.8	-5716.6	8764	11.0	230840.3	-5750.3
8585	10.5	222648.1	-5704.1	8675	11.0	224758.9	-5701.6	8765	11.3	230844.3	-5754.3
8586	11.0	222726.5	-5753.2	8676	11.0	224805.4	-5751.7	8766	9.0	230852.0	-5704.6
8587	11.0	222734.7	-5729.6	8677	11.0	224816.7	-5736.7	8767	10.8	230931.4	-5709.6
8588	10.8	222743.6	-5733.2	8678	10.5	224854.9	-5732.7	8768	10.8	230959.2	-5749.3
8589	10.0	222756.2	-5741.9	8679	11.0	224922.6	-5706.6	8769	10.5	231016.5	-5729.3
8590	11.0	222802.0	-5749.2	8680	10.8	224936.0	-5755.8	8770	10.8	231019.1	-5751.3
8591	10.0	222809.8	-5750.2	8681	7.0	224943.6	-5733.2	8771	10.5	231046.7	-5744.3
8592	10.5	222816.9	-5714.1	8682	11.0	224944.7	-5748.8	8772	9.3	231053.8	-5735.3
8593	11.0	222829.3	-5755.2	8683	10.0	224948.2	-5726.4	8773	10.5	231132.5	-5707.6
8594	10.5	222856.0	-5718.1	8684	9.9	225029.0	-5725.4	8774	10.5	231149.6	-5712.6
8595	9.7	222930.0	-5708.1	8685	10.5	225041.6	-5740.2	8775	11.0	231205.2	-5729.3
8596	11.0	223003.4	-5714.2	8686	10.5	225113.5	-5705.7	8776	9.1	231240.2	-5739.3
8597	11.0	223007.5	-5748.2	8687	8.2	225114.0	-5726.4	8777	10.8	231300.8	-5733.4
8598	10.5	223007.7	-5722.2	8688	8.7	225138.2	-5759.2	8778	9.6	231304.7	-5705.6
8599	9.1	223036.2	-5709.2	8689	10.5	225207.4	-5757.2	8779	9.4	231327.2	-5702.6
8600	9.7	223111.0	-5704.2	8690	8.7	225230.6	-5720.7	8780	9.2	231339.0	-5729.5
8601	9.7	223121.8	-5739.9	8691	10.8	225241.6	-5707.7	8781	10.8	231423.7	-5726.0
8602	10.5	223154.5	-5704.2	8692	9.9	225244.5	-5751.2	8782	11.0	231430.7	-5705.6
8603	10.0	223205.4	-5725.5	8693	8.6	225319.6	-5749.2	8783	11.0	231431.8	-5749.4
8604	10.0	223207.3	-5733.6	8694	9.6	225339.3	-5718.7	8784	9.5	231435.6	-5753.4
8605	9.3	223228.3	-5715.2	8695	10.8	225349.5	-5716.7	8785	10.3	231506.7	-5738.4
8606	11.3	223234.1	-5728.3	8696	10.8	225359.6	-5729.4	8786	11.0	231510.5	-5740.4
8607	11.0	223241.7	-5741.3	8697	8.2	225402.4	-5758.2	8787	8.8	231529.2	-5751.4
8608	9.3	223252.4	-5744.3	8698	10.3	225406.4	-5709.7	8788	10.8	231542.7	-5702.6
8609	9.5	223304.9	-5712.2	8699	11.0	225423.9	-5743.2	8789	8.6	231611.6	-5711.6
8610	7.5	223319.5	-5740.0	8700	11.5	225526.1	-5749.2	8790	10.8	231614.7	-5731.4
8611	9.1	223338.2	-5731.3	8701	10.5	225526.2	-5727.0	8791	10.5	231635.3	-5752.4
8612	11.0	223352.6	-5731.3	8702	10.5	225538.7	-5731.5	8792	10.3	231647.2	-5705.6
8613	10.8	223410.0	-5734.3	8703	11.0	225539.1	-5750.2	8793	10.0	231709.6	-5716.6
8614	8.6	223412.5	-5741.3	8704	10.8	225543.8	-5726.8	8794	9.9	231710.6	-5751.4
8615	10.8	223425.4	-5741.4	8705	8.2	225545.8	-5731.0	8795	9.9	231722.1	-5714.6
8616	10.0	223434.1	-5749.4	8706	7.5	225601.8	-5710.8	8796	9.7	231746.2	-5756.4
8617	10.3	223443.8	-5704.3	8707	9.5	225604.4	-5746.2	8797	10.8	231747.7	-5704.6
8618	9.0	223446.8	-5701.3	8708	10.8	225621.0	-5734.2	8798	11.0	231749.1	-5716.6
8619	10.3	223522.5	-5724.3	8709	9.6	225637.5	-5739.2	8799	5.5	231810.7	-5732.5
8620	10.3	223528.1	-5711.3	8710	11.3	225638.8	-5718.8	8800	10.5	231812.0	-5745.4
8621	9.9	223533.0	-5722.5	8711	11.0	225647.2	-5723.8	8801	10.5	231934.9	-5755.4
8622	10.8	223534.0	-5746.4	8712	9.5	225652.9	-5701.8	8802	9.9	231838.3	-5750.4
8623	9.7	223557.4	-5726.4	8713	11.0	225701.4	-5735.2	8803	11.0	231848.1	-5725.4
8624	11.0	223603.8	-5740.4	8714	11.0	225726.8	-5755.2	8804	9.8	231900.2	-5753.4
8625	9.7	223651.4	-5741.4	8715	10.8	225736.8	-5727.5	8805	10.5	231906.1	-5731.4
8626	10.0	223653.8	-5741.5	8716	11.0	225808.6	-5728.9	8806	10.8	231939.9	-5732.4
8627	7.4	223659.1	-5728.8	8717	10.8	225814.1	-5744.2	8807	9.9	231949.4	-5714.6
8628	8.2	223707.5	-5744.4	8718	10.5	225815.1	-5745.2	8808	10.3	232045.1	-5752.4
8629	8.3	223709.1	-5721.3	8719	10.3	225834.8	-5701.9	8809	7.2	232108.4	-5706.6
8630	11.0	223737.3	-5755.4	8720	10.5	225908.2	-5722.9	8810	10.8	232123.1	-5756.4
8631	12.0	223738.3	-5756.4	8721	9.8	225921.7	-5730.6	8811	8.1	232146.3	-5734.4
8632	11.0	223742.1	-5751.4	8722	10.5	225926.9	-5717.9	8812	11.3	232206.0	-5754.4
8633	10.8	223752.7	-5725.8	8723	9.4	225929.8	-5712.9	8813	11.0	232207.5	-5704.6
8634	11.0	223837.6	-5704.4	8724	11.0	225944.7	-5744.2	8814	9.9	232212.9	-5709.6
8635	9.4	223838.9	-5711.4	8725	8.7	230020.7	-5739.3	8815	9.4	232239.3	-5758.4
8636	8.8	223848.7	-5714.4	8726	9.3	230038.6	-5748.3	8816	10.8	232252.0	-5704.6
8637	10.8	223900.4	-5725.4	8727	10.0	230056.3	-5746.3	8817	11.0	232304.7	-5759.4
8638	9.8	223952.4	-5702.4	8728	9.9	230059.0	-5730.3	8818	9.6	232327.2	-5749.4
8639	8.6	223955.0	-5747.5	8729	9.7	230114.1	-5749.3	8819	9.7	232417.0	-5707.6
8640	8.6	224001.5	-5744.5	8730	10.8	230131.2	-5751.3	8820	11.5	232437.7	-5749.4
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8642	10.5	224012.2	-5702.4	8732	10.3	230215.4	-5723.6	8822	7.5	232627.6	-5742.4
8643	9.1	224024.6	-5738.5	8733	11.0	230217.6	-5731.3	8823	7.6	232631.4	-5744.4
8644	11.0	224102.0	-5727.4	8734	10.8	230231.7	-5734.3	8824	8.6	232640.0	-5730.0
8645	11.0	224121.9	-5752.5	8735	10.8	230241.2	-5757.3	8825	9.8	232720.5	-5726.5
8646	10.0	224122.7	-5747.5	8736	10.8	230259.1	-5743.3	8826	6.5	232806.9	-5731.4
8647	9.4	224123.3	-5736.5	8737	10.5	230311.4	-5730.3	8827	11.0	232820.6	-5739.4
8648	9.8	224200.4	-5737.5	8738	10.8	230318.9	-5753.3	8828	9.4	232939.0	-5745.4
8649	10.8	224202.6	-5716.4	8739	9.7	230320.0	-5727.0	8829	10.8	232945.9	-5712.6
8650	10.5	224213.1	-5747.5	8740	10.3	230334.7	-5725.4	8830	9.3	232951.6	-5724.6
8651	10.5	224218.3	-5752.5	8741	9.5	230356.4	-5710.6	8831	10.5	233001.2	-5710.6
8652	8.8	224245.8	-5706.5	8742	8.2	230419.5	-5727.3	8832	7.7	233120.2	-5708.6
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8654	9.1	224312.1	-5750.6	8744	11.0	230434.0	-5724.6	8834	11.0	233208.6	-5723.6
8835	11.0	233211.6	-5703.6								
8836	10.8	233217.3	-5701.6								
8837	10.8	233228.1	-5724.6								
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8840	9.7	233248.2	-5741.5								
8841	9.1	233307.1	-5759.5								
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8844	10.8	233327.2	-5713.6								
8845	10.5	233356.9	-5756.5								
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8867	9.5	234011.3	-5711.6								
8868	11.3	234012.3	-5713.6								
8869	10.8	234017.0	-5734.5								
8870	10.8	234018.1	-5735.5								
8871	10.5	234018.9	-5739.5								
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8882	11.0	234214.4	-5745.5								
8883	11.0	234226.2	-5714.6								
8884	10.0	234236.5	-5740.5								
8885	8.5	234305.8	-5704.6								
8886	10.5	234307.1	-5750.5								
8887	10.5	234327.6	-5722.6								
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8915	10.3	235154.9	-5748.6								
8916	6.7	235201.4	-5759.6								
8917	9.3	235219.2	-5741.6								
8918	11.5	235225.2	-5721.6								
8919	7.0	235235.2	-5716.6								
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8923	11.0	235251.3	-5743.6								
8924	10.8	235347.6	-5750.6								

8925	10.5	235351.8	-5717.6	65	11.5	02158.1	-5834.5	155	9.9	04551.1	-5847.2	245	9.5	10739.9	-5801.6
8926	11.3	235353.2	-5744.6	66	11.5	02211.0	-5818.9	156	10.8	04610.3	-5852.2	246	10.8	10753.9	-5848.9
8927	10.0	235404.8	-5731.6	67	10.8	02218.1	-5852.5	157	11.3	04638.5	-5819.2	247	9.9	10804.7	-5857.9
8928	10.5	235418.1	-5719.6	68	9.7	02254.5	-5814.9	158	10.0	04642.2	-5826.2	248	9.9	10810.8	-5819.2
8929	10.5	235437.8	-5724.7	69	9.8	02309.7	-5839.5	159	10.5	04649.8	-5844.2	249	11.3	10842.9	-5825.9
8930	9.8	235520.6	-5756.7	70	11.0	02312.4	-5811.9	160	10.3	04652.2	-5828.2	250	11.5	10858.9	-5827.9
8931	9.0	235539.9	-5712.6	71	9.6	02418.7	-5817.9	161	10.5	04653.7	-5820.6	251	11.3	10906.2	-5838.9
8932	11.5	235551.3	-5700.6	72	9.9	02445.7	-5828.5	162	9.7	04658.1	-5855.2	252	10.5	10926.8	-5817.6
8933	9.3	235602.8	-5735.7	73	10.3	02511.7	-5832.5	163	10.5	04701.8	-5821.0	253	7.8	10938.9	-5802.6
8934	10.5	235607.5	-5739.7	74	10.8	02523.5	-5808.9	164	10.5	04715.1	-5854.2	254	11.0	10953.3	-5822.6
8935	11.8	235610.8	-5703.6	75	11.3	02529.8	-5813.9	165	11.0	04721.8	-5854.2	255	9.9	10955.5	-5818.9
8936	11.0	235613.7	-5718.6	76	10.5	02536.9	-5826.5	166	10.5	04748.5	-5821.6	256	11.5	10955.5	-5840.9
8937	9.4	235617.3	-5728.2	77	9.9	02624.9	-5813.9	167	10.8	04753.0	-5859.2	257	9.8	11003.9	-5807.6
8938	11.5	235636.8	-5744.7	78	10.8	02657.3	-5821.2	168	11.0	04806.7	-5831.2	258	8.0	11014.8	-5840.9
8939	11.0	235640.0	-5742.7	79	11.0	02704.7	-5802.9	169	9.4	04827.4	-5813.0	259	10.8	11031.3	-5803.6
8940	10.8	235658.0	-5741.7	80	10.3	02717.1	-5832.4	170	10.3	04847.4	-5819.2	260	11.0	11032.5	-5838.9
8941	10.3	235700.5	-5732.7	81	11.0	02738.4	-5812.9	171	7.1	04849.9	-5805.0	261	9.6	11043.6	-5851.9
8942	8.3	235714.3	-5751.7	82	10.3	02801.6	-5812.9	172	10.5	04857.9	-5821.0	262	11.0	11049.4	-5812.6
8943	9.7	235745.3	-5705.6	83	10.3	02811.5	-5818.9	173	10.3	04900.8	-5819.6	263	11.0	11134.9	-5858.9
8944	9.7	235753.5	-5740.7	84	7.5	02815.4	-5853.4	174	10.0	04909.6	-5845.2	264	11.3	11243.0	-5817.6
8945	7.8	235820.6	-5731.7	85	10.5	02821.7	-5817.9	175	9.8	05026.8	-5824.1	265	10.0	11306.4	-5823.9
8946	9.6	235849.6	-5723.6	86	10.5	02846.4	-5829.4	176	10.3	05030.8	-5825.9	266	10.0	11306.9	-5811.6
8947	11.3	235853.0	-5744.7	87	11.0	02849.4	-5852.4	177	11.0	05036.2	-5817.9	267	11.3	11313.2	-5823.6
8948	7.2	235859.3	-5739.7	88	9.2	02854.7	-5837.4	178	10.5	05043.8	-5850.1	268	10.0	11322.7	-5803.5
8949	11.3	235921.5	-5731.7	89	10.8	02902.7	-5836.4	179	8.5	05059.9	-5815.9	269	10.0	11349.6	-5833.9
8950	10.8	235925.1	-5742.7	90	9.8	02922.1	-5803.9	180	10.5	05109.9	-5805.9	270	11.0	11351.2	-5824.5
1	11.0	00017.6	-5835.8	91	10.5	02925.6	-5824.4	181	9.9	05112.8	-5842.1	271	10.0	11421.1	-5841.8
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3	10.0	00045.7	-5805.5	93	10.8	02938.6	-5809.9	183	11.0	05121.0	-5828.1	273	10.0	11435.5	-5822.8
4	10.8	00050.4	-5851.8	94	9.3	02950.0	-5815.9	184	9.7	05130.0	-5829.1	274	10.8	11444.4	-5855.8
5	10.3	00137.3	-5825.8	95	9.6	02952.8	-5839.4	185	10.8	05209.7	-5815.9	275	10.3	11449.8	-5850.8
6	8.6	00150.9	-5833.8	96	10.5	03032.1	-5855.4	186	10.0	05215.9	-5804.9	276	9.4	11452.6	-5856.8
7	10.5	00215.0	-5850.8	97	11.5	03036.9	-5823.4	187	9.7	05218.2	-5815.9	277	7.1	11501.2	-5800.5
8	10.5	00258.2	-5822.8	98	8.3	03043.2	-5854.4	188	11.0	05225.1	-5859.1	278	10.5	11506.1	-5855.8
9	10.5	00340.0	-5843.8	99	8.8	03047.0	-5820.2	189	9.5	05227.1	-5853.1	279	10.3	11508.0	-5820.5
10	8.5	00359.7	-5812.5	100	10.5	03127.7	-5836.4	190	10.8	05238.1	-5827.1	280	10.5	11546.1	-5853.8
11	9.8	00414.5	-5824.1	101	9.5	03155.9	-5831.4	191	7.7	05244.1	-5822.5	281	11.0	11621.7	-5807.5
12	8.2	00433.7	-5810.5	102	9.1	03214.4	-5844.4	192	10.3	05257.8	-5844.1	282	10.5	11635.0	-5831.8
13	10.5	00502.8	-5839.8	103	10.3	03221.0	-5818.9	193	9.6	05318.1	-5856.1	283	11.0	11636.6	-5824.8
14	10.8	00510.0	-5854.8	104	10.8	03228.1	-5843.4	194	9.7	05349.4	-5813.9	284	11.3	11647.7	-5818.5
15	10.3	00519.9	-5838.8	105	9.4	03238.5	-5848.4	195	9.8	05355.8	-5839.1	285	9.3	11701.2	-5837.8
16	9.0	00520.7	-5810.5	106	9.6	03247.7	-5837.4	196	9.8	05426.3	-5836.1	286	10.3	11755.3	-5841.8
17	10.3	00538.2	-5826.8	107	10.8	03305.1	-5800.9	197	9.0	05437.1	-5822.5	287	10.0	11758.5	-5825.8
18	10.0	00540.4	-5857.8	108	6.5	03328.5	-5839.4	198	9.8	05438.8	-5841.1	288	11.0	11812.7	-5858.8
19	9.4	00606.7	-5812.5	109	9.9	03330.9	-5821.4	199	9.0	05529.3	-5824.0	289	10.0	11823.7	-5832.8
20	10.3	00629.1	-5851.8	110	11.0	03332.3	-5827.4	200	10.5	05540.2	-5838.1	290	8.5	11827.4	-5808.5
21	7.5	00639.3	-5836.8	111	11.3	03338.8	-5821.9	201	10.8	05559.2	-5834.1	291	10.0	11829.2	-5827.8
22	9.7	00643.9	-5803.5	112	9.3	03347.9	-5832.4	202	10.0	05609.9	-5848.0	292	10.0	11836.3	-5846.8
23	10.3	00646.0	-5853.8	113	10.3	03345.0	-5816.9	203	8.6	05712.5	-5800.8	293	10.3	11852.1	-5819.6
24	10.3	00646.5	-5850.8	114	10.5	03354.6	-5859.4	204	9.9	05721.7	-5839.0	294	9.9	11948.1	-5813.5
25	10.5	00708.1	-5859.8	115	11.0	03355.7	-5857.4	205	11.0	05723.6	-5813.8	295	10.8	12021.1	-5838.8
26	10.5	00753.8	-5833.8	116	9.7	03428.9	-5859.3	206	11.0	05756.6	-5800.8	296	11.0	12032.6	-5840.8
27	10.0	00805.8	-5821.8	117	11.3	03435.0	-5848.3	207	9.9	05836.7	-5800.8	297	9.7	12034.6	-5850.8
28	10.8	00814.4	-5822.9	118	11.0	03437.8	-5822.6	208	10.3	05839.1	-5854.0	298	11.0	12107.7	-5852.8
29	9.7	00859.7	-5831.8	119	11.3	03447.4	-5824.3	209	10.3	05840.1	-5850.0	299	11.0	12111.6	-5843.8
30	10.0	00904.8	-5856.8	120	9.7	03510.6	-5856.3	210	9.8	05854.3	-5845.0	300	9.8	12118.3	-5815.4
31	10.5	00904.8	-5833.8	121	10.0	03519.0	-5851.3	211	10.8	05859.1	-5851.0	301	11.0	12119.4	-5843.8
32	9.8	00927.8	-5805.9	122	11.0	03525.3	-5802.9	212	10.8	05901.6	-5821.9	302	9.2	12135.8	-5816.4
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34	10.3	00945.8	-5833.8	124	10.5	03538.8	-5834.3	214	10.8	10008.9	-5804.8	304	10.8	12153.1	-5851.8
35	8.0	01052.6	-5850.8	125	11.0	03552.2	-5827.3	215	10.3	10018.9	-5854.0	305	9.6	12153.4	-5809.4
36	10.0	01057.1	-5854.8	126	4.5	03743.7	-5809.0	216	9.3	10036.5	-5834.0	306	10.3	12250.2	-5839.7
37	10.3	01207.5	-5836.8	127	9.5	03744.7	-5835.3	217	11.0	10054.2	-5840.0	307	11.0	12313.1	-5803.4
38	9.6	01209.5	-5821.4	128	10.5	03808.8	-5803.2	218	10.8	10058.8	-5831.0	308	8.8	12314.1	-5825.6
39	9.6	01212.4	-5825.4	129	9.7	03838.7	-5856.3	219	10.8	10059.6	-5820.8	309	10.8	12317.9	-5845.7
40	9.7	01219.4	-5835.8	130	10.3	03837.4	-5814.2	220	10.8	10125.7	-5823.8	310	9.8	12340.1	-5827.6
41	9.0	01241.4	-5837.8	131	9.7	03846.9	-5834.3	221	10.5	10132.2	-5837.0	311	11.0	12342.1	-5843.7
42	10.3	01250.4	-5838.8	132	11.5	03859.1	-5825.3	222	10.5	10156.8	-5835.0	312	10.5	12359.3	-5831.7
43	10.3	01310.8	-5841.8	133	9.1	04007.3	-5837.3	223	11.0	10211.6	-5847.0	313	11.0	12422.1	-5823.7
44	10.3	01528.0	-5823.8	134	9.1	04048.2	-5857.3	224	9.4	10216.7	-5831.0	314	10.5	12438.5	-5856.7
45	10.5	01532.7	-5848.8	135	7.3	04050.8	-5836.3	225	10.8	10229.8	-5816.7	315	9.7	12439.3	-5840.7
46	10.5	01537.0	-5823.9	136	7.4	04102.3	-5844.3	226	10.3	10239.1	-5840.0	316	9.6	12449.9	-5807.4
47	10.0	01544.6	-5855.8	137	10.5	04104.0	-5859.3	227	10.5	10304.9	-5808.9	317	9.7	12510.6	-5821.6
48	9.8	01619.6	-5833.8	138	10.5	04200.4	-5823.7	228	10.8	10317.2	-5821.0	318	11.0	12608.9	-5843.7
49	9.8	01635.1	-5854.8	139	9.7	04211.8	-5851.2	229	11.3	10322.1	-5847.0	319	10.8	12714.6	-5810.3
50	9.9	01704.7	-5808.9	140	10.5	04238.1	-5828.2	230	9.9	10325.9	-5813.7	320	10.0	12755.6	-5852.6
51	10.0	01724.4	-5832.8	141	11.0	04251.9	-5811.1	231	9.9	10339.6	-5826.8	321	10.8	12804.9	-5838.6
52	10.0	01727.1	-5833.8	142	10.8	04255.7	-5803.1	232	10.5	10355.1	-5822.8	322	8.8	12822.6	-5850.6
53	10.3	01749.8	-5824.8	143	11.0	04309.9	-5851.2	233	11.3	10425.3	-5828.0	323	9.3	12824.6	-5821.2
54	9.0	01847.0	-5842.1	144	10.3	04316.8	-5810.0	234	8.6	10429.8	-5858.0	324	8.8	12825.5	-5851.3
55	9.9	01903.5	-5850.5	145	9.0	04340.2	-5807.0	235	10.8	10434.3	-5855.0	325	8.3	12846.0	-5813.3
56	10.3	01910.2	-5833.5	146	10.8	04340.5	-5843.2	236	6.5	10500.5	-5820.8	326	9.8	12905.4	-5822.3
57	9.0	01917.4	-5857.5	147	9.4	04350.3	-5844.2	237	9.5	10508.8	-5849.0	327	10.3	12915.8	-5813.3
58	10.3	02010.1	-5857.5	148	9.9	04418.1	-5836.2	238	9.9	10515.5	-5825.0	328	8.5	12923.1	-5857.3
59	9.5	02026.7	-5816.9	149	7.4	04426.6	-5804.0	239	10.8	10609.6	-5824.3	329	9.7	13015.3	-5846.3
60	9.0	02028.0	-5813.9	150	9.6	04455.1	-5850.2	240	10.8	10611.3	-5858.0	330	6.3	13033.8	-5845.3
61	11.0	02041.3	-5858.5	151	11.3	04458.8	-5820.2	241	10.3	10642.8	-5827.9	331	8.8	13132.1	-5809.3
62	11.0	02044.0	-5834.5	152	11.3	04513.0	-5858.2	242	10.5	10655.8	-5831.9	332	6.5	13209.6	-5854.3
63	10.3	02046.4	-5818.9	153	9.3	04515.3	-5801.0	243	11.0	10700.0	-5847.9	333	9.8	13237.0	-5821.3
64	10.3	02058.7	-5807.9	154	10.8	04517.1	-5819.0	244	8.5	10716.6	-5801.7	334	9.7	13333.7	-5816.3

-58 335 1h34m

-58 694 3h25m

335	10.5	13457.8	-5806.2	425	7.5	20026.0	-5857.0	515	10.0	22756.3	-5821.0	605	11.5	25544.2	-5812.5
336	9.8	13458.3	-5840.3	426	10.8	20045.8	-5831.0	516	10.0	22758.2	-5838.1	606	8.5	25647.6	-5844.1
337	9.9	13522.0	-5818.8	427	12.0	20054.9	-5812.6	517	10.0	22805.2	-5856.0	607	9.0	25654.2	-5808.5
338	10.8	13525.7	-5857.3	428	11.5	20119.7	-5809.6	518	9.9	22910.2	-5813.0	608	9.4	25700.0	-5842.2
339	8.6	13525.7	-5859.3	429	8.6	20123.5	-5845.0	519	9.6	22911.4	-5857.0	609	11.5	25754.6	-5816.5
340	10.5	13544.0	-5858.3	430	9.3	20154.8	-5839.0	520	9.5	22917.5	-5826.0	610	11.5	25754.6	-5819.5
341	10.8	13554.1	-5829.3	431	11.0	20226.5	-5849.0	521	10.0	22918.0	-5848.0	611	11.3	25802.6	-5809.5
342	10.8	13751.5	-5850.3	432	10.0	20325.4	-5828.0	522	10.0	23056.9	-5858.0	612	11.3	25831.0	-5852.2
343	11.0	13757.3	-5812.2	433	11.0	20337.4	-5805.6	523	11.3	23125.2	-5816.0	613	11.5	25841.5	-5818.5
344	9.5	13831.2	-5817.2	434	9.0	20345.7	-5856.0	524	9.1	23132.5	-5827.9	614	11.3	25925.4	-5851.2
345	9.3	13844.6	-5838.2	435	11.5	20358.0	-5810.6	525	9.8	23204.4	-5857.9	615	9.4	25931.6	-5820.1
346	8.8	13901.2	-5819.7	436	10.8	20410.9	-5828.0	526	10.0	23206.8	-5847.9	616	9.1	30012.9	-5801.0
347	10.5	13928.8	-5807.2	437	10.8	20416.1	-5857.0	527	9.8	23216.5	-5809.0	617	9.7	30021.9	-5822.1
348	11.0	13949.2	-5859.2	438	9.7	20439.5	-5849.0	528	11.3	23253.7	-5818.0	618	8.3	30120.9	-5853.2
349	11.3	13951.1	-5812.2	439	10.8	20452.5	-5857.0	529	10.0	23310.0	-5838.9	619	11.8	30120.9	-5850.1
350	11.0	13958.8	-5845.2	440	11.0	20507.7	-5855.0	530	8.9	23321.0	-5827.9	620	10.8	30133.2	-5821.1
351	9.6	14020.5	-5834.2	441	10.8	20551.0	-5833.0	531	10.0	23331.5	-5804.0	621	10.8	30147.1	-5849.1
352	10.5	14047.4	-5802.1	442	11.0	20614.4	-5849.0	532	10.0	23337.7	-5851.9	622	10.0	30147.7	-5815.8
353	10.3	14048.4	-5826.2	443	10.8	20644.5	-5823.0	533	10.0	23416.1	-5825.9	623	11.0	30149.6	-5837.1
354	10.3	14105.0	-5859.2	444	10.3	20648.3	-5830.0	534	9.4	23458.9	-5829.8	624	10.0	30202.6	-5807.3
355	10.3	14105.0	-5822.2	445	11.0	20718.6	-5820.8	535	10.8	23513.8	-5810.0	625	9.9	30205.8	-5802.0
356	10.8	14108.6	-5842.2	446	8.9	20720.2	-5836.0	536	9.9	23522.6	-5847.8	626	11.5	30214.3	-5826.1
357	9.0	14121.6	-5820.2	447	11.5	20735.5	-5802.6	537	10.8	23530.6	-5824.0	627	9.4	30253.8	-5825.1
358	9.9	14127.5	-5850.2	448	11.0	20746.0	-5818.3	538	9.5	23530.7	-5843.8	628	11.5	30255.9	-5828.1
359	10.5	14139.0	-5831.2	449	9.7	20746.4	-5845.0	539	10.0	23534.3	-5821.8	629	9.6	30308.3	-5817.7
360	10.8	14217.8	-5801.1	450	11.0	20800.5	-5829.0	540	11.0	23551.3	-5808.0	630	10.8	30317.9	-5849.0
361	11.0	14229.7	-5850.2	451	10.8	20805.4	-5838.0	541	9.7	23609.7	-5833.8	631	10.0	30347.3	-5810.9
362	10.8	14230.8	-5842.2	452	11.0	20805.7	-5813.6	542	10.0	23619.7	-5847.8	632	10.0	30423.9	-5803.9
363	10.8	14258.6	-5839.2	453	10.0	20811.1	-5854.0	543	10.3	23626.7	-5822.0	633	10.5	30501.2	-5843.0
364	10.3	14314.3	-5844.2	454	11.0	20844.6	-5817.6	544	8.4	23627.4	-5812.0	634	11.8	30526.5	-5852.0
365	9.4	14335.8	-5809.1	455	11.3	20930.1	-5810.6	545	10.8	23646.1	-5808.0	635	10.0	30539.6	-5820.9
366	10.8	14403.5	-5851.2	456	11.8	20945.4	-5813.6	546	7.9	23713.8	-5839.8	636	11.0	30549.8	-5823.0
367	10.5	14441.0	-5803.1	457	11.0	21019.5	-5832.9	547	10.0	23749.1	-5837.8	637	9.4	30556.7	-5825.9
368	10.3	14445.5	-5830.2	458	11.0	21033.7	-5857.9	548	10.0	23754.5	-5857.8	638	9.6	30603.1	-5848.0
369	10.0	14512.9	-5817.8	459	10.8	21045.4	-5828.9	549	10.0	23800.4	-5843.8	639	9.3	30613.7	-5834.1
370	11.0	14516.2	-5838.2	460	10.8	21049.3	-5839.9	550	11.0	23802.5	-5818.0	640	6.8	30732.2	-5817.0
371	9.8	14523.0	-5832.2	461	9.7	21053.3	-5843.9	551	10.0	23835.3	-5845.7	641	8.7	30742.0	-5810.6
372	10.0	14536.3	-5829.2	462	10.5	21102.7	-5829.9	552	10.0	23838.9	-5847.7	642	9.9	30802.3	-5815.9
373	10.5	14545.0	-5851.2	463	10.8	21139.7	-5827.9	553	11.0	23849.0	-5812.0	643	10.0	30810.5	-5823.9
374	11.0	14601.6	-5806.8	464	10.8	21154.7	-5852.9	554	10.0	23946.8	-5822.7	644	10.5	30850.2	-5824.4
375	9.1	14632.9	-5855.2	465	10.8	21156.1	-5808.6	555	10.0	24012.1	-5840.7	645	10.8	30852.8	-5837.0
376	10.8	14634.8	-5825.0	466	11.5	21218.3	-5805.6	556	10.0	24016.7	-5832.7	646	11.5	30856.2	-5857.0
377	10.3	14728.1	-5810.8	467	11.3	21252.5	-5811.6	557	10.0	24023.1	-5853.7	647	10.0	30900.8	-5802.9
378	9.9	14750.3	-5825.0	468	10.3	21324.5	-5848.9	558	9.2	24105.7	-5801.0	648	9.3	30907.8	-5809.9
379	11.0	14806.8	-5824.0	469	9.7	21327.2	-5841.9	559	9.3	24121.2	-5828.7	649	9.0	30907.8	-5804.9
380	9.9	14808.5	-5836.2	470	10.8	21346.5	-5840.9	560	10.0	24142.2	-5845.7	650	9.4	30920.3	-5809.9
381	10.8	14821.2	-5832.2	471	10.3	21356.5	-5838.9	561	9.8	24143.9	-5849.6	651	10.0	30955.4	-5800.9
382	10.8	14851.8	-5853.2	472	8.5	21418.6	-5823.8	562	10.0	24147.7	-5854.6	652	8.8	30957.4	-5817.9
383	10.8	14916.5	-5852.1	473	10.8	21432.7	-5837.9	563	9.0	24154.1	-5857.6	653	9.8	31000.6	-5805.2
384	11.3	14937.9	-5815.7	474	10.5	21504.6	-5812.5	564	8.8	24155.2	-5815.0	654	10.3	31028.3	-5853.9
385	10.0	14941.6	-5810.7	475	10.8	21507.8	-5823.2	565	9.7	24211.7	-5813.9	655	10.0	31033.5	-5800.8
386	7.5	14951.2	-5832.1	476	11.5	21518.3	-5809.5	566	10.0	24249.4	-5822.6	656	10.0	31038.7	-5818.8
387	11.0	15007.5	-5824.9	477	10.5	21518.9	-5832.9	567	10.0	24302.9	-5841.6	657	10.0	31049.0	-5812.8
388	11.5	15011.9	-5809.7	478	9.8	21541.0	-5859.9	568	10.0	24315.4	-5848.6	658	11.5	31117.0	-5848.9
389	10.8	15024.1	-5812.7	479	11.0	21549.6	-5847.9	569	9.2	24318.6	-5845.6	659	9.4	31126.8	-5824.9
390	10.8	15024.7	-5855.1	480	11.0	21610.9	-5800.5	570	10.0	24344.8	-5834.6	660	9.9	31149.6	-5818.8
391	10.0	15032.0	-5832.1	481	8.9	21622.1	-5825.7	571	9.2	24401.4	-5848.6	661	8.3	31230.4	-5816.9
392	9.9	15042.5	-5851.1	482	10.3	21626.4	-5857.9	572	8.7	24446.9	-5811.0	662	10.0	31256.8	-5854.8
393	8.2	15058.7	-5858.1	483	10.5	21638.8	-5825.7	573	9.9	24458.4	-5852.5	663	11.0	31258.9	-5854.8
394	10.3	15126.0	-5852.1	484	8.3	21714.9	-5815.5	574	8.5	24544.6	-5820.2	664	10.0	31333.7	-5810.8
395	11.0	15131.6	-5812.7	485	10.8	21744.0	-5837.9	575	9.7	24608.4	-5831.5	665	10.0	31348.4	-5810.8
396	11.0	15145.7	-5828.1	486	8.4	21754.7	-5840.9	576	9.5	24704.1	-5814.5	666	10.8	31351.5	-5853.8
397	10.3	15232.8	-5829.1	487	9.8	21757.9	-5835.9	577	9.2	24752.2	-5827.5	667	10.8	31409.1	-5843.8
398	10.8	15319.6	-5844.1	488	9.5	21821.4	-5826.9	578	10.0	24752.2	-5834.5	668	10.8	31448.9	-5843.8
399	10.5	15345.2	-5832.1	489	10.8	21830.9	-5810.5	579	10.0	24829.7	-5834.5	669	11.0	31545.9	-5853.7
400	11.5	15406.7	-5810.7	490	10.3	21915.3	-5811.5	580	10.0	24848.2	-5844.5	670	7.6	31554.4	-5826.3
401	9.7	15421.0	-5854.1	491	11.0	21947.7	-5844.9	581	10.0	24930.2	-5812.5	671	11.5	31638.2	-5832.7
402	10.5	15445.4	-5858.1	492	9.8	21950.7	-5844.8	582	10.0	24934.8	-5818.0	672	11.3	31650.5	-5845.7
403	10.8	15449.3	-5848.1	493	11.0	22053.9	-5815.1	583	9.3	24942.4	-5829.4	673	10.0	31701.5	-5806.7
404	11.3	15534.8	-5814.7	494	11.0	22103.0	-5840.8	584	10.8	25024.2	-5807.5	674	10.0	31718.2	-5806.7
405	10.8	15542.8	-5829.1	495	9.5	22135.4	-5831.8	585	10.8	25026.0	-5846.4	675	11.0	31725.0	-5842.7
406	10.5	15543.0	-5819.9	496	9.9	22147.7	-5847.8	586	10.8	25040.1	-5808.5	676	10.3	31736.8	-5833.9
407	11.0	15557.9	-5827.1	497	10.0	22149.4	-5823.4	587	11.0	25118.5	-5832.4	677	10.0	31811.6	-5814.7
408	9.8	15611.4	-5815.7	498	8.6	22149.7	-5844.8	588	9.5	25128.1	-5841.4	678	9.7	31845.1	-5814.7
409	11.0	15626.2	-5848.1	499	10.8	22221.8	-5847.8	589	10.5	25140.2	-5832.4	679	9.5	31950.9	-5817.6
410	10.8	15637.5	-5826.1	500	10.3	22223.7	-5822.4	590	11.5	25229.1	-5820.4	680	10.8	32003.3	-5824.4
411	8.4	15743.0	-5817.4	501	9.5	22243.9	-5851.8	591	10.0	25231.7	-5835.5	681	9.8	32030.8	-5850.4
412	11.5	15807.4	-5803.7	502	9.7	22339.5	-5815.1	592	10.5	25234.8	-5840.3	682	11.0	32044.2	-5832.5
413	9.6	15817.5	-5810.7	503	9.4	22402.2	-5835.8	593	9.2	25322.6	-5851.4	683	10.8	32045.5	-5843.5
414	8.6	15831.3	-5811.7	504	7.5	22414.7	-5841.8	594	10.8	25325.6	-5844.3	684	10.0	32048.8	-5807.6
415	10.0	15844.3	-5801.7	505	8.6	22420.7	-5813.1	595	9.3	25352.0	-5815.5	685	9.7	32254.8	-5805.6
416	9.7	15851.3	-5800.7	506	10.0	22457.9	-5837.1	596	11.0	25419.6	-5852.3	686	10.8	32304.3	-5856.4
417	11.0	15851.9	-5821.1	507	10.0	22500.3	-5858.1	597	11.5	25423.6	-5814.5	687	9.9	32338.2	-5801.8
418	10.3	15854.6	-5810.7	508	10.0	22538.7	-5838.1	598	8.8	25434.2	-5803.5	688	10.5	32413.6	-5848.4
419	11.0	15858.4	-5807.7	509	9.7	22550.2	-5821.1	599	11.0	25507.4	-5801.5	689	8.1	32417.8	-5845.5
420	11.0	15905.2	-5848.0	510	7.4	22632.8	-5822.1	600	9.4	25515.1	-5844.2	690	10.0	32422.1	-5820.5
421	11.5	15909.6	-5807.7	511	10.0	22643.6	-5823.1	601	10.5	25529.5	-5811.5	691	10.0	32429.4	-5815.5
422	10.3	15910.3	-5844.0	512	10.0	22740.8	-5833.1	602	10.5	25532.4	-5835.3	692	11.5	32439.7	-5835.4
423	9.8	15935.0	-5817.8	513	11.0	22741.5	-5803.1	603	10.5	25534.9	-5837.3	693	11.3	32447.2	-5835.4
424	9.4	15951.4	-5818.4	514	11.0	22749.1	-5802.0	604	8.4	25540.0	-5816.4	694	10.0	32521.7	-5801.8

695	7.4	32524.1	-5818.5	785	11.0	35036.6	-5812.9	875	10.3	41241.5	-5826.9	965	11.3	43421.7	-5840.3
696	10.0	32527.4	-5813.5	786	11.0	35043.6	-5857.6	876	9.6	41244.7	-5846.1	966	11.5	43458.4	-5824.2
697	10.0	32555.1	-5805.5	787	10.3	35051.7	-5809.0	877	10.8	41250.3	-5836.1	967	11.8	43514.1	-5837.2
698	9.7	32639.6	-5843.3	788	11.0	35109.6	-5800.9	878	10.8	41347.3	-5834.1	968	10.0	43520.2	-5817.5
699	10.0	32704.0	-5816.4	789	9.2	35139.8	-5835.8	879	11.0	41350.4	-5843.1	969	10.8	43522.8	-5857.2
700	9.0	32706.0	-5813.6	790	11.0	35152.5	-5836.5	880	9.1	41351.8	-5836.2	970	11.3	43542.9	-5844.2
701	11.5	32716.0	-5844.3	791	9.9	35156.8	-5856.5	881	10.3	41406.8	-5830.1	971	9.2	43543.9	-5841.2
702	10.8	32732.4	-5843.3	792	8.8	35207.7	-5818.0	882	11.0	41450.5	-5853.0	972	7.0	43557.0	-5827.2
703	9.1	32750.8	-5833.3	793	8.9	35211.2	-5805.1	883	11.0	41457.5	-5827.0	973	8.9	43633.3	-5842.2
704	10.0	32816.8	-5838.4	794	8.7	35220.3	-5833.8	884	9.1	41458.2	-5807.1	974	11.8	43642.4	-5844.1
705	9.7	32818.6	-5843.4	795	8.6	35220.8	-5844.8	885	11.5	41459.0	-5820.0	975	9.5	43643.4	-5813.5
706	10.0	32851.0	-5809.4	796	9.9	35304.8	-5810.8	886	11.0	41504.3	-5854.2	976	9.7	43718.2	-5817.4
707	9.0	32855.3	-5848.5	797	11.0	35311.1	-5831.5	887	11.0	41507.8	-5851.0	977	11.3	43740.1	-5808.5
708	8.2	32856.0	-5831.3	798	11.0	35350.9	-5859.5	888	11.5	41518.7	-5817.8	978	11.0	43801.8	-5808.5
709	11.0	32909.6	-5827.3	799	8.3	35409.3	-5850.6	889	9.4	41521.2	-5828.0	979	11.0	43808.8	-5827.4
710	9.3	32913.6	-5813.4	800	10.0	35443.9	-5812.8	890	9.7	41535.0	-5809.4	980	11.5	43838.0	-5840.1
711	10.0	32923.5	-5805.4	801	11.0	35452.7	-5855.4	891	9.0	41539.8	-5852.0	981	10.8	43851.3	-5821.6
712	11.5	32928.1	-5859.2	802	11.5	35505.9	-5840.4	892	8.3	41614.9	-5843.0	982	11.8	43852.6	-5823.1
713	9.8	32932.8	-5848.2	803	11.3	35508.5	-5855.4	893	11.5	41618.9	-5813.7	983	11.0	43934.6	-5836.1
714	10.0	32937.5	-5814.4	804	11.0	35518.7	-5846.4	894	11.5	41620.4	-5849.0	984	8.1	43942.0	-5815.5
715	11.5	33005.4	-5833.2	805	10.0	35543.8	-5824.6	895	11.5	41627.0	-5815.7	985	10.5	43943.5	-5842.0
716	9.0	33018.0	-5821.6	806	11.0	35558.3	-5808.8	896	11.5	41628.0	-5816.7	986	10.8	44006.5	-5824.4
717	10.0	33034.0	-5804.3	807	11.0	35625.5	-5834.4	897	11.0	41642.9	-5847.0	987	10.5	44007.9	-5841.8
718	8.4	33048.5	-5823.4	808	9.5	35633.6	-5841.4	898	11.0	41644.3	-5826.9	988	11.0	44008.0	-5824.8
719	9.6	33101.2	-5802.3	809	10.0	35705.9	-5807.7	899	11.5	41658.6	-5806.7	989	11.5	44011.7	-5822.0
720	9.7	33118.8	-5803.3	810	9.5	35712.7	-5819.6	900	9.5	41658.9	-5801.9	990	11.3	44024.8	-5847.8
721	8.5	33151.0	-5808.3	811	10.8	35721.9	-5804.7	901	9.6	41719.7	-5814.7	991	9.3	44049.3	-5833.0
722	11.0	33202.0	-5842.2	812	11.0	35726.6	-5845.2	902	11.0	41746.7	-5843.9	992	11.0	44100.1	-5823.2
723	7.7	33218.6	-5813.5	813	11.0	35738.8	-5806.7	903	11.0	41825.8	-5818.4	993	11.8	44117.6	-5852.0
724	11.0	33253.2	-5853.1	814	9.7	35811.5	-5846.0	904	11.3	41830.8	-5813.6	994	9.7	44131.0	-5804.6
725	9.0	33339.2	-5830.0	815	11.5	35812.3	-5814.7	905	9.5	41830.8	-5858.9	995	8.5	44133.1	-5847.0
726	9.1	33353.2	-5836.8	816	10.5	35815.1	-5826.8	906	10.8	41833.5	-5824.7	996	10.5	44144.9	-5848.7
727	9.9	33402.7	-5817.1	817	9.3	35828.9	-5842.8	907	11.3	41856.7	-5817.6	997	11.0	44145.0	-5809.4
728	11.0	33404.7	-5833.1	818	11.5	35847.9	-5842.8	908	9.8	41908.8	-5823.8	998	11.8	44200.4	-5851.9
729	10.8	33428.3	-5836.1	819	11.5	35910.3	-5843.8	909	10.5	41918.4	-5835.8	999	8.4	44210.1	-5852.9
730	9.9	33429.3	-5820.2	820	10.5	35929.8	-5844.8	910	10.5	41924.5	-5834.8	1000	9.8	44213.3	-5846.9
731	11.5	33459.9	-5841.1	821	10.0	35935.3	-5849.8	911	11.5	42018.8	-5855.8	1001	11.5	44225.0	-5827.3
732	8.9	33531.6	-5803.0	822	11.5	40021.7	-5806.7	912	9.7	42026.8	-5832.8	1002	11.5	44242.3	-5831.2
733	11.5	33629.6	-5855.0	823	11.5	40027.7	-5804.7	913	9.3	42058.8	-5837.0	1003	11.5	44255.3	-5808.4
734	9.5	33638.2	-5841.0	824	11.5	40033.7	-5814.7	914	10.0	42114.9	-5822.8	1004	11.3	44301.2	-5800.4
735	8.2	33713.3	-5825.1	825	9.8	40042.8	-5857.9	915	9.5	42228.0	-5824.2	1005	11.5	44336.4	-5815.4
736	11.0	33720.1	-5800.2	826	11.5	40044.4	-5832.7	916	11.3	42256.8	-5839.7	1006	11.8	44350.2	-5826.8
737	11.5	33810.8	-5838.0	827	10.5	40045.8	-5831.7	917	9.0	42259.2	-5801.6	1007	11.8	44445.5	-5846.8
738	8.2	33909.4	-5824.0	828	10.3	40051.4	-5852.7	918	9.5	42307.7	-5806.6	1008	8.9	44518.3	-5817.6
739	9.9	33927.6	-5856.0	829	11.5	40058.8	-5801.7	919	11.0	42315.8	-5819.6	1009	11.3	44521.4	-5847.8
740	11.5	33939.7	-5847.9	830	10.3	40120.1	-5855.7	920	11.0	42320.9	-5846.7	1010	8.3	44543.3	-5834.8
741	9.1	33947.1	-5848.9	831	11.0	40121.9	-5837.7	921	10.3	42327.1	-5833.7	1011	11.0	44548.5	-5806.3
742	11.5	34003.2	-5846.9	832	11.0	40131.0	-5818.6	922	10.3	42334.1	-5827.7	1012	9.3	44602.9	-5857.0
743	11.0	34011.1	-5832.9	833	9.0	40222.3	-5831.3	923	10.5	42339.5	-5850.7	1013	9.0	44612.8	-5805.3
744	9.6	34022.3	-5805.2	834	10.0	40226.8	-5829.3	924	11.5	42339.6	-5815.5	1014	11.5	44620.1	-5806.3
745	9.7	34049.2	-5840.9	835	9.7	40250.2	-5813.3	925	10.5	42343.8	-5819.6	1015	10.8	44625.3	-5852.8
746	9.5	34113.4	-5820.3	836	8.3	40306.9	-5848.8	926	9.9	42420.5	-5820.0	1016	11.3	44648.2	-5803.3
747	10.3	34114.2	-5803.1	837	11.0	40321.1	-5829.6	927	9.6	42447.0	-5822.6	1017	9.6	44742.8	-5828.8
748	11.5	34141.4	-5810.1	838	9.7	40423.0	-5818.3	928	11.3	42448.1	-5858.6	1018	11.0	44759.8	-5820.2
749	11.0	34142.7	-5829.9	839	11.5	40430.3	-5857.5	929	9.6	42500.3	-5832.3	1019	8.3	44805.6	-5843.9
750	11.0	34148.5	-5830.9	840	11.0	40434.6	-5828.5	930	9.1	42500.7	-5814.3	1020	11.5	44819.8	-5833.8
751	11.5	34229.9	-5846.8	841	11.0	40459.9	-5819.5	931	11.0	42525.5	-5857.6	1021	9.1	44826.3	-5821.1
752	11.0	34235.5	-5809.0	842	10.5	40500.9	-5850.5	932	11.5	42528.0	-5827.6	1022	11.3	44846.0	-5804.2
753	9.7	34250.7	-5859.8	843	11.3	40524.0	-5812.5	933	10.5	42535.6	-5850.6	1023	9.7	44850.9	-5816.2
754	11.5	34407.4	-5810.0	844	11.0	40524.6	-5838.4	934	9.3	42556.8	-5837.8	1024	9.3	44852.8	-5830.6
755	11.5	34410.2	-5849.8	845	11.3	40528.7	-5843.4	935	11.5	42602.6	-5855.6	1025	10.5	44934.8	-5828.8
756	9.8	34424.7	-5854.8	846	8.3	40530.2	-5851.4	936	10.0	42704.6	-5822.8	1026	11.3	44951.2	-5800.1
757	9.7	34430.8	-5852.8	847	11.3	40540.1	-5842.4	937	11.0	42709.2	-5820.2	1027	10.8	45013.4	-5858.8
758	8.9	34442.8	-5827.7	848	9.3	40622.3	-5848.8	938	10.5	42718.3	-5837.9	1028	8.1	45028.6	-5802.1
759	10.0	34453.2	-5809.0	849	11.5	40633.6	-5847.4	939	11.5	42800.1	-5852.5	1029	11.5	45059.1	-5808.1
760	11.5	34501.5	-5814.0	850	11.0	40700.4	-5821.0	940	11.0	42806.6	-5826.5	1030	11.0	45122.2	-5855.8
761	8.2	34501.5	-5801.0	851	11.0	40700.8	-5812.5	941	9.2	42818.3	-5826.6	1031	10.8	45126.9	-5846.8
762	9.5	34509.0	-5804.8	852	9.7	40709.5	-5800.6	942	9.1	42834.2	-5853.7	1032	11.0	45139.3	-5805.1
763	11.0	34529.6	-5813.0	853	9.2	40710.4	-5853.7	943	9.7	42840.4	-5855.5	1033	11.3	45146.3	-5815.1
764	8.5	34531.3	-5835.9	854	9.5	40753.8	-5806.5	944	8.9	42903.0	-5845.2	1034	11.3	45150.7	-5813.1
765	8.7	34605.3	-5822.9	855	11.0	40809.8	-5825.3	945	11.5	42918.2	-5821.5	1035	11.3	45214.6	-5851.8
766	9.6	34638.3	-5851.7	856	10.0	40826.1	-5832.3	946	11.3	43005.6	-5822.4	1036	6.3	45249.9	-5844.8
767	9.6	34640.1	-5849.4	857	11.0	40838.6	-5800.4	947	11.0	43006.2	-5804.4	1037	11.5	45311.4	-5820.0
768	11.5	34645.7	-5819.0	858	11.5	40841.5	-5831.3	948	9.6	43011.2	-5810.4	1038	11.0	45313.8	-5801.0
769	11.3	34703.6	-5820.0	859	9.8	40849.4	-5825.8	949	9.2	43016.9	-5800.6	1039	10.5	45352.9	-5849.8
770	9.6	34706.6	-5844.7	860	9.6	40930.5	-5820.9	950	8.6	43024.2	-5855.2	1040	9.0	45358.8	-5839.1
771	11.3	34708.5	-5801.0	861	11.5	40938.9	-5848.2	951	9.6	43104.9	-5840.6	1041	11.5	45423.9	-5824.0
772	9.4	34740.6	-5843.8	862	11.3	40948.9	-5848.2	952	9.5	43154.0	-5818.0	1042	7.2	45501.9	-5816.0
773	10.5	34759.8	-5837.7	863	8.9	40955.7	-5807.4	953	11.5	43220.0	-5834.3	1043	11.5	45501.9	-5854.7
774	11.5	34820.6	-5807.9	864	9.8	41018.8	-5856.2	954	8.5	43221.5	-5830.0	1044	8.0	45551.9	-5809.8
775	10.5	34824.2	-5848.7	865	11.0	41018.8	-5821.8	955	10.0	43233.3	-5851.3	1045	7.5	45558.0	-5823.9
776	9.6	34851.4	-5810.9	866	11.3	41042.8	-5825.2	956	9.1	43234.4	-5852.3	1046	9.6	45616.8	-5853.9
777	8.7	34852.3	-5856.8	867	11.0	41047.5	-5823.2	957	10.5	43241.3	-5841.0	1047	10.8	45640.3	-5818.0
778	10.8	34901.1	-5844.6	868	10.5	41058.8	-5854.2	958	10.8	43248.3	-5845.8	1048	9.9	45650.7	-5809.0
779	11.5	34904.0	-5822.9	869	11.0	41058.8	-5855.2	959	11.0	43251.1	-5803.3	1049	9.8	45705.4	-5850.9
780	11.3	34934.3	-5820.0	870	10.5	41100.8	-5831.2	960	11.5	43259.8	-5854.3	1050	11.5	45718.1	-5839.7
781	10.8	34957.4	-5836.6	871	7.2	41115.6	-5820.2	961	11.3	43344.5	-5850.3	1051	9.6	45723.8	-5828.9
782	10.8	35029.6	-5825.6	872	8.6	41204.7	-5803.6	962	11.0	43345.8	-5801.3	1052	9.4	45736.8	-5824.9
783	10.3	35030.8	-5852.6	873	10.0	41221.6	-5825.4	963	10.3	43351.6	-5819.8	1053	9.6	45739.8	-5850.7
784	11.3	35033.2	-5853.6	874	10.3	41228.3	-5810.8	964	11.3	43414.1	-5859.3	1054	8.4	45755.4	-5840.7

-58 1055 4h58m

-58 1414 6h17m

1055	10.8	45824.8	-5804.9	1145	9.8	52140.2	-5804.7	1235	9.1	54228.9	-5819.9	1325	10.0	60154.2	-5809.2
1056	11.3	45858.5	-5837.7	1146	9.4	52144.5	-5806.1	1236	10.0	54229.4	-5804.0	1326	9.8	60158.2	-5852.8
1057	10.8	45914.1	-5831.7	1147	10.8	52149.3	-5854.8	1237	10.0	54250.3	-5818.8	1327	10.0	60212.2	-5836.2
1058	8.4	45935.2	-5841.7	1148	10.0	52151.2	-5811.1	1238	9.9	54305.7	-5812.0	1328	9.6	60213.2	-5811.2
1059	10.0	50001.3	-5804.8	1149	8.3	52154.3	-5832.8	1239	10.5	54313.7	-5807.0	1329	10.5	60223.3	-5841.4
1060	11.0	50002.4	-5828.7	1150	8.5	52201.6	-5812.2	1240	10.8	54334.5	-5830.1	1330	10.0	60248.0	-5837.4
1061	10.8	50005.1	-5833.7	1151	9.7	52207.3	-5828.3	1241	9.9	54338.7	-5809.9	1331	9.0	60249.8	-5811.5
1062	10.5	50056.9	-5823.2	1152	9.7	52213.3	-5820.0	1242	10.8	54414.5	-5831.0	1332	10.5	60311.4	-5840.4
1063	11.3	50103.0	-5810.8	1153	11.0	52224.8	-5816.2	1243	9.9	54420.7	-5832.0	1333	8.6	60313.2	-5849.2
1064	9.6	50119.2	-5841.7	1154	10.5	52239.4	-5852.8	1244	10.5	54421.7	-5809.9	1334	10.0	60408.2	-5828.5
1065	9.3	50122.6	-5816.7	1155	8.5	52252.9	-5817.0	1245	8.7	54428.2	-5849.0	1335	11.0	60436.1	-5844.4
1066	11.3	50126.5	-5826.2	1156	10.8	52301.9	-5834.8	1246	10.5	54428.5	-5808.9	1336	8.8	60439.2	-5856.2
1067	8.2	50129.7	-5857.4	1157	10.8	52312.9	-5824.8	1247	10.0	54444.2	-5851.0	1337	9.6	60450.3	-5802.5
1068	11.3	50212.5	-5809.7	1158	11.0	52318.0	-5846.8	1248	9.9	54458.8	-5821.0	1338	8.8	60450.3	-5846.6
1069	10.8	50231.6	-5851.7	1159	9.8	52320.7	-5811.1	1249	9.9	54502.5	-5809.9	1339	10.5	60512.7	-5817.4
1070	10.5	50239.8	-5831.7	1160	10.5	52333.4	-5852.0	1250	9.7	54502.7	-5813.9	1340	9.5	60519.8	-5847.2
1071	10.0	50244.3	-5848.0	1161	10.5	52359.0	-5811.1	1251	9.6	54503.7	-5850.1	1341	7.8	60535.3	-5845.2
1072	11.0	50309.7	-5835.7	1162	7.7	52410.7	-5839.8	1252	9.2	54510.7	-5808.9	1342	10.5	60542.6	-5845.2
1073	11.3	50329.8	-5805.6	1163	9.1	52443.5	-5820.6	1253	9.9	54515.3	-5818.0	1343	11.0	60616.2	-5813.4
1074	10.8	50336.8	-5833.7	1164	9.7	52453.3	-5849.0	1254	10.5	54547.1	-5828.0	1344	9.2	60618.3	-5829.3
1075	10.8	50343.2	-5836.7	1165	9.6	52501.7	-5837.8	1255	11.0	54555.0	-5855.0	1345	9.4	60624.0	-5857.3
1076	11.0	50351.4	-5816.6	1166	10.0	52503.2	-5820.2	1256	9.9	54555.9	-5821.2	1346	9.3	60642.8	-5827.5
1077	9.8	50358.3	-5841.7	1167	9.7	52513.6	-5846.0	1257	9.8	54604.4	-5826.0	1347	10.3	60700.0	-5833.6
1078	7.6	50406.3	-5821.7	1168	10.0	52524.5	-5805.0	1258	10.8	54604.7	-5819.0	1348	10.5	60718.7	-5848.6
1079	11.5	50409.4	-5804.6	1169	11.0	52602.6	-5850.6	1259	10.0	54629.4	-5821.0	1349	10.0	60719.2	-5849.3
1080	10.8	50418.3	-5821.5	1170	11.0	52605.2	-5807.0	1260	10.3	54631.4	-5805.8	1350	10.5	60757.5	-5840.3
1081	10.3	50419.1	-5831.7	1171	11.0	52607.3	-5845.6	1261	10.3	54639.7	-5805.0	1351	9.4	60804.8	-5824.3
1082	10.0	50421.3	-5818.7	1172	10.3	52611.1	-5811.0	1262	10.5	54727.7	-5822.9	1352	10.3	60824.7	-5815.4
1083	8.7	50449.8	-5853.7	1173	10.0	52626.7	-5822.8	1263	9.1	54728.8	-5841.9	1353	10.0	60828.2	-5808.4
1084	11.3	50503.8	-5816.6	1174	8.3	52630.3	-5820.8	1264	10.5	54732.5	-5828.2	1354	11.0	60830.1	-5847.2
1085	11.5	50530.1	-5807.6	1175	8.7	52632.3	-5828.6	1265	10.8	54743.6	-5847.1	1355	9.6	60830.4	-5803.4
1086	11.0	50557.2	-5801.5	1176	10.0	52719.1	-5837.6	1266	9.6	54745.2	-5805.6	1356	10.5	60840.3	-5858.2
1087	10.0	50608.3	-5857.7	1177	11.0	52747.9	-5858.5	1267	11.0	54801.6	-5845.9	1357	7.7	60848.4	-5849.3
1088	9.9	50641.5	-5827.8	1178	9.9	52748.6	-5843.5	1268	10.0	54805.8	-5800.5	1358	11.0	60858.6	-5802.4
1089	10.3	50659.2	-5806.5	1179	11.0	52758.6	-5841.5	1269	10.5	54832.2	-5854.9	1359	10.5	60907.5	-5841.2
1090	9.5	50700.9	-5845.6	1180	9.1	52817.5	-5838.5	1270	10.5	54837.1	-5853.9	1360	9.7	60910.2	-5828.2
1091	10.5	50702.2	-5809.5	1181	11.0	52825.2	-5858.5	1271	9.4	54841.8	-5820.8	1361	8.7	60914.3	-5815.4
1092	10.5	50718.0	-5828.6	1182	10.0	52848.7	-5837.7	1272	10.3	54936.6	-5834.8	1362	9.8	60929.1	-5819.5
1093	9.9	50732.2	-5825.4	1183	9.7	53007.9	-5820.8	1273	11.0	54938.4	-5847.5	1363	9.1	60939.7	-5857.2
1094	9.7	50739.3	-5828.3	1184	10.8	53010.1	-5849.5	1274	9.3	54946.3	-5845.0	1364	10.8	60959.2	-5829.2
1095	9.6	50742.3	-5829.6	1185	10.3	53036.3	-5808.9	1275	10.5	54947.7	-5842.8	1365	10.3	61008.2	-5820.2
1096	11.5	50813.7	-5813.4	1186	9.9	53049.4	-5831.4	1276	10.5	54951.2	-5838.8	1366	8.9	61010.2	-5856.2
1097	10.3	50818.3	-5850.6	1187	10.5	53100.7	-5805.9	1277	9.5	54955.2	-5828.0	1367	10.5	61011.6	-5806.3
1098	8.4	50826.6	-5838.3	1188	10.5	53109.2	-5827.4	1278	10.0	55002.8	-5800.7	1368	11.0	61013.8	-5802.3
1099	11.0	50837.9	-5810.4	1189	11.0	53116.3	-5808.8	1279	9.8	55009.8	-5847.8	1369	10.3	61016.2	-5816.3
1100	9.5	50954.3	-5854.2	1190	11.0	53119.1	-5811.8	1280	9.8	55032.3	-5858.8	1370	9.9	61037.0	-5804.3
1101	11.0	51047.2	-5813.4	1191	9.6	53123.2	-5851.4	1281	10.0	55038.7	-5813.7	1371	11.0	61041.7	-5800.3
1102	9.7	51052.3	-5802.4	1192	10.5	53133.5	-5855.4	1282	10.0	55049.7	-5827.8	1372	10.0	61053.7	-5850.8
1103	9.5	51104.4	-5850.0	1193	11.0	53139.8	-5811.8	1283	9.9	55120.2	-5852.5	1373	10.8	61059.9	-5829.2
1104	10.5	51116.3	-5833.0	1194	10.3	53158.0	-5851.4	1284	9.8	55127.5	-5835.8	1374	9.5	61104.8	-5839.2
1105	8.0	51125.6	-5842.0	1195	10.0	53201.6	-5821.9	1285	9.9	55137.8	-5819.7	1375	11.0	61117.0	-5844.2
1106	9.1	51129.3	-5817.4	1196	9.9	53204.6	-5831.4	1286	9.7	55138.6	-5839.5	1376	11.0	61121.2	-5855.2
1107	10.5	51218.6	-5835.0	1197	10.5	53221.1	-5849.4	1287	10.3	55233.2	-5858.9	1377	9.6	61137.9	-5837.1
1108	10.8	51224.7	-5822.0	1198	10.8	53222.7	-5855.4	1288	11.0	55259.7	-5852.7	1378	9.3	61154.7	-5835.8
1109	11.3	51327.7	-5811.3	1199	9.4	53248.4	-5822.7	1289	8.3	55302.6	-5809.8	1379	8.8	61159.3	-5847.1
1110	10.5	51341.1	-5836.0	1200	10.8	53255.4	-5848.4	1290	10.8	55303.6	-5857.7	1380	10.0	61207.8	-5838.8
1111	10.8	51348.1	-5859.4	1201	7.2	53314.3	-5857.2	1291	11.0	55321.4	-5847.7	1381	10.8	61225.5	-5830.1
1112	9.1	51349.8	-5851.0	1202	9.9	53349.2	-5849.3	1292	10.5	55335.3	-5808.5	1382	9.7	61235.2	-5834.3
1113	11.0	51351.8	-5840.0	1203	10.0	53350.8	-5826.3	1293	9.6	55339.2	-5832.9	1383	11.0	61308.6	-5800.3
1114	9.0	51406.8	-5838.4	1204	9.8	53356.2	-5829.6	1294	10.3	55443.8	-5841.7	1384	10.0	61312.2	-5854.1
1115	11.5	51412.9	-5811.3	1205	11.0	53417.6	-5819.3	1295	10.0	55509.2	-5852.4	1385	10.5	61319.7	-5851.1
1116	11.3	51502.0	-5812.3	1206	9.9	53417.8	-5843.1	1296	10.0	55536.1	-5812.5	1386	11.0	61324.7	-5800.3
1117	11.5	51505.5	-5821.3	1207	9.8	53456.7	-5856.6	1297	9.2	55601.9	-5825.2	1387	9.9	61341.3	-5846.1
1118	10.8	51510.0	-5819.9	1208	10.0	53503.1	-5817.8	1298	10.3	55604.2	-5827.6	1388	9.6	61342.7	-5817.2
1119	10.8	51518.2	-5832.9	1209	10.0	53522.1	-5846.3	1299	10.5	55610.7	-5834.3	1389	10.5	61345.2	-5822.2
1120	10.8	51522.0	-5827.9	1210	10.0	53532.2	-5848.3	1300	10.5	55612.8	-5842.6	1390	10.5	61349.4	-5823.1
1121	9.4	51548.6	-5857.9	1211	9.9	53533.4	-5834.6	1301	11.0	55614.0	-5835.6	1391	10.5	61414.6	-5855.1
1122	10.8	51558.6	-5843.9	1212	9.7	53547.2	-5823.6	1302	10.5	55640.0	-5816.7	1392	9.8	61417.2	-5850.1
1123	10.8	51620.8	-5825.9	1213	9.3	53550.2	-5851.3	1303	10.5	55657.0	-5840.6	1393	10.0	61425.6	-5806.2
1124	10.8	51633.0	-5826.9	1214	10.5	53559.5	-5844.3	1304	9.2	55705.5	-5816.2	1394	10.0	61429.8	-5842.0
1125	10.5	51633.4	-5811.2	1215	10.5	53616.6	-5835.3	1305	10.8	55723.5	-5800.4	1395	9.6	61433.7	-5854.1
1126	10.5	51641.6	-5815.2	1216	8.2	53643.2	-5820.6	1306	10.3	55738.9	-5852.6	1396	10.8	61447.9	-5800.2
1127	9.1	51702.8	-5853.9	1217	10.8	53711.0	-5841.2	1307	10.0	55800.8	-5817.5	1397	11.0	61502.6	-5840.0
1128	10.0	51731.3	-5848.9	1218	9.3	53729.2	-5809.7	1308	10.8	55819.8	-5830.6	1398	11.0	61507.2	-5853.5
1129	9.6	51757.2	-5841.9	1219	9.5	53808.8	-5821.6	1309	10.8	55822.0	-5848.6	1399	10.8	61507.2	-5844.0
1130	10.3	51822.2	-5805.2	1220	10.5	53817.3	-5832.2	1310	7.0	55840.0	-5806.4	1400	8.3	61518.7	-5807.2
1131	10.8	51827.7	-5832.9	1221	10.8	53822.7	-5850.2	1311	10.3	55841.7	-5834.8	1401	8.3	61524.4	-5820.1
1132	9.8	51831.9	-5824.5	1222	10.5	53826.0	-5840.2	1312	9.9	55845.2	-5832.8	1402	10.0	61532.6	-5854.3
1133	10.5	51841.3	-5811.2	1223	9.3	53830.2	-5810.6	1313	11.0	55846.1	-5843.6	1403	8.3	61544.9	-5828.2
1134	10.0	51843.3	-5849.9	1224	9.9	53852.2	-5858.0	1314	10.3	55851.6	-5819.7	1404	9.2	61552.0	-5801.2
1135	10.3	51857.2	-5842.9	1225	9.9	53913.5	-5821.2	1315	11.0	55859.6	-5807.3	1405	8.6	61558.8	-5845.2
1136	8.2	51914.7	-5813.2	1226	8.1	53920.7	-5833.4	1316	10.0	55929.7	-5811.3	1406	10.3	61631.6	-5839.0
1137	10.5	51956.4	-5822.0	1227	9.6	53939.4	-5802.0	1317	10.3	55959.0	-5829.0	1407	10.3	61636.4	-5845.0
1138	9.7	51959.3	-5829.8	1228	10.5	54023.7	-5808.1	1318	9.8	60020.2	-5825.0	1408	10.0	61654.6	-5844.0
1139	10.0	52003.3	-5829.8	1229	9.6	54051.7	-5837.2	1319	8.1	60020.2	-5813.3	1409	9.2	61715.3	-5800.1
1140	10.3	52004.1	-5837.1	1230	10.3	54052.6	-5839.1	1320	10.3	60023.8	-5820.6	1410	10.5	61718.5	-5822.0
1141	10.5	52005.4	-5820.0	1231	10.0	54056.6	-5848.1	1321	10.5	60036.5	-5841.5	1411	10.3	61720.9	-5846.0
1142	10.5	52030.2	-5808.1	1232	9.8	54121.3	-5849.1	1322	10.5	60056.7	-5806.3	1412	10.3	61720.9	-5836.2
1143	10.8	52056.4	-5809.1	1233	10.5	54219.2	-5839.3	1323	10.3	60114.1	-5847.5	1413	9.0	61723.2	-5834.0
1144	9.5	52059.2	-5825.8	1234	10.3	54222.4	-5805.0	1324	10.3	60123.1	-5844.5	1414	10.5	61750.6	-5840.8

-58 1415 6h18m

-58 1774 7h27m

1415	9.8	61808.8	-5814.2	1505	9.8	63730.8	-5821.2	1595	9.0	65722.4	-5825.3	1685	10.8	71150.0	-5844.1
1416	10.5	61814.9	-5827.9	1506	10.5	63801.5	-5815.4	1596	9.6	65726.3	-5832.6	1686	9.7	71200.3	-5836.1
1417	9.2	61818.1	-5813.3	1507	10.0	63827.7	-5805.4	1597	10.5	65755.4	-5854.6	1687	9.5	71204.3	-5829.1
1418	11.0	61819.8	-5835.5	1508	9.3	63857.5	-5827.4	1598	10.3	65800.2	-5802.6	1688	10.8	71218.4	-5814.5
1419	9.4	61852.6	-5844.9	1509	9.0	63915.5	-5807.0	1599	10.5	65812.5	-5850.5	1689	10.5	71218.7	-5801.5
1420	7.9	61903.2	-5817.8	1510	10.3	63918.9	-5815.0	1600	9.9	65819.8	-5805.8	1690	11.0	71224.4	-5849.1
1421	9.7	61916.9	-5859.6	1511	9.9	63926.9	-5837.4	1601	9.7	65824.2	-5818.5	1691	11.0	71232.8	-5809.5
1422	10.0	61923.2	-5853.9	1512	10.0	63934.5	-5828.6	1602	10.0	65824.4	-5848.5	1692	8.7	71239.3	-5856.1
1423	9.3	61938.0	-5804.2	1513	10.5	63935.2	-5804.3	1603	7.8	65832.2	-5812.6	1693	10.3	71246.7	-5842.1
1424	11.0	61942.5	-5814.2	1514	9.9	63941.3	-5839.2	1604	10.0	65837.4	-5848.5	1694	10.0	71254.8	-5830.1
1425	9.7	62004.7	-5856.6	1515	9.8	63949.3	-5858.2	1605	10.0	65904.7	-5839.5	1695	11.0	71318.4	-5852.1
1426	10.5	62007.1	-5845.9	1516	10.5	64006.5	-5837.9	1606	10.5	65908.0	-5843.5	1696	7.0	71323.4	-5819.5
1427	10.0	62007.7	-5826.2	1517	9.9	64007.8	-5806.3	1607	7.0	65909.3	-5845.5	1697	9.7	71328.9	-5849.0
1428	10.3	62007.7	-5824.9	1518	10.5	64009.7	-5841.7	1608	9.3	65910.7	-5841.5	1698	7.6	71336.2	-5835.0
1429	9.6	62030.6	-5856.8	1519	8.8	64020.9	-5803.3	1609	10.3	65923.2	-5824.3	1699	10.5	71337.1	-5832.0
1430	11.0	62033.7	-5848.9	1520	9.4	64024.2	-5835.6	1610	10.3	65947.3	-5842.5	1700	10.0	71416.8	-5858.0
1431	10.0	62112.2	-5857.8	1521	10.0	64028.2	-5821.5	1611	9.8	70022.9	-5853.3	1701	10.5	71428.4	-5857.0
1432	10.5	62117.1	-5809.9	1522	8.3	64055.9	-5821.2	1612	10.8	70038.6	-5849.5	1702	10.5	71444.2	-5804.4
1433	10.0	62119.7	-5855.8	1523	10.5	64117.6	-5855.3	1613	9.8	70059.7	-5855.6	1703	10.3	71448.9	-5822.2
1434	9.0	62137.4	-5806.9	1524	11.0	64132.6	-5804.3	1614	9.8	70102.2	-5842.4	1704	10.5	71451.6	-5855.0
1435	10.0	62140.3	-5801.8	1525	10.3	64146.9	-5828.4	1615	10.5	70110.8	-5848.4	1705	10.5	71500.7	-5854.0
1436	6.6	62154.0	-5828.8	1526	9.4	64201.8	-5835.7	1616	10.5	70119.5	-5823.5	1706	11.0	71516.5	-5816.4
1437	11.0	62214.9	-5805.9	1527	10.0	64220.9	-5816.3	1617	5.8	70119.6	-5859.4	1707	10.3	71523.7	-5803.4
1438	9.8	62227.8	-5825.8	1528	9.3	64240.4	-5844.0	1618	9.3	70124.2	-5822.0	1708	10.5	71548.7	-5811.4
1439	11.0	62241.4	-5858.8	1529	9.4	64315.2	-5804.2	1619	10.0	70133.2	-5847.7	1709	9.1	71551.5	-5846.0
1440	9.8	62249.6	-5855.5	1530	9.7	64318.7	-5856.3	1620	9.5	70148.5	-5839.4	1710	10.3	71555.0	-5806.4
1441	10.5	62326.7	-5809.8	1531	9.9	64329.7	-5852.5	1621	10.3	70156.6	-5834.4	1711	9.4	71612.9	-5840.0
1442	9.8	62333.3	-5847.8	1532	10.5	64334.9	-5840.4	1622	10.5	70205.6	-5809.5	1712	11.0	71643.5	-5833.9
1443	8.8	62335.2	-5832.8	1533	10.3	64342.8	-5833.4	1623	10.0	70209.2	-5847.4	1713	10.8	71645.4	-5817.3
1444	10.0	62357.0	-5846.8	1534	9.6	64344.3	-5813.6	1624	10.0	70219.3	-5806.5	1714	10.3	71658.4	-5826.3
1445	10.0	62403.9	-5820.7	1535	11.0	64347.7	-5822.2	1625	10.0	70228.2	-5846.4	1715	9.7	71709.3	-5831.9
1446	10.5	62408.2	-5821.7	1536	9.6	64356.4	-5842.3	1626	10.0	70234.1	-5806.5	1716	10.5	71731.9	-5848.9
1447	9.7	62414.3	-5842.7	1537	9.3	64358.9	-5845.5	1627	10.5	70234.2	-5800.5	1717	11.0	71816.0	-5800.3
1448	9.7	62414.7	-5852.7	1538	9.9	64359.4	-5842.8	1628	8.3	70234.5	-5838.4	1718	10.8	71817.8	-5813.3
1449	10.0	62421.6	-5823.9	1539	9.9	64415.9	-5817.2	1629	10.0	70244.3	-5804.5	1719	9.1	71818.4	-5855.9
1450	9.5	62434.7	-5853.7	1540	10.5	64417.1	-5853.0	1630	9.3	70256.2	-5834.4	1720	9.5	71819.4	-5815.3
1451	8.2	62447.2	-5808.8	1541	8.5	64441.7	-5831.2	1631	10.3	70317.0	-5822.4	1721	7.6	71832.6	-5826.3
1452	8.7	62452.6	-5845.5	1542	11.0	64500.1	-5823.1	1632	10.3	70345.7	-5841.4	1722	9.2	71842.3	-5812.3
1453	8.4	62454.9	-5856.7	1543	10.3	64529.8	-5812.1	1633	11.0	70350.1	-5838.4	1723	10.0	71842.3	-5813.3
1454	10.3	62519.4	-5829.7	1544	10.5	64554.3	-5806.1	1634	9.7	70404.3	-5812.6	1724	10.3	71852.8	-5807.2
1455	8.8	62559.2	-5803.7	1545	10.0	64558.8	-5807.4	1635	9.7	70411.3	-5817.3	1725	10.5	71906.2	-5803.3
1456	8.7	62604.5	-5819.6	1546	10.3	64601.8	-5800.1	1636	10.3	70414.4	-5816.0	1726	9.4	71914.7	-5834.2
1457	10.0	62607.3	-5846.9	1547	8.0	64637.8	-5819.8	1637	10.5	70422.8	-5836.3	1727	10.8	71924.0	-5841.9
1458	11.0	62625.1	-5815.7	1548	9.7	64719.3	-5805.0	1638	10.5	70425.6	-5806.4	1728	10.0	71926.3	-5812.5
1459	8.5	62630.0	-5816.5	1549	9.8	64728.3	-5806.0	1639	10.3	70425.8	-5835.3	1729	11.0	71926.3	-5810.2
1460	9.4	62648.3	-5837.5	1550	10.5	64742.3	-5811.3	1640	9.8	70429.8	-5858.3	1730	10.3	71950.2	-5831.8
1461	11.0	62654.2	-5829.7	1551	11.0	64747.1	-5801.0	1641	9.6	70432.4	-5854.3	1731	10.0	72004.7	-5846.8
1462	9.0	62657.7	-5819.7	1552	9.1	64801.5	-5850.5	1642	11.0	70436.6	-5828.3	1732	11.0	72009.9	-5846.8
1463	10.5	62701.0	-5803.5	1553	9.8	64822.3	-5807.0	1643	8.6	70443.3	-5810.8	1733	8.7	72011.5	-5829.8
1464	10.5	62718.9	-5824.6	1554	11.0	64823.6	-5817.0	1644	10.3	70455.8	-5856.3	1734	10.5	72023.8	-5850.8
1465	10.8	62720.5	-5822.0	1555	9.9	64828.4	-5801.0	1645	10.5	70458.7	-5800.4	1735	9.7	72028.5	-5801.2
1466	11.0	62721.1	-5841.6	1556	9.6	64828.8	-5836.4	1646	10.8	70504.2	-5840.3	1736	10.5	72029.8	-5851.8
1467	10.8	62749.0	-5822.6	1557	9.8	64838.2	-5803.3	1647	10.5	70504.9	-5841.3	1737	8.2	72043.8	-5839.8
1468	9.3	62802.0	-5841.8	1558	10.5	64914.4	-5811.9	1648	10.5	70516.8	-5832.3	1738	9.9	72118.1	-5850.8
1469	10.8	62833.9	-5822.7	1559	10.3	64920.7	-5859.2	1649	9.7	70528.9	-5856.3	1739	9.8	72118.4	-5826.8
1470	11.0	62841.7	-5832.6	1560	11.0	64928.3	-5822.9	1650	10.8	70536.7	-5829.3	1740	10.3	72136.4	-5821.4
1471	7.7	62915.9	-5854.8	1561	8.1	64933.4	-5810.9	1651	10.0	70600.0	-5800.4	1741	7.2	72200.8	-5814.6
1472	10.5	62933.2	-5858.0	1562	10.0	64949.7	-5829.2	1652	10.8	70616.3	-5831.3	1742	10.8	72203.2	-5837.8
1473	9.3	62942.0	-5831.8	1563	11.0	65042.1	-5818.9	1653	8.0	70622.0	-5810.6	1743	10.8	72205.6	-5805.2
1474	9.2	62956.3	-5821.6	1564	9.7	65048.2	-5857.6	1654	10.5	70623.3	-5846.3	1744	9.8	72247.0	-5811.1
1475	5.8	63006.4	-5839.7	1565	10.5	65116.2	-5805.9	1655	11.0	70639.1	-5828.3	1745	10.8	72253.9	-5854.7
1476	10.0	63013.3	-5805.9	1566	9.6	65120.8	-5811.9	1656	10.0	70645.3	-5814.4	1746	10.3	72307.1	-5858.7
1477	10.5	63016.7	-5801.8	1567	9.5	65122.8	-5826.4	1657	10.3	70659.0	-5809.4	1747	10.8	72310.2	-5841.7
1478	10.8	63022.3	-5811.3	1568	10.0	65131.3	-5846.2	1658	10.3	70701.9	-5852.6	1748	11.0	72312.4	-5836.7
1479	10.3	63033.1	-5852.4	1569	9.8	65201.5	-5817.7	1659	10.3	70706.8	-5846.2	1749	9.4	72319.9	-5816.7
1480	10.3	63035.0	-5845.2	1570	11.0	65206.2	-5803.8	1660	9.6	70707.0	-5853.2	1750	9.3	72322.4	-5849.7
1481	10.0	63038.6	-5836.0	1571	11.0	65223.1	-5816.8	1661	10.5	70736.7	-5801.3	1751	9.6	72341.4	-5847.7
1482	9.3	63109.7	-5857.0	1572	9.6	65240.6	-5833.7	1662	10.5	70753.9	-5854.3	1752	10.5	72346.2	-5802.1
1483	10.5	63116.2	-5829.5	1573	10.8	65246.8	-5816.8	1663	10.3	70755.2	-5844.2	1753	10.5	72351.0	-5805.1
1484	10.0	63118.3	-5834.4	1574	10.3	65257.0	-5841.7	1664	9.6	70758.9	-5851.2	1754	10.3	72403.0	-5821.9
1485	9.8	63146.3	-5832.7	1575	9.1	65309.6	-5846.6	1665	8.2	70810.1	-5847.2	1755	11.0	72439.3	-5846.7
1486	9.8	63147.3	-5808.6	1576	9.9	65317.3	-5809.8	1666	9.7	70821.8	-5832.2	1756	9.3	72500.7	-5844.7
1487	10.0	63215.8	-5811.6	1577	10.5	65317.6	-5800.8	1667	8.2	70848.6	-5839.2	1757	10.3	72501.9	-5851.7
1488	10.5	63224.4	-5814.6	1578	9.8	65344.9	-5810.8	1668	10.5	70855.7	-5845.2	1758	9.8	72508.9	-5850.7
1489	9.8	63231.2	-5858.7	1579	9.0	65349.5	-5814.8	1669	10.3	70900.8	-5841.2	1759	11.0	72527.4	-5846.7
1490	10.8	63237.7	-5801.8	1580	10.0	65404.3	-5804.8	1670	9.3	70908.0	-5811.4	1760	9.5	72541.6	-5815.0
1491	9.3	63238.0	-5842.4	1581	11.0	65414.2	-5858.7	1671	10.0	70944.3	-5835.2	1761	10.8	72554.3	-5826.7
1492	10.5	63246.8	-5808.5	1582	10.5	65426.0	-5824.6	1672	8.4	70948.7	-5838.2	1762	8.4	72611.1	-5816.7
1493	10.5	63250.8	-5809.5	1583	11.0	65446.7	-5839.6	1673	9.9	71000.4	-5849.0	1763	8.7	72622.7	-5809.0
1494	9.9	63328.3	-5812.5	1584	10.8	65504.1	-5859.6	1674	11.0	71001.6	-5850.2	1764	10.5	72634.4	-5801.0
1495	8.8	63336.2	-5859.2	1585	11.0	65517.2	-5833.6	1675	7.8	71012.4	-5811.5	1765	9.4	72638.3	-5835.6
1496	9.2	63337.8	-5806.5	1586	10.3	65527.9	-5812.7	1676	8.9	71027.7	-5801.5	1766	10.8	72709.8	-5801.0
1497	9.2	63359.0	-5802.5	1587	10.8	65542.2	-5842.6	1677	10.8	71039.8	-5819.5	1767	11.0	72718.4	-5824.6
1498	8.2	63444.2	-5818.3	1588	10.0	65603.2	-5815.7	1678	11.0	71040.7	-5845.1	1768	9.4	72733.8	-5829.3
1499	9.8	63503.2	-5821.2	1589	10.5	65609.4	-5832.6	1679	9.9	71048.4	-5852.1	1769	9.8	72738.3	-5805.0
1500	8.1	63528.7	-5804.4	1590	10.5	65633.2	-5800.7	1680	9.5	71048.9	-5816.5	1770	10.8	72739.5	-5851.6
1501	10.8	63548.7	-5803.4	1591	10.5	65641.4	-5849.4	1681	9.9	71050.7	-5838.3	1771	10.3	72745.3	-5837.8
1502	10.3	63629.9	-5814.4	1592	8.1	65703.5	-5820.6	1682	10.3	71053.8	-5814.1	1772	10.8	72748.7	-5846.3
1503	8.1	63630.2	-5813.4	1593	9.5	65709.3	-5836.6	1683	10.5	71108.5	-5844.4	1773	9.5	72748.7	-5834.4
1504	8.3	63706.4	-5843.0	1594	9.5	65709.8	-5832.8	1684	9.8	71135.3	-5811.1	1774	9.7	72757.2	-5820.0

-58 1775 7h28m

-58 2134 8h27m

1775	9.8	72802.4	-5816.8	1865	9.2	74329.4	-5818.0	1955	10.5	75958.5	-5851.9
1776	10.5	72835.4	-5817.0	1866	9.1	74338.5	-5828.0	1956	10.5	80011.1	-5851.9
1777	8.9	72835.9	-5811.0	1867	9.4	74339.2	-5859.4	1957	11.3	80037.9	-5820.9
1778	8.8	72839.5	-5856.4	1868	7.5	74412.2	-5847.4	1958	11.0	80038.4	-5817.0
1779	9.8	72859.8	-5828.9	1869	10.5	74436.1	-5801.5	1959	10.8	80052.1	-5834.9
1780	10.0	72919.6	-5812.9	1870	8.7	74437.5	-5835.6	1960	11.0	80056.0	-5805.0
1781	10.5	72929.1	-5825.9	1871	10.3	74439.6	-5823.2	1961	11.0	80108.0	-5801.0
1782	10.8	72938.4	-5832.9	1872	10.3	74452.0	-5833.4	1962	11.5	80108.1	-5811.0
1783	10.8	72954.3	-5828.9	1873	9.8	74453.9	-5845.6	1963	11.3	80132.9	-5800.0
1784	10.8	72955.3	-5846.9	1874	8.8	74457.7	-5845.8	1964	11.0	80147.3	-5821.8
1785	10.5	73000.4	-5802.9	1875	10.5	74504.3	-5844.4	1965	10.5	80152.2	-5853.8
1786	10.0	73019.2	-5855.5	1876	10.5	74505.3	-5800.4	1966	11.3	80233.3	-5839.8
1787	9.6	73031.3	-5850.8	1877	9.9	74523.4	-5816.4	1967	10.3	80238.7	-5817.9
1788	9.8	73044.3	-5845.8	1878	10.0	74524.2	-5851.4	1968	9.0	80248.6	-5852.9
1789	10.8	73044.7	-5829.8	1879	8.1	74525.3	-5813.4	1969	11.3	80249.4	-5812.9
1790	7.5	73121.0	-5854.8	1880	9.3	74535.7	-5801.4	1970	10.3	80305.8	-5859.8
1791	9.8	73132.8	-5843.8	1881	9.6	74537.5	-5828.4	1971	10.8	80309.7	-5816.6
1792	10.5	73149.3	-5815.9	1882	10.5	74543.0	-5827.4	1972	10.0	80310.2	-5835.8
1793	11.0	73150.7	-5808.9	1883	10.3	74543.0	-5830.0	1973	11.3	80338.5	-5801.9
1794	9.6	73155.7	-5829.3	1884	9.8	74559.4	-5824.3	1974	11.3	80346.0	-5822.6
1795	10.8	73200.2	-5840.8	1885	10.3	74605.8	-5845.0	1975	11.0	80347.2	-5831.8
1796	9.5	73202.7	-5832.8	1886	10.8	74607.9	-5827.3	1976	11.0	80349.7	-5847.8
1797	9.5	73209.1	-5802.8	1887	9.8	74628.8	-5806.8	1977	10.8	80413.8	-5822.4
1798	11.0	73211.9	-5808.8	1888	11.0	74630.4	-5825.3	1978	9.6	80438.3	-5807.6
1799	8.6	73229.6	-5822.8	1889	10.8	74633.7	-5833.3	1979	11.0	80438.7	-5833.7
1800	10.3	73239.7	-5839.8	1890	10.0	74636.7	-5803.4	1980	10.0	80441.5	-5849.9
1801	10.3	73245.7	-5815.8	1891	11.0	74700.1	-5840.3	1981	9.8	80445.6	-5809.8
1802	9.9	73246.2	-5856.8	1892	10.0	74718.9	-5812.4	1982	10.3	80447.4	-5813.8
1803	10.0	73250.0	-5820.3	1893	8.5	74736.9	-5815.6	1983	10.0	80500.0	-5819.8
1804	11.0	73314.1	-5851.8	1894	9.7	74739.0	-5818.8	1984	11.5	80504.9	-5807.8
1805	11.0	73329.5	-5842.7	1895	10.8	74746.2	-5852.3	1985	10.3	80510.4	-5800.0
1806	10.3	73337.0	-5829.7	1896	10.3	74827.9	-5814.3	1986	9.5	80514.3	-5824.9
1807	9.9	73338.8	-5813.8	1897	9.9	74830.7	-5816.3	1987	10.3	80518.4	-5801.8
1808	10.8	73356.6	-5819.8	1898	9.0	74841.2	-5851.3	1988	11.5	80542.7	-5819.8
1809	7.9	73416.5	-5805.8	1899	11.0	74845.1	-5828.3	1989	10.5	80550.4	-5800.8
1810	10.5	73425.8	-5848.6	1900	8.9	74922.3	-5820.1	1990	10.5	80552.8	-5833.7
1811	10.8	73441.4	-5846.7	1901	10.0	74928.2	-5818.3	1991	10.5	80553.8	-5832.7
1812	10.0	73442.8	-5807.8	1902	11.0	74939.0	-5839.2	1992	9.3	80605.2	-5852.0
1813	11.0	73513.2	-5848.7	1903	9.6	74941.7	-5840.2	1993	8.5	80616.6	-5815.4
1814	9.4	73527.2	-5839.5	1904	10.0	74954.4	-5858.2	1994	10.0	80617.4	-5814.6
1815	9.7	73528.8	-5828.2	1905	10.5	74958.5	-5816.3	1995	10.8	80638.0	-5823.7
1816	11.0	73534.0	-5840.7	1906	9.5	75028.3	-5819.0	1996	9.7	80642.7	-5856.7
1817	11.0	73539.1	-5815.7	1907	9.6	75037.4	-5840.6	1997	10.5	80700.5	-5828.4
1818	9.6	73545.8	-5825.7	1908	10.5	75039.3	-5847.2	1998	10.8	80718.3	-5849.7
1819	9.7	73553.2	-5820.7	1909	10.3	75129.7	-5805.3	1999	10.3	80725.4	-5814.6
1820	10.0	73610.8	-5813.3	1910	10.5	75141.2	-5845.2	2000	11.5	80726.6	-5822.8
1821	8.8	73618.5	-5820.7	1911	10.8	75147.3	-5805.2	2001	10.5	80733.3	-5840.6
1822	10.0	73627.9	-5816.7	1912	7.8	75149.5	-5815.0	2002	10.5	80734.7	-5854.6
1823	10.8	73653.2	-5827.6	1913	8.2	75213.6	-5824.4	2003	10.0	80817.0	-5816.7
1824	10.8	73744.1	-5858.6	1914	10.8	75229.3	-5825.0	2004	11.5	80817.2	-5814.7
1825	9.9	73747.6	-5847.6	1915	9.1	75237.0	-5816.7	2005	11.0	80820.0	-5857.6
1826	10.8	73749.4	-5813.7	1916	9.7	75248.4	-5817.0	2006	10.5	80823.3	-5807.7
1827	8.4	73755.8	-5856.0	1917	11.0	75251.3	-5805.2	2007	9.6	80837.3	-5809.7
1828	9.4	73756.4	-5824.6	1918	9.4	75257.7	-5810.2	2008	11.0	80839.5	-5819.7
1829	9.6	73813.7	-5802.7	1919	11.0	75304.0	-5835.1	2009	9.7	80852.5	-5857.4
1830	9.6	73818.6	-5843.6	1920	10.8	75318.9	-5849.1	2010	10.3	80852.7	-5856.9
1831	9.6	73832.7	-5800.7	1921	10.5	75322.2	-5857.1	2011	7.6	80908.0	-5852.6
1832	7.6	73836.2	-5834.6	1922	9.1	75332.2	-5827.6	2012	11.0	80919.2	-5821.7
1833	9.6	73919.4	-5822.6	1923	9.6	75339.7	-5854.6	2013	9.6	80939.5	-5810.9
1834	11.0	73925.9	-5845.6	1924	10.3	75402.6	-5846.1	2014	10.8	80946.7	-5846.6
1835	9.8	73931.8	-5826.6	1925	9.0	75419.8	-5845.2	2015	9.6	80950.7	-5838.6
1836	9.8	73935.2	-5836.5	1926	7.0	75430.0	-5847.1	2016	9.4	81005.0	-5836.6
1837	10.5	73935.4	-5811.6	1927	9.3	75431.7	-5855.1	2017	11.0	81019.6	-5817.7
1838	11.0	73945.1	-5858.5	1928	10.5	75443.5	-5819.2	2018	10.5	81044.1	-5804.2
1839	6.6	73952.5	-5820.2	1929	10.0	75446.0	-5835.1	2019	9.2	81047.9	-5820.2
1840	9.8	73959.5	-5818.6	1930	10.8	75517.9	-5851.0	2020	11.0	81106.1	-5854.5
1841	7.0	74004.0	-5822.5	1931	9.6	75540.8	-5858.0	2021	8.4	81111.9	-5814.8
1842	10.0	74016.0	-5820.0	1932	10.8	75546.1	-5809.1	2022	10.8	81113.5	-5830.5
1843	9.7	74030.6	-5852.3	1933	9.9	75617.5	-5833.0	2023	10.8	81122.2	-5809.6
1844	9.8	74032.3	-5812.6	1934	10.3	75618.6	-5852.7	2024	11.3	81127.1	-5839.5
1845	9.4	74043.4	-5821.2	1935	11.0	75653.6	-5835.0	2025	10.5	81128.7	-5851.5
1846	11.0	74059.0	-5855.5	1936	10.8	75719.9	-5855.0	2026	8.6	81130.2	-5809.8
1847	9.5	74103.1	-5812.6	1937	8.6	75726.4	-5852.0	2027	11.0	81132.9	-5832.5
1848	10.3	74115.4	-5835.5	1938	10.3	75732.7	-5859.0	2028	10.8	81139.2	-5826.5
1849	11.0	74117.2	-5837.5	1939	10.3	75802.2	-5839.8	2029	10.5	81140.7	-5814.6
1850	8.6	74131.7	-5810.6	1940	8.6	75807.7	-5830.9	2030	11.3	81155.9	-5848.5
1851	11.0	74137.5	-5807.6	1941	10.5	75815.9	-5856.9	2031	9.3	81210.6	-5826.7
1852	11.5	74138.9	-5830.5	1942	10.3	75820.9	-5822.5	2032	10.0	81216.3	-5847.8
1853	10.5	74140.3	-5808.2	1943	9.6	75824.2	-5829.2	2033	10.3	81223.8	-5838.5
1854	9.8	74143.4	-5837.5	1944	11.8	75830.1	-5810.1	2034	10.8	81240.2	-5816.6
1855	8.3	74155.1	-5810.5	1945	10.5	75843.7	-5853.8	2035	10.8	81256.7	-5856.5
1856	9.3	74158.4	-5821.4	1946	10.8	75844.7	-5800.0	2036	10.0	81300.0	-5857.2
1857	10.0	74201.6	-5800.5	1947	10.8	75849.9	-5815.0	2037	9.8	81311.3	-5841.5
1858	10.5	74209.1	-5827.5	1948	11.0	75857.8	-5839.9	2038	9.8	81319.3	-5846.5
1859	9.8	74224.3	-5813.5	1949	10.5	75858.7	-5803.0	2039	10.5	81321.3	-5810.6
1860	10.5	74234.7	-5838.8	1950	10.0	75913.6	-5845.9	2040	10.8	81322.8	-5803.2
1861	8.5	74243.8	-5838.8	1951	9.7	75914.7	-5855.2	2041	10.8	81343.0	-5830.4
1862	10.8	74254.3	-5845.9	1952	11.0	75920.8	-5832.9	2042	9.7	81344.2	-5832.8
1863	11.0	74300.9	-5800.5	1953	10.5	75932.7	-5802.0	2043	10.5	81354.3	-5811.8
1864	7.7	74315.4	-5838.4	1954	10.3	75937.1	-5822.2	2044	11.0	81357.5	-5809.6
2045	10.3	81424.8	-5824.2								
2046	11.3	81431.8	-5806.5								
2047	11.0	81433.8	-5811.5								
2048	7.1	81456.2	-5818.4								
2049	11.0	81510.0	-5811.6								
2050	10.0	81513.9	-5847.4								
2051	6.8	81522.6	-5846.4								
2052	9.6	81525.3	-5847.4								
2053	11.0	81556.0	-5854.4								
2054	10.5	81605.9	-5849.4								
2055	11.0	81611.8	-5837.4								
2056	9.0	81619.1	-5819.4								
2057	8.9	81620.3	-5814.4								
2058	11.0	81624.0	-5821.6								
2059	10.8	81635.8	-5815.5								
2060	10.3	81645.7	-5852.3								
2061	8.1	81703.8	-5829.5								
2062	10.3	81718.2	-5859.3								
2063	10.0	81731.4	-5818.5								
2064	10.8	81734.3	-5829.3								
2065	10.0	81739.9	-5836.3								
2066	11.0	81808.5	-5800.5								
2067	11.5	81820.3	-5853.3								
2068	9.5	81828.5	-5857.1								
2069	11.0	81851.7	-5822.5								
2070	11.0	81854.3	-5824.5								
2071	8.3	81916.4	-5819.4								
2072	10.8	81927.2	-5809.5								
2073	10.5	81940.0	-5826.3								
2074	8.7	81945.5	-5824.1								
2075	9.3	81948.8	-5819.2								
2076	9.6	81949.7	-5837.4								
2077	9.5	81954.2	-5808.8								
2078	10.5	81956.4	-5834.2								
2079	10.8	82012.4	-5808.5								
2080	10.3	82029.4	-5807.0								
2081	10.5	82038.4	-5824.2								
2082	10.0	82042.3	-5849.0								
2083	10.5	82045.5	-5825.5								
2084	10.0	82056.0	-5856.2								
2085	10.5	82059.0	-5844.2								
2086	11.0	82059.8	-5824.5								
2087	9.6	82104.3	-5804.2								
2088	11.5	82105.8	-5803.4								
2089	11.0	82116.1	-5818.4								
2090	11.0	82123.1	-5816.4								
2091	11.0	82123.2	-5819.4								
2092	10.8	82126.2	-5825.3								
2093	10.8	82129.7	-5809.4								
2094	10.8	82141.0	-5817.0								
2095	9.4	82158.8	-5844.2								
2096	9.7	82200.3	-5842.9								
2097	10.0	82207.1	-5824.2								
2098	9.0	82208.8	-5800.8								
2099	10.5	82211.6	-5849.2								
2100	10.8	82229.6	-5814.2								
2101	10.5	82241.3	-5849.2								
2102	9.3	82244.0	-5814.6								
2103	9.5	82259.7	-5831.9								
2104	9.1	82303.6	-5849.3								
2105	10.0	82319.7	-5803.6								
2106	9.5	82320.7	-5838.8								
2107	10.8	82323.0	-5843.1								
2108	10.0	82327.9	-5821.4								
2109	9.8	82329.7	-5833.4								
2110	9.8	82351.4	-5848.1								
2111	10.5	82400.1	-5849.1								
2112	9.5	82404.8	-5849.1								
2113	9.3	82406.3	-5856.1								
2114	9.6	82407.3	-5811.3								
2115	11.0	82412.3	-5803.1								
2116	10.3	82426.0	-5823.5								
2117	11.0	82442.4	-5807.3								
2118	10.8	82447.2	-5852.1								
2119	10.5	82450.6	-5800.3								
2120	9.3	82451.4	-5851.1								
2121	11.0	82553.8	-5856.1								
2122	9.8	82616.0	-5814.0								
2123	9.8	82630.5	-5829.0								
2124	10.8	82636.6	-5850.0								
2125	10.8	82637.9	-5806.3								
2126	10.3	82647.0	-5828.0								
2127	11.5	82651.4	-5810.3								
2128	10.5	82657.6	-5814.3								
2129	10.3	82704.6	-5834.0								
2130	10.5	82705.6	-5814.3								
2131	9.8	82708.8	-5827.4								
2132	11.5	82732.3	-5801.2								
2133	11.5	82740.8	-5823.2								
2134	8.7	82743.6	-5847.2								

-58 2135 8h27m

-58 2494 9h10m

2135	11.0	82746.5	-5821.2	2225	9.8	84037.7	-5826.6	2315	10.5	85034.8	-5853.0
2136	10.8	82752.5	-5802.0	2226	11.0	84038.0	-5802.6	2316	10.5	85037.3	-5849.7
2137	10.3	82753.3	-5827.1	2227	9.6	84040.2	-5803.6	2317	10.3	85048.3	-5806.3
2138	10.8	82755.0	-5839.0	2228	10.0	84047.7	-5852.6	2318	10.8	85049.7	-5801.3
2139	10.0	82809.7	-5852.0	2229	9.3	84047.8	-5856.3	2319	10.5	85050.8	-5816.3
2140	10.8	82820.8	-5812.2	2230	10.0	84055.7	-5844.2	2320	10.5	85053.2	-5840.6
2141	11.5	82826.8	-5815.2	2231	9.5	84059.2	-5817.0	2321	11.0	85057.3	-5850.0
2142	11.5	82827.8	-5816.2	2232	10.5	84109.3	-5808.5	2322	9.1	85104.2	-5842.7
2143	9.8	82829.8	-5821.1	2233	11.0	84114.9	-5859.0	2323	10.5	85112.3	-5834.9
2144	8.1	82833.6	-5848.0	2234	11.0	84119.8	-5805.5	2324	10.5	85132.5	-5817.3
2145	9.3	82839.7	-5834.0	2235	11.0	84130.7	-5810.5	2325	10.5	85133.0	-5818.3
2146	10.8	82845.2	-5814.2	2236	11.0	84134.0	-5851.2	2326	10.8	85142.7	-5843.7
2147	11.0	82850.3	-5832.0	2237	8.8	84140.5	-5835.0	2327	10.8	85144.2	-5845.9
2148	11.0	82852.6	-5829.0	2238	10.3	84140.6	-5808.5	2328	9.4	85148.2	-5824.3
2149	9.7	82858.7	-5833.5	2239	11.5	84143.7	-5810.6	2329	11.0	85148.9	-5859.9
2150	10.8	82910.7	-5812.2	2240	9.8	84145.3	-5852.0	2330	9.9	85149.8	-5832.9
2151	10.5	82913.5	-5830.9	2241	10.8	84202.8	-5816.8	2331	10.8	85153.8	-5856.9
2152	11.0	82914.2	-5814.2	2242	7.3	84207.0	-5816.5	2332	8.5	85205.4	-5812.7
2153	9.8	82916.2	-5833.5	2243	10.3	84209.3	-5820.4	2333	10.3	85209.2	-5824.7
2154	10.0	82918.7	-5837.9	2244	10.8	84211.3	-5852.2	2334	10.8	85220.6	-5821.0
2155	10.5	82939.8	-5843.9	2245	11.3	84217.0	-5800.0	2335	11.0	85225.3	-5833.9
2156	10.8	82944.8	-5841.9	2246	10.5	84220.1	-5845.8	2336	10.8	85231.8	-5835.9
2157	9.0	82953.2	-5808.6	2247	9.0	84228.9	-5800.0	2337	11.0	85244.2	-5857.9
2158	9.7	83005.2	-5826.9	2248	9.8	84240.7	-5844.2	2338	8.5	85251.3	-5856.9
2159	10.8	83021.8	-5841.9	2249	10.0	84244.7	-5825.7	2339	11.0	85253.4	-5835.9
2160	10.5	83024.7	-5830.9	2250	9.9	84259.2	-5828.2	2340	10.8	85255.7	-5803.7
2161	9.6	83039.3	-5841.9	2251	10.3	84300.9	-5833.2	2341	10.0	85256.4	-5859.6
2162	9.5	83045.2	-5835.9	2252	10.8	84307.1	-5831.2	2342	11.0	85312.3	-5828.9
2163	10.3	83049.7	-5838.9	2253	9.6	84315.8	-5805.2	2343	11.0	85325.2	-5820.9
2164	11.0	83156.3	-5855.9	2254	9.9	84318.3	-5852.2	2344	9.8	85342.7	-5846.2
2165	7.9	83203.4	-5822.0	2255	11.3	84338.3	-5807.2	2345	11.0	85349.7	-5825.0
2166	9.7	83231.5	-5811.2	2256	9.5	84343.5	-5809.9	2346	11.0	85350.7	-5819.5
2167	10.5	83231.9	-5841.8	2257	10.3	84344.8	-5823.1	2347	5.1	85355.3	-5844.8
2168	10.5	83235.0	-5824.8	2258	9.7	84345.7	-5828.0	2348	11.0	85357.5	-5855.2
2169	10.3	83245.3	-5823.0	2259	10.8	84349.9	-5822.4	2349	9.5	85359.2	-5839.4
2170	10.5	83252.9	-5840.8	2260	10.3	84400.4	-5811.0	2350	7.3	85400.1	-5844.8
2171	10.3	83309.2	-5817.1	2261	9.8	84409.7	-5844.3	2351	10.5	85403.3	-5836.8
2172	10.0	83310.9	-5858.8	2262	11.0	84412.1	-5840.1	2352	10.8	85405.0	-5845.8
2173	10.8	83325.2	-5810.8	2263	10.8	84422.5	-5802.5	2353	8.1	85408.3	-5805.9
2174	10.3	83350.3	-5818.9	2264	11.0	84429.0	-5839.1	2354	9.0	85411.8	-5804.7
2175	10.5	83407.8	-5818.9	2265	8.9	84430.8	-5801.4	2355	11.0	85415.2	-5827.8
2176	10.3	83408.2	-5816.0	2266	10.0	84435.2	-5852.0	2356	11.0	85417.5	-5816.7
2177	10.3	83413.4	-5852.8	2267	10.5	84437.1	-5800.2	2357	10.8	85425.3	-5853.8
2178	10.3	83417.5	-5859.8	2268	11.0	84440.0	-5803.0	2358	10.8	85432.8	-5824.8
2179	10.5	83422.0	-5809.3	2269	9.9	84502.8	-5855.1	2359	9.8	85433.4	-5856.8
2180	11.5	83423.3	-5807.0	2270	9.8	84509.2	-5845.2	2360	9.7	85439.3	-5812.2
2181	11.0	83430.8	-5822.2	2271	10.5	84528.7	-5803.6	2361	10.5	85442.0	-5821.8
2182	9.5	83435.0	-5802.8	2272	9.6	84530.2	-5824.0	2362	10.0	85444.2	-5814.7
2183	10.5	83437.5	-5831.8	2273	10.8	84535.7	-5842.3	2363	10.5	85445.3	-5858.8
2184	9.7	83439.3	-5843.8	2274	11.0	84545.0	-5853.1	2364	9.8	85447.1	-5818.8
2185	10.5	83455.8	-5815.0	2275	11.0	84602.8	-5824.1	2365	10.0	85449.7	-5817.2
2186	11.5	83458.8	-5812.9	2276	10.8	84620.3	-5856.1	2366	10.8	85503.2	-5827.8
2187	10.8	83510.0	-5821.4	2277	11.3	84624.4	-5818.4	2367	11.0	85509.3	-5859.6
2188	11.5	83514.1	-5803.9	2278	10.8	84633.7	-5857.8	2368	10.3	85510.3	-5804.7
2189	9.1	83530.5	-5827.5	2279	9.7	84637.0	-5859.9	2369	7.9	85513.8	-5842.8
2190	11.0	83535.0	-5806.9	2280	10.8	84644.8	-5849.8	2370	10.3	85518.3	-5843.8
2191	9.3	83537.8	-5818.9	2281	10.5	84650.6	-5823.9	2371	10.3	85549.0	-5838.8
2192	10.5	83557.5	-5824.7	2282	10.5	84652.8	-5835.1	2372	10.8	85550.5	-5833.8
2193	10.3	83614.7	-5825.7	2283	11.0	84703.1	-5845.1	2373	10.3	85553.2	-5846.8
2194	10.5	83618.3	-5808.2	2284	11.0	84707.3	-5805.8	2374	10.8	85618.2	-5825.8
2195	9.2	83624.8	-5824.9	2285	10.8	84715.3	-5807.2	2375	8.0	85619.0	-5815.5
2196	9.2	83627.2	-5825.9	2286	10.8	84717.2	-5811.0	2376	10.8	85619.2	-5846.8
2197	11.0	83637.8	-5819.7	2287	9.2	84724.0	-5825.1	2377	5.2	85620.7	-5836.0
2198	9.7	83639.3	-5822.0	2288	11.0	84738.4	-5845.0	2378	9.0	85624.9	-5859.0
2199	10.5	83642.8	-5845.7	2289	9.2	84753.7	-5819.2	2379	9.8	85628.0	-5804.3
2200	9.5	83646.2	-5838.7	2290	10.8	84755.2	-5856.8	2380	10.8	85628.3	-5820.8
2201	11.5	83713.2	-5813.8	2291	10.3	84759.3	-5837.0	2381	8.5	85629.6	-5833.0
2202	9.8	83722.3	-5842.7	2292	11.0	84804.2	-5819.0	2382	11.0	85629.8	-5830.8
2203	10.8	83740.0	-5825.7	2293	9.3	84810.7	-5827.5	2383	10.3	85642.8	-5854.8
2204	10.0	83805.2	-5855.7	2294	11.0	84814.8	-5846.8	2384	9.9	85659.1	-5832.6
2205	11.3	83806.0	-5820.7	2295	9.8	84829.2	-5813.3	2385	8.7	85659.8	-5810.7
2206	9.9	83809.0	-5808.4	2296	9.7	84830.8	-5815.3	2386	9.9	85705.7	-5839.5
2207	11.0	83810.2	-5800.7	2297	9.3	84831.5	-5834.8	2387	9.8	85707.2	-5809.9
2208	10.5	83817.0	-5826.6	2298	11.0	84843.7	-5825.0	2388	11.0	85719.3	-5811.9
2209	9.5	83824.7	-5820.8	2299	10.0	84922.0	-5809.8	2389	11.0	85723.3	-5835.8
2210	10.8	83829.3	-5836.8	2300	11.0	84924.5	-5859.0	2390	11.0	85727.0	-5841.8
2211	10.5	83844.6	-5825.6	2301	10.8	84929.3	-5829.5	2391	10.5	85743.9	-5835.8
2212	9.0	83847.2	-5837.6	2302	10.5	84930.5	-5806.6	2392	10.8	85745.8	-5853.0
2213	10.3	83900.2	-5858.8	2303	10.0	84932.2	-5822.0	2393	11.0	85750.3	-5854.9
2214	11.5	83900.1	-5807.6	2304	11.0	84938.7	-5828.0	2394	10.5	85759.6	-5834.9
2215	10.8	83908.9	-5800.6	2305	11.0	84941.2	-5851.0	2395	10.3	85807.6	-5811.7
2216	8.9	83923.8	-5858.6	2306	8.6	84944.2	-5802.5	2396	10.8	85811.8	-5821.0
2217	9.9	83924.9	-5822.0	2307	10.8	84950.3	-5832.8	2397	11.0	85819.2	-5808.4
2218	9.8	83925.8	-5805.6	2308	11.0	85002.8	-5850.6	2398	11.0	85821.3	-5827.7
2219	9.3	83939.8	-5802.8	2309	10.8	85014.7	-5810.8	2399	9.5	85829.8	-5853.6
2220	9.8	83943.7	-5841.6	2310	9.3	85017.7	-5833.0	2400	10.8	85835.3	-5811.3
2221	11.5	83946.2	-5802.5	2311	9.5	85019.2	-5826.0	2401	10.2	85839.1	-5809.9
2222	10.8	84020.0	-5800.7	2312	10.8	85019.3	-5806.5	2402	11.0	85845.6	-5828.7
2223	10.0	84024.7	-5831.6	2313	9.7	85025.2	-5847.3	2403	10.8	85855.8	-5852.7
2224	9.8	84031.9	-5833.6	2314	10.8	85025.8	-5851.0	2404	11.0	85859.2	-5844.0
2405	10.8	85903.0	-5830.9
2406	10.8	85903.3	-5858.9
2407	10.5	85903.9	-5803.7
2408	9.8	85908.3	-5822.2
2409	11.0	85923.4	-5849.7
2410	10.8	85924.2	-5821.7
2411	11.0	85925.5	-5814.9
2412	9.5	85929.7	-5815.5
2413	11.0	85931.6	-5808.7
2414	10.5	85935.1	-5833.7
2415	11.0	85938.1	-5835.7
2416	10.5	85938.3	-5831.9
2417	10.3	85938.6	-5810.7
2418	10.5	85940.8	-5814.7
2419	11.0	85943.0	-5833.7
2420	10.5	85953.9	-5850.7
2421	9.6	90004.9	-5859.4
2422	10.8	90021.6	-5821.7
2423	10.5	90104.8	-5805.6
2424	8.7	90111.7	-5840.0
2425	8.6	90117.0	-5819.0
2426	10.5	90120.1	-5836.6
2427	10.0	90138.9	-5850.6
2428	11.0	90145.1	-5820.5
2429	8.7	90150.4	-5815.8
2430	10.0	90205.6	-5804.8
2431	9.4	90213.8	-5808.2
2432	8.5	90213.9	-5825.6
2433	9.5	90227.3	-5845.4
2434	9.7	90229.3	-5805.6
2435	10.5	90241.2	-5827.6
2436	10.5	90243.2	-5825.6
2437	11.0	90249.8	-5800.6
2438	9.5	90307.6	-5810.6
2439	8.8	90308.4	-5833.8
2440	8.0	90311.1	-5842.4
2441	10.8	90313.3	-5817.6
2442	9.6	90338.2	-5815.4
2443	9.6	90345.2	-5821.6
2444	10.8	90345.3	-5803.6
2445	8.4	90349.0	-5808.8
2446	7.9	90411.5	-5838.6
2447	11.0	90418.6	-5854.6
2448	7.8	90427.3	-5840.6
2449	11.0	90444.6	-5856.6
2450	10.8	90444.8	-5800.6
2451	9.5	90445.3	-5831.3
2452	11.0	90446.7	-5834.6
2453	10.3	90458.9	-5818.6
2454	11.0	90459.7	-5824.6
2455	10.5	90514.2	-5844.1
2456	11.0	90524.1	-5852.5
2457	10.0	90524.3	-5811.2
2458	10.8	90525.3	-5832.3
2459	10.5	90553.2	-5846.5
2460	7.8	90601.6	-5845.5
2461	10.0	90608.6	-5815.6
2462	10.3	90610.7	-5825.6
2463	11.0	90613.5	-5845.3
2464	9.7	90613.6	-5830.5
2465	10.0	90614.8	-5811.6
2466	10.8	90615.2	-5824.5
2467	10.3	90626.2	-5815.8
2468	9.6	90628.3	-5834.5
2469	9.7	90639.1	-5807.0
2470	10.8	90651.8	-5848.5
2471	10.0	90700.0	-5808.8
2472	11.0	90711.7	-5816.6
2473	10.5	90712.6	-5859.1
2474	10.0	90716.2	-5808.6
2475	9.7	90721.3	-5859.8
2476	3.5	90740.9	-5827.0
2477	9.0	90748.5	-5842.3
2478	10.0	90749.2	-5845.5
2479	8.5	90828.0	-5810.6
2480	8.1	90832.3	-5816.8
2481	9.5	90840.2	-5821.4
2482	10.5	90848.8	-5855.6
2483	10.5	90859.2	-5819.8
2484	10.3	90914.3	-5814.5
2485	11.0	90916.2	-5856.4
2486	10.5	90916.6	-5824.5
2487	10.0	90924.1	-5843.4
2488	10.5	90926.3	-5824.6
2489	8.6	90927.6	-5808.5
2490	11.0	90935.1	-5830.4
2491	5.6	90939.0	-5854.2
2492	10.3	90956.0	-5834.7
2493	11.0	91000.4	-5855.4
2494	10.5	91003.2	-5828.1

-58 2495 9h10m

-58 2854 9h48m

2495	10.3	91015.2	-5842.4	2585	11.0	92006.5	-5859.2	2675	10.0	93024.2	-5802.5	2765	10.3	94023.4	-5824.0
2496	10.0	91015.7	-5844.8	2586	10.8	92018.4	-5820.8	2676	10.3	93038.2	-5821.1	2766	10.5	94024.0	-5832.0
2497	10.5	91025.8	-5809.5	2587	10.5	92020.1	-5816.4	2677	10.8	93046.6	-5822.5	2767	9.9	94025.7	-5851.0
2498	10.3	91027.1	-5800.5	2588	11.3	92025.4	-5832.1	2678	4.8	93048.3	-5840.1	2768	10.0	94025.9	-5824.3
2499	9.2	91051.7	-5823.4	2589	11.0	92030.2	-5847.1	2679	11.0	93056.3	-5856.1	2769	9.2	94030.5	-5836.2
2500	9.8	91056.8	-5852.2	2590	9.4	92040.0	-5825.5	2680	10.8	93058.7	-5801.5	2770	9.8	94031.3	-5803.3
2501	10.5	91059.6	-5831.2	2591	10.0	92046.8	-5806.4	2681	8.7	93103.8	-5801.4	2771	10.5	94040.6	-5819.2
2502	9.7	91104.2	-5818.5	2592	8.1	92107.8	-5809.4	2682	10.8	93114.8	-5848.1	2772	10.3	94044.4	-5823.2
2503	9.7	91115.7	-5816.5	2593	11.5	92109.4	-5836.1	2683	9.6	93119.0	-5828.1	2773	10.3	94050.8	-5802.3
2504	10.8	91128.1	-5835.4	2594	10.0	92111.0	-5824.1	2684	10.5	93125.7	-5818.4	2774	10.5	94055.8	-5841.0
2505	10.3	91132.1	-5800.5	2595	9.3	92124.7	-5839.1	2685	8.7	93145.7	-5838.1	2775	10.5	94102.8	-5843.0
2506	10.5	91132.2	-5836.6	2596	10.8	92156.8	-5829.1	2686	10.3	93155.2	-5839.1	2776	10.0	94106.2	-5852.0
2507	8.9	91138.8	-5820.4	2597	12.0	92205.7	-5848.1	2687	9.8	93209.1	-5810.4	2777	9.6	94111.1	-5812.0
2508	10.5	91151.4	-5840.4	2598	11.0	92209.7	-5847.1	2688	9.1	93209.8	-5855.1	2778	10.0	94111.3	-5803.3
2509	8.9	91153.8	-5818.4	2599	10.5	92225.4	-5851.1	2689	11.5	93218.2	-5844.1	2779	8.0	94126.2	-5854.0
2510	11.0	91154.8	-5827.4	2600	9.4	92229.2	-5840.1	2690	10.5	93235.8	-5824.2	2780	9.9	94135.1	-5810.3
2511	10.5	91157.7	-5839.6	2601	10.8	92234.5	-5824.4	2691	10.5	93237.5	-5833.1	2781	10.3	94138.6	-5854.1
2512	11.0	91200.2	-5859.4	2602	10.3	92241.2	-5823.4	2692	10.5	93244.7	-5851.1	2782	9.8	94145.8	-5844.0
2513	8.6	91212.0	-5821.4	2603	10.3	92243.8	-5812.4	2693	10.3	93249.7	-5849.1	2783	11.0	94148.7	-5800.2
2514	9.8	91219.8	-5800.5	2604	10.5	92252.4	-5846.1	2694	10.8	93313.3	-5858.1	2784	10.8	94154.9	-5809.2
2515	10.3	91220.6	-5825.4	2605	10.3	92307.0	-5841.2	2695	11.5	93322.2	-5851.1	2785	9.6	94156.7	-5854.0
2516	9.5	91221.3	-5810.0	2606	10.3	92307.8	-5832.1	2696	9.5	93328.3	-5843.1	2786	10.0	94206.6	-5810.2
2517	10.8	91226.3	-5845.4	2607	10.3	92314.7	-5827.4	2697	9.5	93330.8	-5859.1	2787	7.1	94206.7	-5813.2
2518	11.0	91230.9	-5842.6	2608	11.0	92329.0	-5834.8	2698	10.5	93332.2	-5819.4	2788	8.2	94209.0	-5825.0
2519	9.8	91255.0	-5815.9	2609	9.4	92329.6	-5827.0	2699	11.5	93332.5	-5833.1	2789	10.5	94209.6	-5834.0
2520	8.9	91257.7	-5842.5	2610	8.6	92330.8	-5812.4	2700	9.5	93339.9	-5807.4	2790	8.1	94211.0	-5828.0
2521	8.8	91258.5	-5815.7	2611	10.5	92332.8	-5829.0	2701	9.0	93339.9	-5828.0	2791	8.8	94211.1	-5810.2
2522	9.0	91303.7	-5833.4	2612	9.7	92335.8	-5849.0	2702	11.0	93407.2	-5828.1	2792	9.6	94232.7	-5802.2
2523	10.8	91307.7	-5826.3	2613	11.0	92342.3	-5857.0	2703	9.8	93408.5	-5808.4	2793	7.8	94237.9	-5846.0
2524	9.5	91318.9	-5858.0	2614	10.5	92348.3	-5851.0	2704	10.5	93410.8	-5809.4	2794	9.9	94240.0	-5823.6
2525	9.7	91321.3	-5810.7	2615	10.8	92349.2	-5859.0	2705	8.2	93420.7	-5850.1	2795	10.3	94257.4	-5844.0
2526	11.0	91323.6	-5854.3	2616	10.5	92349.5	-5824.2	2706	9.5	93422.8	-5823.3	2796	9.9	94301.2	-5854.0
2527	10.3	91324.4	-5838.1	2617	8.0	92359.9	-5823.7	2707	9.6	93424.1	-5822.4	2797	10.5	94311.8	-5814.2
2528	9.3	91334.7	-5814.2	2618	9.5	92421.3	-5805.4	2708	10.0	93425.2	-5813.4	2798	11.0	94312.8	-5811.2
2529	2.2	91345.0	-5845.5	2619	9.2	92422.6	-5801.4	2709	9.3	93428.4	-5854.1	2799	10.0	94316.4	-5846.0
2530	8.9	91351.5	-5832.3	2620	9.9	92439.8	-5809.4	2710	10.0	93441.3	-5842.1	2800	10.5	94323.7	-5844.0
2531	10.3	91358.5	-5835.8	2621	10.8	92452.5	-5836.5	2711	10.8	93447.6	-5856.1	2801	10.5	94329.7	-5838.0
2532	10.5	91359.0	-5836.8	2622	10.8	92453.5	-5827.8	2712	7.9	93449.7	-5836.1	2802	10.5	94347.3	-5839.0
2533	8.0	91359.1	-5812.0	2623	10.0	92456.5	-5836.1	2713	10.8	93509.0	-5811.4	2803	9.8	94410.4	-5818.2
2534	10.0	91407.1	-5800.7	2624	11.0	92458.9	-5847.0	2714	10.3	93514.4	-5805.4	2804	11.0	94410.8	-5808.2
2535	9.4	91411.2	-5804.0	2625	8.0	92501.8	-5856.0	2715	11.5	93526.2	-5829.1	2805	11.0	94413.0	-5810.2
2536	11.0	91414.5	-5859.3	2626	9.6	92509.9	-5858.0	2716	9.9	93528.7	-5851.1	2806	10.0	94413.9	-5835.9
2537	10.8	91416.3	-5857.3	2627	9.5	92515.7	-5800.4	2717	10.5	93535.0	-5815.4	2807	9.7	94416.9	-5805.2
2538	10.8	91437.0	-5818.3	2628	10.0	92519.3	-5849.0	2718	11.0	93538.8	-5816.4	2808	9.6	94427.9	-5832.9
2539	9.4	91440.6	-5845.6	2629	9.8	92519.7	-5802.4	2719	10.5	93540.4	-5850.1	2809	10.0	94432.7	-5852.9
2540	10.3	91445.7	-5818.5	2630	9.6	92525.8	-5857.0	2720	9.9	93545.9	-5845.1	2810	10.3	94430.3	-5841.9
2541	11.0	91451.5	-5858.0	2631	10.3	92535.8	-5824.8	2721	9.7	93551.6	-5832.1	2811	10.3	94434.4	-5846.9
2542	10.8	91454.9	-5822.4	2632	9.0	92553.9	-5841.0	2722	11.0	93555.7	-5803.4	2812	9.2	94435.3	-5804.2
2543	10.0	91458.3	-5854.1	2633	9.3	92619.0	-5819.6	2723	11.3	93556.6	-5830.1	2813	9.8	94436.5	-5801.2
2544	9.6	91504.2	-5815.5	2634	10.0	92627.9	-5858.0	2724	9.4	93601.0	-5805.4	2814	10.3	94438.3	-5840.9
2545	10.3	91515.1	-5820.5	2635	10.8	92629.5	-5850.1	2725	10.5	93602.9	-5831.1	2815	8.9	94438.4	-5806.6
2546	11.0	91520.0	-5826.0	2636	10.0	92634.2	-5859.0	2726	10.3	93608.8	-5842.1	2816	10.0	94452.9	-5845.9
2547	9.4	91534.3	-5851.6	2637	9.7	92639.7	-5800.5	2727	9.5	93609.3	-5817.4	2817	9.9	94457.7	-5853.9
2548	9.6	91538.2	-5827.3	2638	10.3	92648.5	-5808.8	2728	8.2	93610.5	-5843.1	2818	10.8	94459.8	-5815.2
2549	10.0	91540.5	-5804.5	2639	10.5	92659.3	-5828.0	2729	10.5	93618.1	-5831.1	2819	10.0	94506.3	-5851.9
2550	10.0	91551.3	-5807.5	2640	9.2	92707.6	-5809.5	2730	10.0	93618.8	-5859.1	2820	10.8	94507.1	-5814.2
2551	7.4	91554.2	-5824.1	2641	10.5	92709.1	-5804.5	2731	10.8	93620.9	-5854.1	2821	10.5	94507.4	-5837.9
2552	9.5	91620.2	-5802.8	2642	10.8	92709.9	-5856.0	2732	10.8	93625.7	-5805.3	2822	9.1	94510.1	-5811.2
2553	10.5	91621.9	-5809.5	2643	10.0	92719.4	-5817.5	2733	10.8	93629.3	-5822.1	2823	9.7	94514.6	-5832.9
2554	8.8	91623.1	-5856.5	2644	9.1	92721.8	-5816.5	2734	10.0	93630.2	-5813.3	2824	10.5	94520.9	-5834.9
2555	10.3	91626.8	-5855.2	2645	10.0	92723.3	-5805.5	2735	9.4	93635.4	-5806.3	2825	9.7	94529.0	-5808.2
2556	9.0	91631.5	-5841.2	2646	10.3	92727.3	-5833.9	2736	10.5	93637.3	-5819.3	2826	9.6	94529.4	-5846.9
2557	8.0	91641.8	-5824.4	2647	9.5	92729.8	-5859.1	2737	10.5	93638.9	-5821.3	2827	9.9	94533.6	-5824.0
2558	9.9	91648.0	-5802.5	2648	10.8	92732.6	-5853.9	2738	10.3	93641.5	-5834.1	2828	10.0	94535.9	-5818.2
2559	9.9	91659.3	-5805.0	2649	10.5	92739.0	-5847.5	2739	11.0	93655.3	-5858.1	2829	9.9	94539.1	-5858.9
2560	10.5	91707.6	-5820.6	2650	9.6	92744.7	-5851.5	2740	11.0	93656.8	-5857.1	2830	10.3	94547.5	-5824.9
2561	8.6	91720.2	-5820.5	2651	10.5	92755.4	-5821.5	2741	9.8	93659.1	-5834.1	2831	8.0	94559.1	-5813.2
2562	10.0	91739.8	-5808.8	2652	10.5	92804.9	-5811.5	2742	7.7	93713.5	-5828.1	2832	10.5	94559.3	-5855.9
2563	8.5	91749.4	-5809.2	2653	10.3	92806.6	-5813.5	2743	8.5	93724.1	-5834.1	2833	9.9	94602.9	-5828.9
2564	9.4	91751.0	-5855.2	2654	10.0	92809.5	-5857.1	2744	9.6	93725.7	-5839.1	2834	10.5	94621.1	-5857.9
2565	11.3	91759.7	-5827.0	2655	10.5	92826.7	-5806.5	2745	9.4	93728.7	-5850.1	2835	8.6	94626.2	-5852.9
2566	9.4	91807.0	-5818.5	2656	10.3	92833.7	-5854.1	2746	10.3	93756.9	-5804.3	2836	9.9	94640.5	-5826.9
2567	11.0	91807.0	-5822.8	2657	10.3	92836.0	-5809.5	2747	10.3	93757.6	-5834.1	2837	10.5	94641.3	-5816.1
2568	9.7	91807.6	-5813.4	2658	10.3	92836.1	-5830.0	2748	9.5	93809.1	-5819.3	2838	9.8	94642.4	-5800.1
2569	11.0	91815.8	-5800.4	2659	10.5	92838.3	-5808.5	2749	10.5	93810.9	-5818.3	2839	9.9	94648.6	-5831.9
2570	11.3	91825.1	-5849.2	2660	11.0	92845.0	-5813.5	2750	11.0	93817.9	-5847.1	2840	10.8	94649.7	-5832.9
2571	11.3	91827.8	-5846.2	2661	9.4	92848.1	-5832.1	2751	10.8	93819.6	-5805.3	2841	10.5	94657.4	-5826.9
2572	11.0	91837.2	-5842.8	2662	9.1	92850.9	-5818.5	2752	11.0	93832.9	-5846.1	2842	10.5	94704.1	-5838.9
2573	11.0	91846.8	-5817.4	2663	10.3	92856.7	-5854.1	2753	8.9	93848.5	-5858.0	2843	9.2	94716.5	-5845.9
2574	8.2	91851.8	-5812.4	2664	10.0	92904.9	-5819.5	2754	9.9	93854.2	-5852.0	2844	6.8	94718.2	-5850.9
2575	9.6	91852.5	-5802.6	2665	9.0	92914.4	-5847.1	2755	10.0	93854.4	-5824.3	2845	10.5	94721.0	-5845.7
2576	10.0	91859.8	-5854.2	2666	9.5	92914.6	-5834.1	2756	9.8	93857.7	-5838.0	2846	10.0	94723.8	-5854.9
2577	10.8	91859.9	-5849.2	2667	10.3	92947.8	-5840.1	2757	9.6	93900.5	-5800.3	2847	9.5	94726.6	-5833.9
2578	9.7	91900.2	-5814.0	2668	10.5	92954.2	-5813.5	2758	9.8	93925.7	-5802.3	2848	10.5	94740.1	-5821.1
2579	11.0	91902.7	-5843.0	2669	10.3	92956.9	-5849.1	2759	10.5	93935.2	-5850.0	2849	9.7	94740.2	-5850.9
2580	11.0	91908.3	-5850.2	2670	10.3	93003.1	-5850.0	2760	10.8	93939.2	-5827.0	2850	10.3	94742.6	-5851.9
2581	10.8	91911.4	-5824.2	2671	9.6	93003.7	-5853.1	2761	9.6	93948.4	-5805.3	2851	9.3	94743.3	-5841.9
2582	8.5	91916.1	-5801.4	2672	9.8	93005.6	-5834.1	2762	10.5	93956.4	-5854.0	2852	10.5	94751.5	-5821.1
2583	10.3	91923.5	-5815.4	2673	10.3	93019.2	-5802.5	2763	8.8	93959.2	-5836.0	2853	8.1	94812.3	-5816.1
2584	10.5	91952.6	-5828.1	2674	9.6	93023.6	-5832.1	2764	10.3	94009.4	-5831.0	2854	11.0	94817.6	-5831.9

2855	10.8	94820.9	-5838.9	2945	10.8	95518.6	-5834.6	3035	9.4	100245.6	-5816.0
2856	9.6	94825.4	-5845.9	2946	10.5	95535.9	-5821.6	3036	9.6	100245.7	-5838.4
2857	10.3	94828.7	-5800.1	2947	9.3	95537.7	-5808.0	3037	9.9	100249.2	-5821.2
2858	10.8	94830.6	-5829.9	2948	10.8	95540.5	-5818.0	3038	10.8	100253.8	-5855.4
2859	11.0	94844.2	-5859.8	2949	9.8	95541.3	-5840.6	3039	9.9	100259.5	-5812.0
2860	10.3	94844.3	-5843.9	2950	8.6	95542.3	-5841.6	3040	8.9	100302.9	-5848.4
2861	11.0	94848.6	-5819.8	2951	9.0	95546.8	-5803.0	3041	10.3	100304.3	-5857.4
2862	10.0	94850.0	-5844.8	2952	9.6	95603.1	-5831.6	3042	8.5	100314.2	-5838.4
2863	9.8	94857.2	-5842.8	2953	10.5	95605.4	-5848.6	3043	9.0	100317.4	-5826.4
2864	10.0	94858.2	-5847.8	2954	10.5	95611.0	-5825.6	3044	9.0	100318.8	-5827.4
2865	10.5	94902.5	-5826.8	2955	8.4	95613.4	-5824.3	3045	10.8	100332.2	-5838.4
2866	10.5	94906.4	-5824.0	2956	9.4	95614.1	-5857.6	3046	8.6	100353.0	-5800.0
2867	9.8	94907.9	-5845.8	2957	8.3	95620.2	-5811.0	3047	10.3	100356.3	-5854.4
2868	8.5	94915.8	-5803.1	2958	10.0	95623.0	-5825.0	3048	9.5	100404.8	-5842.4
2869	10.0	94933.8	-5841.8	2959	10.8	95640.2	-5806.0	3049	9.5	100414.7	-5837.4
2870	10.8	94937.2	-5842.8	2960	9.1	95647.7	-5809.0	3050	9.8	100415.4	-5847.4
2871	10.0	94957.8	-5815.1	2961	10.3	95648.6	-5858.6	3051	10.5	100419.0	-5822.0
2872	9.9	94959.4	-5832.8	2962	9.3	95655.7	-5849.6	3052	9.4	100427.9	-5848.4
2873	10.8	94959.4	-5804.1	2963	10.0	95657.7	-5812.0	3053	10.8	100429.0	-5801.0
2874	10.0	95009.6	-5812.1	2964	10.3	95704.8	-5856.6	3054	10.5	100449.0	-5828.4
2875	9.9	95010.4	-5846.8	2965	9.1	95709.9	-5822.8	3055	10.5	100452.7	-5857.4
2876	10.0	95013.6	-5823.8	2966	9.9	95713.0	-5823.8	3056	10.3	100454.6	-5838.4
2877	10.0	95014.7	-5821.8	2967	10.8	95721.3	-5803.0	3057	10.0	100455.0	-5828.4
2878	9.6	95022.8	-5811.3	2968	9.7	95721.7	-5824.0	3058	9.5	100504.7	-5837.4
2879	10.3	95022.9	-5818.1	2969	9.7	95725.0	-5824.8	3059	10.0	100508.4	-5801.0
2880	10.5	95025.6	-5821.8	2970	9.8	95726.4	-5848.6	3060	10.5	100513.0	-5801.0
2881	10.3	95027.8	-5820.8	2971	9.8	95728.5	-5825.6	3061	9.7	100532.1	-5817.0
2882	9.5	95031.7	-5801.1	2972	10.3	95729.3	-5807.0	3062	9.8	100535.2	-5809.0
2883	9.2	95035.2	-5838.8	2973	9.8	95734.3	-5842.5	3063	10.5	100536.6	-5840.4
2884	9.2	95041.0	-5809.1	2974	10.0	95735.4	-5848.5	3064	10.3	100539.8	-5857.4
2885	9.0	95048.9	-5801.1	2975	9.2	95741.4	-5800.0	3065	9.7	100541.6	-5832.4
2886	9.2	95049.8	-5840.8	2976	9.1	95750.4	-5802.0	3066	10.0	100544.7	-5852.4
2887	9.8	95050.7	-5853.8	2977	9.2	95803.3	-5804.0	3067	10.8	100545.9	-5853.4
2888	8.8	95051.0	-5828.8	2978	10.0	95806.0	-5824.5	3068	10.5	100600.1	-5813.0
2889	9.1	95053.9	-5807.1	2979	10.5	95807.8	-5845.5	3069	9.2	100601.2	-5835.4
2890	9.9	95058.8	-5816.1	2980	10.0	95811.9	-5823.5	3070	10.0	100603.6	-5817.0
2891	9.9	95119.8	-5856.8	2981	9.8	95812.3	-5807.0	3071	10.0	100605.4	-5845.4
2892	9.7	95123.1	-5810.0	2982	10.0	95818.7	-5838.5	3072	9.6	100610.3	-5842.4
2893	10.3	95123.9	-5808.0	2983	9.8	95827.7	-5837.5	3073	10.5	100614.8	-5841.4
2894	9.8	95125.1	-5833.7	2984	10.8	95829.5	-5821.0	3074	10.5	100619.0	-5821.4
2895	10.0	95126.4	-5806.0	2985	10.0	95832.9	-5800.0	3075	10.8	100620.3	-5823.4
2896	8.0	95132.1	-5809.0	2986	10.3	95841.6	-5814.0	3076	10.5	100629.0	-5858.4
2897	10.3	95134.4	-5802.0	2987	10.5	95844.0	-5831.5	3077	10.8	100632.6	-5847.4
2898	10.5	95141.6	-5803.0	2988	10.3	95844.8	-5841.5	3078	10.0	100639.9	-5847.4
2899	7.6	95141.6	-5830.7	2989	9.0	95845.3	-5841.5	3079	7.5	100640.6	-5832.4
2900	10.3	95145.6	-5821.7	2990	9.7	95846.1	-5813.0	3080	10.0	100700.5	-5854.1
2901	10.5	95148.1	-5812.0	2991	9.8	95853.0	-5846.7	3081	9.5	100700.8	-5833.4
2902	10.3	95157.6	-5833.7	2992	9.7	95854.4	-5823.8	3082	9.7	100710.0	-5826.4
2903	10.0	95202.2	-5851.7	2993	8.5	95855.7	-5800.0	3083	10.5	100713.3	-5855.4
2904	10.0	95203.4	-5851.7	2994	9.6	95903.0	-5820.2	3084	10.0	100715.1	-5820.4
2905	10.0	95219.7	-5845.7	2995	10.5	95911.5	-5828.0	3085	6.7	100719.2	-5812.0
2906	9.2	95231.4	-5819.8	2996	9.0	95914.2	-5815.5	3086	9.7	100727.7	-5813.0
2907	10.0	95239.8	-5836.7	2997	10.3	95928.4	-5820.5	3087	9.5	100731.6	-5814.0
2908	8.7	95244.1	-5813.0	2998	10.8	95950.0	-5851.5	3088	7.8	100733.1	-5832.4
2909	9.0	95245.9	-5821.8	2999	8.4	95953.4	-5853.5	3089	8.5	100741.4	-5820.2
2910	10.5	95248.1	-5823.7	3000	9.9	95959.7	-5836.5	3090	8.0	100756.3	-5858.4
2911	10.0	95301.8	-5855.7	3001	9.0	100001.9	-5845.5	3091	10.3	100802.0	-5833.9
2912	10.0	95305.7	-5850.7	3002	10.8	100007.1	-5833.5	3092	10.5	100815.6	-5840.4
2913	9.6	95306.5	-5828.7	3003	10.3	100013.5	-5857.5	3093	9.7	100819.9	-5820.4
2914	10.5	95314.1	-5802.0	3004	8.6	100014.2	-5835.5	3094	10.0	100829.9	-5821.4
2915	10.3	95316.2	-5811.0	3005	9.2	100019.3	-5804.0	3095	9.4	100832.9	-5800.0
2916	10.5	95325.5	-5828.3	3006	9.9	100019.5	-5846.0	3096	9.6	100839.7	-5853.4
2917	10.0	95330.1	-5833.6	3007	10.5	100022.0	-5826.5	3097	9.9	100843.0	-5823.6
2918	10.0	95330.2	-5835.6	3008	10.3	100029.1	-5832.5	3098	10.0	100843.3	-5839.4
2919	10.5	95331.0	-5851.6	3009	10.5	100030.0	-5848.5	3099	10.5	100847.9	-5814.0
2920	10.5	95331.2	-5818.0	3010	9.7	100035.1	-5817.0	3100	10.0	100900.8	-5842.4
2921	10.8	95331.9	-5837.6	3011	9.3	100035.3	-5803.0	3101	9.1	100903.2	-5835.4
2922	10.8	95333.9	-5847.6	3012	10.3	100039.1	-5833.5	3102	9.7	100904.7	-5834.4
2923	10.0	95334.2	-5808.0	3013	10.5	100041.7	-5849.5	3103	10.3	100909.2	-5810.0
2924	9.8	95340.6	-5845.6	3014	10.3	100045.3	-5842.5	3104	9.8	100912.4	-5846.4
2925	10.5	95344.5	-5804.0	3015	10.8	100045.4	-5844.5	3105	10.5	100919.8	-5843.4
2926	9.5	95348.5	-5827.6	3016	9.6	100051.5	-5826.5	3106	10.5	100930.3	-5843.4
2927	9.9	95353.5	-5855.0	3017	9.8	100054.0	-5825.5	3107	10.8	100934.0	-5824.2
2928	10.0	95355.4	-5802.0	3018	8.8	100054.3	-5806.0	3108	10.5	100935.4	-5814.0
2929	8.8	95356.0	-5828.6	3019	10.0	100054.6	-5815.0	3109	10.5	100938.0	-5820.0
2930	9.1	95356.2	-5837.6	3020	9.7	100109.2	-5809.0	3110	10.3	100943.7	-5837.4
2931	7.7	95401.1	-5817.0	3021	10.8	100110.9	-5801.0	3111	9.9	100951.3	-5841.4
2932	10.5	95403.3	-5805.0	3022	10.3	100116.5	-5827.5	3112	9.3	100953.4	-5844.4
2933	10.0	95409.2	-5826.6	3023	9.1	100129.0	-5827.5	3113	9.7	101004.9	-5846.4
2934	10.8	95411.3	-5854.6	3024	10.3	100132.6	-5857.5	3114	10.3	101016.3	-5851.4
2935	10.5	95413.0	-5845.1	3025	9.4	100138.2	-5811.0	3115	10.3	101017.4	-5844.4
2936	10.3	95413.4	-5823.6	3026	8.6	100141.6	-5832.4	3116	10.5	101024.6	-5813.0
2937	10.0	95423.7	-5819.6	3027	9.5	100142.6	-5848.4	3117	10.5	101037.8	-5840.4
2938	9.7	95429.4	-5848.6	3028	9.7	100145.2	-5852.4	3118	10.3	101042.7	-5838.4
2939	9.9	95430.2	-5820.0	3029	10.0	100207.9	-5802.0	3119	10.5	101043.1	-5832.4
2940	9.3	95440.4	-5810.0	3030	10.5	100211.0	-5824.4	3120	9.5	101053.2	-5809.0
2941	10.5	95449.9	-5823.6	3031	10.5	100215.7	-5835.4	3121	10.8	101053.6	-5813.0
2942	10.8	95455.1	-5853.6	3032	11.0	100226.7	-5853.4	3122	9.5	101100.8	-5807.0
2943	10.8	95500.1	-5822.0	3033	9.7	100233.8	-5804.0	3123	8.9	101103.1	-5859.4
2944	10.0	95517.3	-5832.6	3034	11.0	100236.7	-5852.4	3124	11.0	101103.7	-5808.0
3125	10.3	101104.1	-5830.4								
3126	10.5	101107.1	-5849.4								
3127	10.8	101109.5	-5819.0								
3128	8.7	101110.0	-5856.4								
3129	10.3	101117.8	-5846.4								
3130	10.0	101120.9	-5828.4								
3131	10.0	101124.6	-5825.4								
3132	10.3	101126.3	-5832.4								
3133	10.5	101127.4	-5844.4								
3134	10.0	101154.5	-5825.4								
3135	10.8	101205.9	-5800.0								
3136	8.9	101215.1	-5814.0								
3137	10.0	101218.5	-5828.4								
3138	10.8	101220.8	-5801.0								
3139	10.3	101222.5	-5838.4								
3140	10.0	101225.0	-5827.4								
3141	10.5	101230.9	-5840.4								
3142	10.8	101232.9	-5838.3								
3143	8.5	101240.0	-5801.0								
3144	10.3	101247.4	-5857.3								
3145	10.0	101248.7	-5852.3								
3146	10.0	101252.0	-5832.3								
3147	10.5	101303.6	-5831.3								
3148	10.0	101309.1	-5833.3								
3149	9.2	101312.7	-5809.0								
3150	8.5	101317.3	-5843.3								
3151	9.6	101337.7	-5853.3								
3152	10.0	101338.9	-5845.3								
3153	9.6	101345.9	-5802.0								
3154	10.5	101352.6	-5817.0								
3155	9.8	101354.8	-5842.3								
3156	9.8	101400.3	-5841.3								
3157	9.6	101401.2	-5851.3								
3158	10.3	101403.7	-5849.3								
3159	10.0	101404.9	-5825.3								
3160	10.3	101407.0	-5833.3								
3161	10.5	101408.2	-5800.0								
3162	10.8	101409.4	-5802.0								
3163	10.0	101412.3	-5840.2								
3164	10.3	101420.7	-5838.2								
3165	10.5	101434.6	-5853.2								
3166	10.5	101438.2	-5812.0								
3167	10.0	101442.4	-5831.2								
3168	9.1	101444.3	-5857.2								
3169	10.3	101447.2	-5840.2								
3170	10.5	101453.8	-5806.0								
3171	9.7	101454.8	-5841.2								
3172	9.6	101458.2	-5853.2								
3173	10.0	101458.4	-5823.2								
3174	10.5	101507.7	-5808.0								
3175	9.8	101508.8	-5843.2								
3176	6.6	101515.6	-5831.2								
3177	10.5	101522.5	-5821.0								
3178	10.5	101522.8	-5843.2								
3179	9.2	101527.0	-5827.2								
3180	10.3	101533.4	-5847.2								
3181	9.7	101538.4	-5824.0								
3182	10.3	101539.7	-5809.0								
3183	10.5	101543.8	-5839.2								
3184	10.5	101546.0	-5831.2								
3185	9.7	101547.5	-5819.0								
3186	10.3	101548.7	-5809.0								
3187	9.0	101551.8	-5855.2								
3188	10.0	101555.9	-5845.2								
3189	10.3	101557.6	-5813.0								
3190	10.8	101603.6	-5815.0								
3191	10.8	101617.8	-5807.0								
3192	10.0	101624.7	-5808.0								
3193	10.8	101624.7	-5811.0								
3194	9.4	101625.9	-5847.1								
3195	9.9	101631.9	-5845.1								
3196	10.5	101632.9	-5846.1								
3197	10.3	101640.9	-5831.1								
3198	9.7	101642.6	-5832.1								
3199	9.8	101651.8	-5841.1								
3200	9.8	101702.8	-5804.0								
3201	10.5	101703.6	-5831.1								
3202	9.8	101704.3	-5807.0								
3203	10.5	101707.6	-5814.0								
3204	10.3	101709.4	-5845.0								
3205	10.3	101718.5	-5828.0								
3206	9.6	101727.6	-5831.0								
3207	9.7	101728.2	-5834.0								
3208	10.3	101730.8	-5843.0								
3209	10.5	101733.2	-5843.0								
3210	8.3	101733.7	-5809.0								
3211	10.5	101744.8	-5846.0								
3212	9.9	101752.3	-5806.0								
3213	9.8	101813.2	-5853.0								
3214	10.8	101814.6	-5852.0								

-58 3215 10h18m

-58 3574 10h43m

3215	10.5	101820.2	-5835.0	3305	9.3	102450.2	-5836.0	3395	8.9	103159.3	-5839.9
3216	10.5	101830.5	-5825.0	3306	10.0	102459.7	-5837.0	3396	10.5	103210.0	-5818.1
3217	9.2	101832.7	-5809.0	3307	9.8	102503.0	-5828.0	3397	11.0	103210.5	-5818.8
3218	11.0	101832.7	-5810.0	3308	9.8	102505.2	-5835.0	3398	11.5	103211.0	-5821.8
3219	9.8	101838.4	-5823.5	3309	10.0	102510.8	-5839.0	3399	11.0	103215.7	-5816.9
3220	10.0	101847.2	-5822.5	3310	10.3	102516.7	-5848.0	3400	10.8	103218.7	-5814.9
3221	9.4	101853.3	-5855.0	3311	11.0	102523.3	-5805.9	3401	9.3	103219.4	-5819.4
3222	9.4	101853.4	-5845.0	3312	9.2	102524.7	-5852.0	3402	11.0	103222.0	-5826.9
3223	8.7	101854.9	-5822.0	3313	10.8	102525.3	-5808.9	3403	11.8	103228.2	-5802.0
3224	9.4	101904.9	-5802.0	3314	10.3	102525.3	-5842.0	3404	11.0	103229.0	-5806.4
3225	7.1	101914.1	-5833.0	3315	10.0	102533.2	-5815.9	3405	9.6	103231.7	-5835.9
3226	10.8	101916.5	-5818.0	3316	8.6	102542.9	-5823.0	3406	11.8	103232.0	-5803.4
3227	8.7	101922.5	-5819.0	3317	9.7	102543.2	-5818.9	3407	8.9	103237.6	-5831.9
3228	8.5	101928.8	-5854.0	3318	10.8	102552.3	-5810.9	3408	10.0	103238.3	-5813.9
3229	9.6	101933.3	-5856.0	3319	9.5	102559.7	-5800.9	3409	10.5	103238.8	-5840.9
3230	10.0	101955.3	-5857.0	3320	10.5	102616.6	-5857.9	3410	6.5	103241.3	-5804.9
3231	9.7	101957.9	-5845.0	3321	8.7	102624.2	-5802.9	3411	9.8	103244.5	-5827.9
3232	8.7	101958.7	-5812.0	3322	9.4	102626.7	-5835.9	3412	10.3	103249.8	-5838.9
3233	9.9	102000.6	-5832.0	3323	10.0	102638.1	-5846.9	3413	9.8	103255.6	-5828.9
3234	10.3	102004.6	-5825.0	3324	9.3	102648.3	-5839.9	3414	10.5	103258.2	-5820.5
3235	10.0	102005.2	-5838.0	3325	9.4	102650.7	-5851.9	3415	10.5	103259.0	-5826.9
3236	10.5	102016.9	-5823.0	3326	9.8	102655.0	-5826.9	3416	11.0	103300.0	-5801.3
3237	10.3	102021.8	-5807.0	3327	11.3	102712.4	-5804.0	3417	10.0	103300.2	-5818.9
3238	10.3	102029.5	-5827.0	3328	10.0	102713.0	-5824.9	3418	10.0	103300.5	-5850.8
3239	9.9	102030.7	-5811.0	3329	10.5	102715.3	-5840.9	3419	11.5	103301.5	-5806.6
3240	10.3	102033.0	-5813.0	3330	9.5	102715.5	-5855.9	3420	10.0	103302.9	-5846.9
3241	9.8	102040.2	-5838.0	3331	10.0	102731.5	-5826.9	3421	10.8	103304.5	-5827.9
3242	11.0	102042.9	-5802.0	3332	11.0	102734.8	-5820.0	3422	10.8	103307.8	-5841.9
3243	7.2	102044.6	-5815.0	3333	10.8	102744.0	-5805.7	3423	11.0	103310.0	-5805.2
3244	10.8	102049.7	-5812.0	3334	8.6	102746.3	-5856.9	3424	9.3	103313.4	-5845.9
3245	10.8	102050.7	-5808.0	3335	10.5	102746.4	-5803.0	3425	9.5	103317.9	-5846.9
3246	8.5	102052.6	-5816.0	3336	9.7	102750.1	-5832.9	3426	8.3	103318.7	-5825.7
3247	10.0	102052.9	-5801.0	3337	9.7	102759.5	-5814.0	3427	10.0	103319.0	-5807.7
3248	9.8	102059.0	-5825.0	3338	9.6	102800.2	-5816.0	3428	11.0	103324.5	-5807.8
3249	10.3	102059.1	-5848.0	3339	7.0	102807.1	-5801.0	3429	10.8	103324.7	-5824.9
3250	10.0	102059.7	-5801.0	3340	10.0	102810.0	-5826.9	3430	10.3	103328.6	-5828.9
3251	9.8	102103.2	-5825.0	3341	10.5	102812.2	-5820.9	3431	8.8	103332.7	-5815.3
3252	10.8	102103.2	-5809.0	3342	9.9	102813.5	-5819.9	3432	9.5	103335.4	-5807.4
3253	10.8	102108.5	-5819.0	3343	10.5	102830.1	-5832.9	3433	10.0	103339.2	-5852.9
3254	10.0	102114.5	-5819.0	3344	10.3	102831.9	-5855.9	3434	10.5	103342.6	-5830.9
3255	10.0	102114.7	-5838.0	3345	10.5	102845.2	-5823.4	3435	10.5	103348.0	-5807.8
3256	10.3	102118.7	-5810.0	3346	7.6	102849.7	-5845.9	3436	10.3	103348.8	-5842.9
3257	10.0	102119.7	-5811.0	3347	10.0	102855.0	-5824.9	3437	8.9	103351.5	-5827.9
3258	9.4	102126.9	-5821.0	3348	10.0	102858.2	-5822.5	3438	10.3	103358.0	-5821.4
3259	9.2	102128.7	-5836.0	3349	9.8	102859.3	-5856.7	3439	9.0	103359.6	-5831.4
3260	10.3	102130.4	-5845.0	3350	10.3	102901.7	-5852.9	3440	9.2	103400.0	-5804.5
3261	10.5	102132.3	-5807.0	3351	9.5	102903.4	-5847.9	3441	5.0	103400.2	-5831.9
3262	10.3	102133.9	-5805.0	3352	11.0	102909.3	-5813.0	3442	7.5	103400.5	-5835.9
3263	10.0	102135.2	-5851.0	3353	10.0	102909.7	-5837.9	3443	10.8	103403.0	-5820.8
3264	10.3	102137.6	-5821.0	3354	9.9	102913.4	-5847.9	3444	11.3	103403.0	-5825.2
3265	10.0	102138.8	-5806.0	3355	10.0	102918.7	-5824.9	3445	9.7	103403.0	-5806.2
3266	9.6	102148.2	-5853.0	3356	9.6	102925.0	-5827.9	3446	11.0	103405.0	-5814.2
3267	10.3	102152.6	-5813.0	3357	9.6	102929.2	-5821.9	3447	11.0	103407.9	-5803.9
3268	9.5	102156.7	-5849.0	3358	10.8	102929.5	-5809.6	3448	11.5	103409.5	-5823.1
3269	9.4	102157.9	-5800.0	3359	9.5	102939.5	-5818.1	3449	8.0	103412.2	-5837.9
3270	10.3	102158.7	-5847.0	3360	11.3	102940.9	-5813.0	3450	6.7	103413.5	-5809.9
3271	9.6	102207.8	-5857.0	3361	11.0	102943.5	-5816.6	3451	9.5	103415.5	-5809.9
3272	9.7	102209.7	-5811.0	3362	11.3	102947.5	-5817.7	3452	11.5	103418.5	-5808.0
3273	10.8	102210.6	-5802.0	3363	11.0	102950.0	-5803.8	3453	9.5	103419.0	-5807.1
3274	10.5	102225.4	-5832.0	3364	9.7	102959.4	-5844.9	3454	11.5	103421.0	-5823.1
3275	10.3	102232.0	-5846.0	3365	9.7	103000.5	-5824.9	3455	11.0	103439.2	-5856.1
3276	10.5	102236.4	-5800.0	3366	9.7	103002.1	-5831.9	3456	11.0	103440.2	-5857.1
3277	9.3	102247.9	-5832.0	3367	11.0	103003.0	-5818.2	3457	10.0	103440.5	-5807.8
3278	10.5	102250.8	-5803.0	3368	11.0	103014.0	-5805.2	3458	9.8	103442.5	-5808.4
3279	9.9	102252.3	-5854.0	3369	10.5	103022.4	-5800.8	3459	9.9	103449.0	-5813.9
3280	10.0	102256.0	-5821.0	3370	9.8	103030.2	-5816.9	3460	9.8	103450.0	-5814.2
3281	10.5	102302.1	-5817.0	3371	9.9	103039.8	-5857.9	3461	10.5	103452.5	-5815.1
3282	10.5	102302.9	-5824.0	3372	9.6	103040.3	-5859.9	3462	10.8	103453.9	-5845.1
3283	9.8	102305.0	-5827.0	3373	9.8	103042.7	-5835.9	3463	10.0	103454.0	-5824.8
3284	9.3	102309.2	-5838.0	3374	10.3	103043.7	-5833.9	3464	10.5	103457.5	-5807.6
3285	9.9	102314.4	-5846.0	3375	11.0	103043.8	-5808.6	3465	10.0	103458.0	-5824.8
3286	4.1	102317.3	-5806.4	3376	10.3	103052.5	-5807.5	3466	10.5	103501.0	-5810.0
3287	9.4	102323.3	-5843.0	3377	11.0	103055.0	-5802.4	3467	9.2	103502.4	-5819.5
3288	10.5	102325.5	-5819.4	3378	8.9	103105.0	-5856.9	3468	10.5	103503.0	-5810.1
3289	10.5	102331.1	-5857.0	3379	9.6	103106.0	-5822.4	3469	10.5	103506.7	-5839.5
3290	9.2	102339.2	-5836.0	3380	10.5	103110.7	-5817.0	3470	10.8	103510.0	-5821.8
3291	9.3	102340.4	-5840.0	3381	9.9	103119.0	-5827.9	3471	10.3	103511.7	-5858.6
3292	10.3	102340.5	-5822.0	3382	9.9	103119.4	-5844.9	3472	10.3	103515.3	-5844.1
3293	8.6	102343.3	-5842.0	3383	10.0	103131.6	-5828.9	3473	9.6	103524.2	-5820.5
3294	8.3	102356.2	-5811.9	3384	10.3	103135.3	-5809.9	3474	10.3	103525.8	-5804.9
3295	10.5	102403.5	-5817.9	3385	11.0	103137.9	-5803.9	3475	10.5	103526.0	-5845.4
3296	10.5	102408.8	-5808.9	3386	8.6	103139.1	-5822.9	3476	9.3	103527.3	-5805.9
3297	9.8	102409.0	-5821.0	3387	5.3	103139.8	-5854.9	3477	8.8	103536.3	-5817.9
3298	9.8	102410.4	-5823.0	3388	9.1	103140.5	-5818.9	3478	11.0	103544.0	-5822.2
3299	10.5	102413.2	-5822.9	3389	10.0	103142.5	-5856.9	3479	10.0	103544.7	-5854.3
3300	9.3	102420.4	-5809.9	3390	10.0	103148.8	-5857.9	3480	8.5	103548.6	-5853.1
3301	8.0	102433.8	-5858.0	3391	7.4	103149.6	-5832.9	3481	10.3	103558.8	-5814.0
3302	10.3	102435.3	-5840.0	3392	9.5	103151.3	-5811.9	3482	10.8	103559.5	-5802.2
3303	9.0	102436.5	-5832.0	3393	8.7	103155.8	-5842.9	3483	10.3	103559.5	-5803.5
3304	10.0	102441.9	-5847.0	3394	8.0	103156.4	-5830.9	3484	10.3	103601.1	-5806.9
3485	8.7	103608.3	-5813.9								
3486	10.8	103613.5	-5812.7								
3487	9.7	103614.3	-5841.1								
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3489	8.3	103620.2	-5835.1								
3490	8.6	103623.5	-5829.5								
3491	9.6	103636.9	-5846.5								
3492	10.5	103638.3	-5810.9								
3493	9.2	103641.5	-5825.5								
3494	8.8	103648.1	-5807.9								
3495	9.0	103659.0	-5828.1								
3496	9.5	103704.5	-5827.1								
3497	9.9	103707.2	-5836.5								
3498	10.5	103709.0	-5828.1								
3499	10.0	103716.0	-5824.0								
3500	10.5	103718.2	-5816.9								
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3502	9.3	103719.3	-5841.1								
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3506	9.1	103729.7	-5831.2								
3507	10.5	103732.2	-5818.8								
3508	8.8	103734.6	-5830.5								
3509	10.5	103736.1	-5800.8								
3510	9.2	103744.2	-5856.0								
3511	10.5	103747.3	-5806.0								
3512	9.6	103749.4	-5848.7								
3513	5.7	103750.1	-5834.1								
3514	9.5	103750.2	-5814.8								
3515	9.6	103802.2	-5826.8								
3516	9.5	103811.3	-5842.1								
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3519	9.3	103836.6	-5815.8								
3520	10.0	103837.2	-5818.3								
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3523	10.0	103841.1	-5850.0								
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3525	8.5	103857.5	-5827.1								
3526	10.0	103857.6	-5853.5								
3527	9.0	103903.6	-5853.0								
3528	7.5	103907.6	-5853.3								
3529	9.5	103909.5	-5853.2								
3530	9.5	103915.5	-5827.0								
3531	7.5	103918.4	-5855.0								
3532	9.0	103928.2	-5837.0								
3533	9.4	103943.3	-5800.8								
3534	9.5	103947.6	-5853.3								
3535	9.9	103951.2	-5816.8								
3536	8.0	103951.8	-5843.0								
3537	8.5	103954.1	-5854.0								
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3539	10.0	104002.1	-5853.5								
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3541	10.8	104023.3	-5814.8								
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3545	8.1	104051.9	-5845.0								
3546	9.5	104052.3	-5800.8								
3547	8.0	104058.6	-5849.5								
3548	11.0	104103.4	-5803.8								
3549	9.2	104107.8	-5827.4								
3550	10.0	104113.7	-5854.5								
3551	8.0	104120.0	-5839.5								
3552	10.5	104131.5	-5817.8								
3553	8.5	104131.8	-5847.2								
3554	10.0	104143.2	-5857.0								
3555	8.5	104144.6	-5852.7								
3556	9.4	104202.8	-5808.8								
3557	9.9	104207.4	-5823.1								
3558	10.5	104222.9	-5831.9								
3559	9.8	104230.2	-5833.3								
3560	9.8	104235.1	-5831.9								
3561	9.7	104246.0	-5806.3								
3562	9.0	104250.6	-5854.3								
3563	9.1	104257.8	-5802.8								
3564	9.3	104259.0	-5825.9								
3565	8.2	104307.7	-5858.9								
3566	10.3	104311.8	-5811.8								
3567	10.3	104315.0	-5800.8								
3568	10.0	104325.5	-5828.7								
3569	9.0	104328.1	-5832.9								
3570	8.8	104328.3	-5852.6								
3571	9.8	104332.9	-5849.4								
3572	11.0	104343.0	-5815.7								
3573	9.2	104343.6	-5853.9								
3574	10.8	104348.1	-5801.7								

3575	8.0	104358.9	-5846.9	3665	8.9	105231.4	-5803.6	3755	8.5	105857.3	-5803.5
3576	9.8	104359.8	-5825.4	3666	9.8	105234.7	-5856.8	3756	10.5	105859.8	-5808.5
3577	8.8	104404.1	-5808.7	3667	9.1	105235.8	-5801.6	3757	8.8	105903.5	-5806.5
3578	8.9	104405.4	-5813.7	3668	10.5	105242.3	-5800.6	3758	10.0	105907.7	-5814.5
3579	6.5	104427.0	-5839.3	3669	8.8	105301.5	-5828.7	3759	10.5	105908.3	-5803.5
3580	9.3	104427.5	-5807.4	3670	10.8	105306.5	-5800.6	3760	10.5	105908.7	-5819.5
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3582	10.5	104450.8	-5803.7	3672	10.0	105317.0	-5823.1	3762	9.8	105914.3	-5811.5
3583	10.3	104501.0	-5810.1	3673	10.0	105317.6	-5852.8	3763	9.8	105914.3	-5842.7
3584	10.5	104502.0	-5803.7	3674	10.1	105324.2	-5820.6	3764	8.8	105918.2	-5801.5
3585	9.8	104502.6	-5852.6	3675	10.0	105324.6	-5836.7	3765	10.5	105919.3	-5808.5
3586	10.5	104507.7	-5818.0	3676	10.5	105342.1	-5822.6	3766	8.5	105920.1	-5805.5
3587	9.8	104508.4	-5846.3	3677	7.5	105357.6	-5829.8	3767	9.3	105922.4	-5800.5
3588	8.5	104512.8	-5853.3	3678	7.5	105402.8	-5843.8	3768	10.0	105922.8	-5809.5
3589	9.9	104515.3	-5800.7	3679	9.5	105403.4	-5833.9	3769	10.5	105925.3	-5806.5
3590	9.2	104517.2	-5836.5	3680	9.6	105405.8	-5809.6	3770	10.5	105927.5	-5806.5
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3592	9.5	104522.3	-5813.7	3682	10.3	105421.8	-5808.6	3772	9.2	105928.9	-5801.9
3593	8.0	104542.7	-5832.9	3683	8.8	105423.7	-5857.3	3773	10.0	105931.3	-5844.6
3594	10.0	104544.9	-5801.5	3684	8.8	105427.8	-5859.8	3774	9.0	105933.3	-5802.5
3595	9.0	104548.3	-5839.9	3685	8.5	105444.0	-5854.2	3775	11.0	105934.3	-5806.5
3596	9.2	104549.6	-5854.7	3686	10.8	105444.5	-5821.6	3776	10.0	105938.4	-5802.5
3597	10.0	104555.0	-5828.6	3687	10.3	105450.0	-5813.8	3777	9.0	105938.8	-5804.5
3598	9.4	104559.3	-5815.7	3688	10.0	105452.2	-5835.8	3778	8.7	105940.1	-5800.0
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3600	9.5	104613.0	-5827.9	3690	8.4	105458.1	-5812.6	3780	9.1	105942.3	-5820.7
3601	8.0	104632.2	-5829.3	3691	8.1	105512.7	-5819.5	3781	9.6	105943.2	-5807.5
3602	9.5	104636.5	-5843.8	3692	9.6	105536.2	-5815.5	3782	9.8	105943.3	-5809.5
3603	9.8	104638.5	-5832.7	3693	9.0	105539.4	-5819.2	3783	9.6	105945.8	-5802.5
3604	10.5	104640.3	-5800.7	3694	8.8	105539.5	-5830.4	3784	9.7	105946.5	-5800.5
3605	9.3	104652.2	-5819.7	3695	10.5	105539.8	-5804.5	3785	10.5	105949.2	-5814.5
3606	9.8	104655.8	-5827.5	3696	9.2	105540.1	-5849.8	3786	8.5	105950.0	-5859.7
3607	8.8	104704.4	-5801.7	3697	10.3	105544.8	-5809.5	3787	9.3	105950.9	-5820.5
3608	9.0	104715.7	-5824.7	3698	10.5	105601.6	-5822.5	3788	9.6	105951.7	-5811.5
3609	10.0	104719.7	-5856.9	3699	9.7	105602.5	-5828.7	3789	9.7	105951.8	-5806.5
3610	8.3	104721.0	-5805.7	3700	10.2	105604.3	-5808.5	3790	9.7	105955.7	-5811.5
3611	8.2	104728.5	-5832.7	3701	9.7	105608.7	-5821.5	3791	9.4	105957.7	-5810.5
3612	8.5	104728.5	-5825.7	3702	9.9	105622.7	-5821.5	3792	11.0	105958.3	-5804.5
3613	8.0	104734.6	-5830.9	3703	9.5	105624.9	-5823.8	3793	8.9	105959.2	-5824.4
3614	9.0	104737.7	-5844.9	3704	10.1	105628.3	-5809.5	3794	9.3	105959.3	-5806.5
3615	8.5	104742.5	-5848.0	3705	10.0	105639.1	-5828.1	3795	9.6	110001.3	-5805.5
3616	9.5	104749.9	-5801.7	3706	10.0	105640.6	-5833.7	3796	9.6	110002.0	-5801.5
3617	10.8	104759.0	-5818.7	3707	9.0	105646.8	-5842.7	3797	10.3	110007.2	-5810.5
3618	9.5	104759.3	-5805.7	3708	9.8	105648.9	-5800.5	3798	9.3	110015.4	-5803.5
3619	9.5	104801.6	-5851.9	3709	9.7	105657.8	-5809.5	3799	11.0	110018.0	-5800.5
3620	9.0	104804.1	-5850.9	3710	9.7	105658.3	-5807.5	3800	9.6	110018.8	-5806.5
3621	9.5	104808.6	-5834.3	3711	10.0	105700.4	-5801.5	3801	9.9	110020.3	-5805.5
3622	9.5	104810.1	-5842.9	3712	9.8	105710.9	-5848.5	3802	10.0	110020.8	-5805.5
3623	7.0	104818.3	-5813.7	3713	9.5	105711.4	-5847.1	3803	9.3	110022.4	-5803.5
3624	9.8	104820.3	-5856.9	3714	8.4	105712.1	-5805.5	3804	10.5	110023.5	-5803.5
3625	3.8	104825.1	-5810.7	3715	10.3	105716.3	-5804.5	3805	9.3	110025.3	-5809.5
3626	8.3	104827.1	-5809.7	3716	10.0	105717.8	-5842.4	3806	10.0	110028.8	-5859.5
3627	8.7	104837.4	-5806.7	3717	10.3	105720.8	-5800.5	3807	9.4	110030.8	-5809.5
3628	8.3	104845.0	-5842.7	3718	10.5	105722.3	-5803.5	3808	9.6	110032.4	-5801.5
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3630	9.5	104852.7	-5820.7	3720	10.0	105727.9	-5846.4	3810	9.0	110034.8	-5838.7
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3633	11.0	104906.6	-5824.7	3723	10.0	105731.6	-5852.4	3813	9.8	110046.6	-5831.7
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3635	9.7	104923.8	-5823.4	3725	8.5	105736.6	-5801.5	3815	9.5	110050.6	-5812.5
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3644	9.5	105024.9	-5839.5	3734	9.0	105758.7	-5827.6	3824	9.0	110118.0	-5804.5
3645	9.0	105030.6	-5834.8	3735	10.3	105802.2	-5819.5	3825	9.5	110119.5	-5811.4
3646	9.5	105036.4	-5858.8	3736	8.8	105803.9	-5824.3	3826	9.8	110121.9	-5824.0
3647	10.0	105040.0	-5828.5	3737	9.2	105804.5	-5821.3	3827	9.5	110131.3	-5804.4
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3654	10.5	105119.6	-5833.2	3744	8.5	105827.9	-5845.7	3834	9.0	110143.5	-5859.7
3655	9.7	105121.4	-5801.6	3745	9.3	105829.4	-5807.5	3835	9.5	110149.3	-5802.4
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3852	7.5	110306.5	-5843.7								
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-58 3935 11h09m

-58 4294 11h50m

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4001 11.5 111542.7 -5837.9	4091 9.4 112452.0 -5857.2	4181 10.0 113509.5 -5825.7	4271 10.8 114814.3 -5839.3
4002 9.9 111544.5 -5819.8	4092 8.0 112459.4 -5807.6	4182 10.0 113531.0 -5813.8	4272 10.3 114830.3 -5843.3
4003 8.5 111550.6 -5833.4	4093 10.0 112501.4 -5846.8	4183 8.4 113544.8 -5802.7	4273 10.0 114834.4 -5844.3
4004 9.0 111559.2 -5838.4	4094 10.0 112503.9 -5845.2	4184 10.8 113552.6 -5852.7	4274 10.5 114834.5 -5842.7
4005 10.5 111600.8 -5812.2	4095 8.9 112521.4 -5808.9	4185 8.3 113553.0 -5825.7	4275 9.9 114837.5 -5825.6
4006 10.5 111604.3 -5807.2	4096 10.0 112523.2 -5837.2	4186 11.0 113553.0 -5845.7	4276 9.4 114842.1 -5830.3
4007 10.8 111608.2 -5854.4	4097 9.2 112544.2 -5858.5	4187 9.5 113555.1 -5804.7	4277 9.2 114848.0 -5833.5
4008 9.6 111612.5 -5817.2	4098 9.6 112546.0 -5826.1	4188 9.0 113615.1 -5833.6	4278 9.7 114856.0 -5803.9
4009 9.8 111616.0 -5841.0	4099 9.7 112549.2 -5837.2	4189 10.0 113628.7 -5824.9	4279 9.5 114857.5 -5810.8
4010 11.3 111617.0 -5824.4	4100 5.3 112559.9 -5845.2	4190 10.0 113634.1 -5815.7	4280 10.3 114901.0 -5826.3
4011 10.0 111632.3 -5804.2	4101 5.5 112602.1 -5849.2	4191 10.0 113639.6 -5816.7	4281 10.5 114913.0 -5843.9
4012 10.5 111643.7 -5835.8	4102 9.6 112613.8 -5841.9	4192 9.9 113640.1 -5853.6	4282 9.8 114917.7 -5855.3
4013 10.8 111643.7 -5856.3	4103 10.5 112619.8 -5819.9	4193 10.5 113641.0 -5826.2	4283 10.5 114919.3 -5806.4
4014 9.5 111645.7 -5855.3	4104 8.8 112627.0 -5823.1	4194 8.8 113641.1 -5850.6	4284 10.5 114948.1 -5850.6
4015 9.2 111651.7 -5855.3	4105 10.3 112631.4 -5820.8	4195 10.5 113645.0 -5824.6	4285 9.7 114948.7 -5834.3
4016 8.5 111659.7 -5816.2	4106 10.8 112633.2 -5855.9	4196 10.0 113645.1 -5831.6	4286 10.8 114949.7 -5835.3
4017 10.0 111706.1 -5824.3	4107 11.0 112648.6 -5841.9	4197 9.3 113646.1 -5833.6	4287 9.7 114956.9 -5822.2
4018 9.4 111706.3 -5808.2	4108 10.3 112656.9 -5845.5	4198 10.5 113714.1 -5820.7	4288 11.0 115003.1 -5852.3
4019 8.8 111710.3 -5813.2	4109 10.5 112659.7 -5837.9	4199 10.0 113722.0 -5808.7	4289 11.0 115009.9 -5821.0
4020 8.4 111711.0 -5819.2	4110 10.8 112702.8 -5843.9	4200 9.3 113722.8 -5811.7	4290 8.6 115010.7 -5808.2
4021 9.3 111713.8 -5839.9	4111 10.8 112709.9 -5847.9	4201 10.0 113729.0 -5821.2	4291 9.3 115012.3 -5842.3
4022 8.8 111720.2 -5837.3	4112 10.3 112729.5 -5827.9	4202 10.0 113738.7 -5838.6	4292 11.3 115023.2 -5821.3
4023 10.5 111722.7 -5839.0	4113 9.7 112733.4 -5819.7	4203 9.1 113744.6 -5853.9	4293 10.5 115041.6 -5830.3
4024 9.3 111733.6 -5852.3	4114 9.6 112735.4 -5822.2	4204 10.5 113825.6 -5832.0	4294 10.3 115058.5 -5826.3

-58 4295 11h51m

-58 4654 12h29m

4295	10.5	115108.1	-5821.8	4385	10.0	120035.8	-5849.9	4475	9.6	121020.6	-5843.0
4296	11.0	115120.4	-5823.9	4386	10.0	120042.8	-5835.9	4476	11.5	121021.2	-5819.2
4297	9.3	115121.6	-5852.2	4387	10.0	120109.2	-5828.9	4477	10.8	121043.3	-5824.6
4298	9.2	115128.7	-5854.6	4388	10.0	120121.2	-5837.9	4478	10.5	121100.7	-5848.6
4299	11.0	115147.7	-5801.7	4389	8.5	120121.8	-5835.9	4479	10.8	121101.7	-5846.6
4300	9.5	115148.9	-5808.2	4390	9.0	120131.3	-5803.1	4480	9.4	121101.8	-5811.2
4301	7.8	115149.1	-5853.2	4391	10.0	120133.8	-5842.1	4481	10.5	121123.9	-5858.6
4302	11.0	115151.4	-5837.2	4392	11.5	120134.9	-5820.1	4482	8.4	121144.3	-5855.6
4303	9.6	115200.2	-5835.0	4393	10.0	120136.2	-5845.1	4483	11.0	121144.5	-5841.6
4304	10.3	115200.3	-5843.6	4394	9.7	120139.8	-5834.1	4484	11.0	121154.6	-5822.2
4305	9.8	115214.0	-5855.6	4395	10.0	120140.2	-5843.1	4485	9.5	121158.6	-5803.7
4306	10.0	115220.9	-5821.2	4396	10.0	120141.2	-5837.1	4486	11.0	121220.1	-5845.6
4307	9.3	115221.2	-5855.2	4397	10.0	120157.2	-5821.1	4487	11.3	121222.1	-5842.2
4308	10.0	115222.9	-5819.2	4398	10.0	120204.6	-5859.9	4488	10.5	121227.8	-5810.6
4309	11.0	115225.7	-5837.2	4399	10.0	120205.2	-5836.1	4489	8.2	121238.2	-5835.6
4310	9.2	115230.0	-5828.5	4400	9.0	120208.2	-5847.2	4490	8.9	121238.6	-5841.4
4311	8.9	115230.0	-5856.6	4401	10.0	120211.2	-5859.9	4491	11.5	121245.1	-5808.2
4312	10.0	115232.9	-5848.5	4402	10.5	120211.7	-5822.8	4492	10.8	121251.1	-5846.8
4313	11.0	115243.1	-5833.2	4403	11.0	120217.8	-5809.1	4493	9.5	121306.9	-5824.0
4314	9.7	115316.7	-5818.5	4404	11.0	120226.9	-5820.1	4494	9.7	121307.2	-5833.6
4315	10.3	115322.1	-5829.2	4405	10.0	120234.2	-5846.4	4495	10.0	121309.6	-5847.6
4316	9.4	115324.7	-5856.5	4406	11.5	120239.3	-5813.1	4496	10.5	121319.8	-5858.6
4317	11.3	115328.0	-5852.2	4407	10.0	120241.8	-5852.4	4497	10.8	121331.7	-5836.6
4318	9.4	115331.3	-5842.2	4408	9.6	120244.1	-5801.1	4498	11.0	121333.4	-5823.2
4319	10.5	115342.3	-5813.5	4409	10.0	120247.6	-5857.4	4499	10.5	121333.7	-5835.6
4320	9.7	115344.9	-5808.5	4410	11.5	120247.7	-5817.6	4500	10.0	121339.1	-5844.4
4321	10.5	115346.2	-5855.2	4411	10.8	120310.8	-5815.1	4501	10.3	121339.5	-5839.6
4322	9.5	115348.8	-5842.5	4412	9.3	120319.7	-5817.1	4502	10.8	121359.7	-5822.6
4323	10.3	115406.1	-5831.5	4413	9.9	120321.2	-5856.0	4503	8.4	121406.5	-5824.4
4324	10.5	115408.1	-5809.2	4414	9.5	120321.7	-5831.8	4504	10.3	121406.6	-5840.4
4325	10.5	115403.8	-5842.2	4415	10.0	120324.7	-5815.1	4505	10.5	121407.0	-5831.8
4326	10.8	115408.9	-5836.2	4416	10.5	120326.1	-5848.6	4506	11.5	121408.2	-5817.2
4327	11.0	115421.6	-5852.2	4417	10.3	120330.0	-5833.3	4507	11.3	121408.3	-5804.2
4328	10.8	115427.9	-5822.2	4418	10.5	120330.3	-5808.1	4508	9.4	121418.4	-5808.2
4329	9.6	115434.2	-5804.9	4419	10.0	120343.0	-5850.0	4509	11.0	121422.9	-5857.2
4330	10.5	115436.0	-5829.2	4420	9.9	120402.1	-5846.2	4510	10.8	121431.6	-5829.6
4331	9.2	115440.6	-5853.2	4421	9.4	120411.5	-5807.2	4511	11.0	121431.7	-5833.6
4332	10.0	115440.7	-5857.2	4422	7.6	120413.2	-5834.6	4512	10.8	121435.6	-5849.6
4333	10.0	115442.6	-5849.7	4423	10.8	120420.7	-5833.8	4513	11.0	121438.7	-5807.2
4334	11.0	115453.4	-5854.2	4424	8.9	120422.5	-5851.6	4514	10.5	121501.7	-5816.2
4335	9.4	115503.8	-5809.4	4425	10.5	120436.4	-5854.6	4515	8.6	121516.2	-5831.6
4336	9.2	115507.0	-5827.9	4426	9.8	120445.2	-5839.8	4516	9.6	121517.8	-5811.8
4337	8.8	115507.4	-5813.2	4427	11.0	120457.3	-5807.2	4517	11.5	121524.1	-5804.2
4338	10.5	115517.1	-5833.9	4428	10.8	120458.1	-5840.8	4518	11.0	121528.2	-5840.6
4339	10.5	115520.6	-5833.6	4429	9.3	120500.1	-5802.2	4519	9.7	121551.1	-5843.6
4340	9.5	115532.3	-5856.2	4430	10.5	120514.9	-5820.0	4520	11.3	121554.3	-5827.6
4341	10.0	115533.3	-5841.2	4431	8.7	120524.4	-5806.2	4521	8.9	121603.7	-5855.6
4342	9.9	115542.8	-5839.2	4432	11.0	120524.5	-5816.8	4522	10.8	121610.0	-5826.8
4343	10.0	115543.3	-5823.1	4433	9.1	120529.2	-5820.2	4523	10.3	121612.4	-5858.4
4344	9.2	115554.1	-5830.1	4434	9.1	120535.0	-5844.6	4524	10.3	121615.4	-5851.6
4345	10.0	115601.4	-5844.8	4435	8.9	120536.6	-5807.2	4525	11.5	121620.3	-5813.2
4346	9.2	115611.7	-5838.1	4436	11.0	120538.8	-5813.2	4526	10.8	121633.7	-5832.2
4347	10.0	115638.4	-5844.1	4437	10.5	120543.1	-5807.2	4527	10.5	121633.8	-5828.6
4348	10.5	115639.8	-5816.5	4438	8.2	120546.7	-5848.8	4528	11.5	121642.3	-5812.3
4349	10.0	115645.0	-5859.1	4439	10.5	120549.4	-5854.8	4529	8.6	121646.1	-5851.0
4350	9.5	115648.5	-5857.6	4440	9.2	120606.2	-5843.6	4530	11.5	121646.8	-5801.3
4351	10.0	115649.0	-5841.1	4441	11.5	120607.8	-5810.2	4531	10.3	121648.6	-5846.3
4352	10.5	115716.7	-5800.6	4442	10.3	120609.3	-5856.3	4532	10.8	121659.5	-5835.6
4353	10.0	115717.9	-5818.8	4443	7.6	120616.5	-5857.6	4533	10.8	121703.3	-5828.6
4354	8.7	115720.6	-5802.8	4444	8.9	120622.6	-5858.4	4534	9.6	121706.2	-5819.3
4355	9.5	115726.1	-5851.1	4445	10.8	120630.2	-5822.9	4535	11.0	121712.6	-5811.3
4356	9.0	115735.1	-5802.2	4446	11.0	120631.7	-5834.8	4536	8.6	121729.4	-5817.3
4357	10.0	115741.3	-5840.1	4447	9.5	120639.2	-5838.6	4537	11.5	121730.3	-5830.6
4358	10.0	115742.4	-5822.1	4448	10.8	120655.8	-5810.2	4538	11.0	121736.0	-5848.6
4359	10.0	115802.4	-5821.1	4449	11.5	120705.4	-5853.6	4539	8.5	121742.5	-5806.3
4360	7.0	115819.6	-5833.1	4450	10.8	120712.5	-5823.4	4540	8.2	121747.4	-5815.3
4361	10.0	115820.6	-5853.1	4451	11.0	120718.0	-5804.2	4541	9.7	121818.4	-5858.0
4362	9.7	115823.6	-5810.4	4452	11.0	120721.8	-5826.8	4542	9.6	121822.3	-5806.3
4363	10.0	115826.6	-5810.2	4453	7.6	120725.1	-5842.4	4543	10.8	121827.8	-5809.3
4364	10.0	115831.8	-5854.7	4454	11.3	120731.0	-5808.2	4544	11.0	121833.3	-5810.3
4365	9.7	115835.7	-5809.3	4455	9.0	120736.8	-5807.2	4545	11.0	121849.1	-5803.3
4366	10.0	115843.2	-5844.7	4456	8.3	120737.5	-5811.2	4546	10.8	121854.1	-5848.6
4367	9.0	115846.4	-5846.7	4457	10.3	120739.9	-5833.6	4547	11.0	121854.3	-5809.3
4368	10.0	115847.8	-5845.9	4458	11.0	120742.3	-5814.2	4548	11.3	121924.1	-5844.6
4369	10.0	115848.0	-5841.9	4459	10.5	120750.0	-5841.6	4549	9.9	121929.3	-5828.8
4370	9.0	115859.6	-5840.9	4460	10.8	120802.0	-5802.0	4550	9.4	121942.4	-5852.2
4371	9.7	115903.2	-5839.2	4461	9.7	120804.3	-5808.2	4551	9.4	121949.8	-5851.6
4372	10.5	115903.6	-5816.4	4462	9.6	120805.4	-5857.6	4552	11.0	121950.9	-5853.6
4373	8.7	115917.4	-5826.1	4463	10.8	120814.9	-5853.4	4553	10.0	121954.1	-5847.6
4374	10.0	115932.8	-5837.1	4464	10.5	120816.1	-5848.8	4554	10.8	121957.1	-5806.3
4375	10.0	115942.2	-5839.1	4465	10.8	120818.6	-5844.8	4555	10.0	122007.6	-5847.6
4376	9.5	115950.4	-5818.8	4466	3.1	120830.7	-5803.2	4556	11.0	122008.8	-5813.3
4377	8.0	115952.5	-5827.1	4467	10.5	120840.4	-5852.6	4557	10.8	122013.0	-5801.5
4378	9.2	115956.5	-5804.4	4468	9.4	120849.0	-5830.2	4558	10.3	122024.1	-5803.8
4379	10.0	120008.2	-5841.7	4469	8.0	120855.3	-5828.8	4559	10.3	122032.1	-5801.3
4380	11.0	120012.5	-5819.0	4470	9.3	120928.8	-5813.2	4560	6.7	122036.1	-5818.3
4381	10.0	120023.2	-5858.6	4471	9.0	120941.1	-5804.2	4561	10.5	122057.8	-5811.3
4382	9.0	120024.6	-5853.6	4472	10.5	120953.7	-5834.0	4562	11.0	122101.2	-5825.6
4383	10.0	120031.6	-5842.8	4473	8.5	120955.1	-5820.1	4563	9.7	122104.2	-5834.6
4384	8.5	120032.2	-5859.8	4474	11.0	121016.6	-5844.4	4564	10.3	122104.5	-5813.0
4565	11.0	122105.7	-5821.6								
4566	9.5	122105.9	-5830.6								
4567	10.3	122106.8	-5806.3								
4568	10.5	122126.3	-5814.3								
4569	10.5	122128.4	-5824.4								
4570	10.5	122133.0	-5828.0								
4571	8.8	122141.2	-5809.3								
4572	9.3	122150.4	-5836.6								
4573	10.5	122153.2	-5837.6								
4574	9.5	122158.1	-5820.9								
4575	8.7	122202.6	-5802.3								
4576	10.5	122206.5	-5856.9								
4577	10.5	122210.4	-5851.4								
4578	11.0	122214.4	-5801.3								
4579	11.5	122218.8	-5800.2								
4580	11.0	122227.5	-5813.4								
4581	10.8	122230.7	-5850.0								
4582	8.7	122235.6	-5847.6								
4583	8.0	122238.4	-5823.9								
4584	10.3	122246.6	-5846.6								
4585	8.1	122249.2	-5820.3								
4586	9.1	122254.7	-5804.3								
4587	9.6	122255.3	-5811.3								
4588	10.8	122313.7	-5815.3								
4589	10.3	122314.7	-5806.3								
4590	11.0	122334.7	-5810.3								
4591	11.0	122342.5	-5846.7								
4592	10.5	122344.7	-5832.0								
4593	10.8	122345.2	-5839.6								
4594	10.8	122356.0	-5835.6								
4595	8.8	122408.0	-5851.0								
4596	10.0	122413.6	-5801.3								
4597	10.3	122422.2	-5818.3								
4598	10.0	122427.2	-5834.6								
4599	8.9	122437.5	-5830.8								
4600	10.3	122438.3	-5820.3								
4601	9.9	122438.6	-5846.6								
4602	9.8	122439.8	-5807.3								
4603	9.3	122442.4	-5844.3								
4604	11.5	122456.2	-5837.4								
4605	11.0	122500.2	-5839.8								
4606	10.3	122515.6	-5849.6								
4607	11.0	122515.6	-5824.3								
4608	10.5	122516.7	-5817.9								
4609	9.9	122517.9	-5823.5								
4610	10.5	122522.7	-5813.3								
4611	11.0	122528.9	-5834.6								
4612	10.0	122543.4	-5855.6								
4613	8.5	122557.9	-5845.6								
4614	10.5	122558.3	-5836.8								
4615	11.3	122626.4	-5859.6								
4616	9.8	122631.5	-5843.6								
4617	9.9	122636.6	-5846.4								
4618	9.7	122638.9	-5825.7								
4619	9.9	122639.4	-5820.2								
4620	10.8	122648.5	-5802.4								
4621	10.5	122700.3	-5827.6								
4622	10.5	122703.4	-5824.0								
4623	8.6	122703.4	-5834.6								
4624	10.3	122705.8	-5813.3								
4625	10.5	122705.8	-5810.3								
4626	9.1	122708.7	-5856.8								
4627	9.9	122718.5	-5801.3								
4628	9.6	122723.4	-5853.8								
4629	11.0	122731.6	-5839.6								
4630	11.0	122757.4	-5824.5								
4631	9.1	122802.5	-5840.6								
4632	10.5	122805.9	-5854.2								
4633	11.0	122824.6	-5847.6								
4634	10.0	122824.9	-5853.6								
4635	10.8	122831.9	-5851.6								
4636	9.6	122842.7	-5846.8								
4637	9.7	122845.9	-5853.6								
4638	10.8	122850.4	-5850.6								
4639	10.5	122906.1	-5801.4								
4640	11.0	122906.5	-5812.3								
4641	11.3	122909.3	-5815.4								
4642	10.5	122915.7	-5833.4								
4643	11.0	122920.8	-5819.4								
4644	9.6	122921.9	-5806.4								
4645	11.5	122922.8	-5857.6								
4646	11.0	122934.6	-5847.6								
4647	11.0	122943.9	-5819.4								
4648	10.5	122946.1	-5848.0								
4649	9.7	122947.1	-5826.2								
4650	9.8	122948.7	-5817.4								
4651	9.6	122949.3	-5805.4								
4652	9.3	122951.6	-5848.8								
4653	10.5	122954.9	-5856.6								
4654	11.3	122959.1	-5858.0								

-58 4655 12h29m

-58 5014 13h15m

4655	9.8	122959.3	-5856.8	4745	9.2	124031.0	-5824.4	4835	10.8	125217.3	-5807.5
4656	10.5	123027.4	-5851.4	4746	10.0	124033.9	-5853.6	4836	9.8	125223.4	-5854.9
4657	10.8	123056.1	-5849.6	4747	8.0	124044.4	-5854.6	4837	9.6	125234.9	-5821.6
4658	9.5	123112.7	-5835.6	4748	11.0	124053.1	-5842.6	4838	10.5	125239.9	-5854.9
4659	11.0	123115.0	-5818.4	4749	10.8	124101.2	-5833.6	4839	8.3	125249.3	-5811.5
4660	10.8	123114.4	-5850.6	4750	10.8	124104.8	-5813.5	4840	8.7	125253.8	-5816.5
4661	10.0	123116.7	-5833.6	4751	9.6	124108.1	-5823.9	4841	10.5	125256.1	-5846.6
4662	10.5	123120.3	-5809.4	4752	9.2	124108.5	-5824.6	4842	9.8	125256.2	-5836.6
4663	11.0	123123.5	-5847.6	4753	9.4	124120.8	-5811.5	4843	8.9	125257.1	-5803.5
4664	10.3	123133.2	-5837.6	4754	11.0	124147.9	-5851.6	4844	8.9	125301.9	-5854.6
4665	10.5	123136.4	-5823.6	4755	8.5	124217.4	-5812.5	4845	9.6	125312.9	-5855.6
4666	10.3	123144.9	-5857.6	4756	8.6	124227.4	-5819.5	4846	9.3	125317.7	-5802.5
4667	9.9	123152.7	-5850.6	4757	9.8	124227.5	-5811.5	4847	9.5	125331.6	-5803.5
4668	10.5	123159.8	-5826.6	4758	10.8	124233.0	-5842.6	4848	9.3	125342.0	-5846.9
4669	10.3	123219.1	-5849.3	4759	10.5	124300.3	-5809.5	4849	10.0	125346.1	-5849.8
4670	10.3	123220.4	-5821.4	4760	10.5	124319.6	-5804.5	4850	11.0	125352.9	-5853.6
4671	10.5	123226.3	-5820.4	4761	9.9	124322.4	-5851.6	4851	9.6	125356.1	-5803.6
4672	11.0	123232.8	-5826.8	4762	11.0	124325.0	-5825.5	4852	10.5	125406.8	-5807.6
4673	10.8	123242.6	-5804.4	4763	11.0	124329.8	-5806.5	4853	11.0	125407.9	-5825.1
4674	11.0	123249.3	-5825.9	4764	7.8	124355.2	-5823.6	4854	9.9	125413.0	-5828.0
4675	11.0	123252.8	-5827.6	4765	9.7	124356.6	-5804.5	4855	11.3	125415.5	-5855.6
4676	8.7	123253.1	-5854.0	4766	9.4	124358.9	-5851.6	4856	10.5	125431.7	-5859.6
4677	10.8	123301.3	-5825.6	4767	10.5	124404.9	-5853.8	4857	9.9	125433.2	-5831.0
4678	9.6	123306.2	-5809.4	4768	8.6	124414.5	-5835.8	4858	10.0	125452.6	-5843.8
4679	10.3	123307.7	-5838.6	4769	10.3	124430.8	-5807.5	4859	10.8	125508.1	-5801.6
4680	9.4	123330.2	-5803.4	4770	10.5	124431.1	-5840.6	4860	8.7	125515.4	-5826.3
4681	9.7	123334.8	-5814.4	4771	9.4	124436.8	-5829.8	4861	10.8	125518.9	-5810.6
4682	9.9	123335.4	-5804.4	4772	9.0	124440.6	-5858.6	4862	8.5	125529.1	-5855.8
4683	10.3	123339.6	-5844.8	4773	9.2	124452.7	-5818.5	4863	8.6	125544.8	-5855.6
4684	9.7	123341.4	-5814.4	4774	10.0	124455.2	-5817.5	4864	8.7	125552.7	-5831.6
4685	10.3	123341.4	-5857.6	4775	9.9	124503.5	-5822.8	4865	10.3	125555.1	-5802.6
4686	10.8	123345.4	-5833.6	4776	8.1	124504.6	-5803.5	4866	9.5	125557.7	-5819.6
4687	9.5	123359.1	-5807.4	4777	10.3	124506.7	-5823.5	4867	11.0	125615.6	-5827.6
4688	9.4	123422.3	-5814.4	4778	10.8	124517.9	-5855.8	4868	10.5	125615.7	-5817.6
4689	10.0	123424.3	-5800.4	4779	9.3	124518.4	-5834.2	4869	9.8	125617.1	-5846.6
4690	8.9	123441.7	-5835.0	4780	10.5	124522.5	-5825.3	4870	8.4	125618.2	-5818.6
4691	9.7	123445.3	-5847.9	4781	10.5	124533.3	-5846.6	4871	9.2	125619.9	-5851.6
4692	5.0	123445.9	-5859.6	4782	11.3	124546.2	-5824.6	4872	10.3	125629.3	-5830.6
4693	11.0	123449.6	-5848.6	4783	10.3	124553.9	-5856.6	4873	10.8	125701.8	-5826.8
4694	9.2	123512.2	-5816.4	4784	10.8	124602.7	-5829.6	4874	10.5	125703.2	-5843.6
4695	9.8	123515.7	-5821.0	4785	8.4	124605.2	-5821.5	4875	9.7	125722.3	-5809.6
4696	10.8	123522.2	-5838.6	4786	11.5	124621.4	-5805.5	4876	8.6	125731.3	-5859.0
4697	10.5	123524.9	-5853.4	4787	8.7	124622.2	-5838.8	4877	9.6	125734.9	-5824.6
4698	9.6	123538.9	-5810.4	4788	9.8	124639.3	-5811.5	4878	9.2	125751.9	-5836.6
4699	9.9	123545.2	-5839.6	4789	9.8	124639.7	-5830.6	4879	11.3	125757.2	-5846.6
4700	11.5	123557.3	-5805.4	4790	10.5	124641.2	-5820.6	4880	10.0	125759.1	-5847.6
4701	11.0	123602.1	-5843.3	4791	10.3	124645.7	-5832.6	4881	10.0	125805.1	-5801.6
4702	11.5	123615.4	-5853.6	4792	11.0	124654.7	-5832.6	4882	9.2	125846.2	-5819.9
4703	7.4	123618.0	-5813.4	4793	9.8	124702.7	-5837.6	4883	8.7	125849.4	-5854.9
4704	8.8	123622.1	-5838.6	4794	4.8	124715.1	-5827.8	4884	10.3	125852.3	-58 0.6
4705	9.4	123625.1	-5824.4	4795	10.3	124716.9	-5851.6	4885	10.5	125855.7	-58 5.8
4706	9.9	123630.7	-5834.6	4796	11.0	124721.8	-5813.5	4886	10.5	125858.8	-58 6.6
4707	9.3	123640.9	-5838.8	4797	11.0	124722.8	-5814.5	4887	9.2	125905.5	-5806.6
4708	9.7	123655.2	-5832.8	4798	11.3	124728.3	-5804.5	4888	8.5	125908.1	-5846.6
4709	9.5	123658.5	-5819.4	4799	9.9	124730.9	-5833.6	4889	10.5	125916.0	-5813.6
4710	11.0	123659.3	-5852.6	4800	8.7	124743.0	-5820.5	4890	10.0	125918.1	-5857.6
4711	11.0	123702.9	-5814.4	4801	9.5	124744.9	-5806.5	4891	9.2	125920.1	-5842.6
4712	10.8	123702.9	-5842.6	4802	11.0	124747.7	-5815.0	4892	10.5	125920.1	-5856.6
4713	8.7	123712.6	-5820.9	4803	9.0	124812.0	-5820.6	4893	7.7	125924.2	-5807.6
4714	9.8	123712.7	-5811.4	4804	9.4	124814.6	-5820.5	4894	9.6	125927.3	-5805.6
4715	10.5	123719.3	-5811.4	4805	11.5	124833.3	-5859.6	4895	10.0	125935.1	-5802.6
4716	9.6	123723.6	-5828.6	4806	9.7	124838.6	-5842.3	4896	10.3	125945.2	-5818.6
4717	10.8	123726.9	-5859.6	4807	10.8	124840.2	-5854.6	4897	9.5	125956.3	-5811.6
4718	9.9	123740.2	-5815.4	4808	10.3	124849.2	-5836.6	4898	9.7	125959.4	-5824.0
4719	10.0	123748.6	-5844.4	4809	9.7	124851.9	-5811.5	4899	9.6	130011.9	-5850.6
4720	11.5	123752.2	-5816.4	4810	10.8	124858.6	-5802.5	4900	10.5	130012.1	-5847.6
4721	9.5	123755.4	-5857.4	4811	9.0	124904.7	-5848.8	4901	11.0	130017.8	-5819.6
4722	10.8	123801.1	-5802.4	4812	9.8	124905.5	-5813.2	4902	10.5	130040.6	-5822.6
4723	9.9	123802.9	-5852.6	4813	10.3	124905.7	-5856.0	4903	10.3	130055.7	-5832.8
4724	11.3	123826.2	-5834.6	4814	10.0	124908.4	-5859.8	4904	10.8	130111.7	-5839.6
4725	10.8	123833.2	-5835.8	4815	9.6	124910.7	-5831.6	4905	10.5	130114.0	-5858.6
4726	11.3	123845.6	-5844.3	4816	9.4	124920.3	-5841.6	4906	9.0	130116.8	-5858.4
4727	11.0	123846.5	-5801.4	4817	10.0	124924.2	-5824.6	4907	9.7	130127.8	-5809.6
4728	10.3	123859.4	-5851.4	4818	9.0	124932.7	-5821.5	4908	11.0	130127.8	-5808.6
4729	10.3	123903.9	-5850.8	4819	10.5	124938.0	-5820.6	4909	10.5	130128.0	-5800.6
4730	9.9	123906.9	-5853.6	4820	9.6	125014.3	-5828.6	4910	10.5	130142.7	-5839.8
4731	8.0	123907.5	-5826.0	4821	9.8	125031.4	-5856.6	4911	9.0	130148.4	-5804.6
4732	11.0	123912.4	-5800.4	4822	8.9	125032.4	-5824.6	4912	10.5	130150.9	-5815.6
4733	9.8	123920.0	-5839.8	4823	9.0	125048.8	-5809.5	4913	11.0	130156.9	-5853.6
4734	10.5	123921.1	-5840.6	4824	10.3	125049.0	-5827.6	4914	10.3	130159.8	-5807.6
4735	10.5	123924.6	-5800.4	4825	9.2	125055.7	-5834.6	4915	10.3	130209.3	-5800.6
4736	10.8	123925.7	-5817.4	4826	10.3	125104.8	-5813.5	4916	9.4	130216.7	-5831.4
4737	10.8	123932.2	-5839.8	4827	11.0	125117.9	-5850.4	4917	11.0	130216.7	-5834.4
4738	10.0	123935.7	-5838.6	4828	10.3	125121.3	-5808.5	4918	11.0	130223.6	-5848.6
4739	10.8	123939.2	-5834.6	4829	9.6	125124.5	-5809.5	4919	10.3	130225.6	-5800.6
4740	10.0	123942.0	-5829.6	4830	10.8	125125.1	-5846.6	4920	9.2	130239.3	-5828.0
4741	9.1	123950.1	-5850.0	4831	10.8	125154.7	-5816.5	4921	11.0	130246.0	-5849.6
4742	9.8	123952.3	-5828.6	4832	9.6	125205.2	-5859.0	4922	10.8	130248.3	-5839.6
4743	11.0	124018.0	-5823.6	4833	10.0	125206.4	-5852.4	4923	10.5	130248.3	-5812.6
4744	8.5	124030.6	-5841.6	4834	10.5	125208.3	-5813.3	4924	9.3	130324.8	-5802.6
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5007	10.0	131405.3	-5800.5								
5008	9.2	131416.8	-5833.6								
5009	10.3	131417.7	-5806.5								
5010	10.3	131422.9	-5827.0								
5011	10.5	131432.9	-5812.5								
5012	10.5	131458.0	-5821.0								
5013	9.9	131513.5	-5834.0								
5014	9.6	131516.2	-5856.0								

-58 5015 13h15m

5015 9.2 131516.6 -5819.8	5105 10.0 132455.8 -5825.1	5195 10.0 133239.4 -5857.2	5285 10.8 133935.3 -5838.2
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5022 8.7 131601.7 -5851.0	5112 9.3 132525.4 -5831.1	5202 10.5 133300.2 -5822.6	5292 9.7 134009.2 -5804.9
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5026 9.0 131632.7 -5809.5	5116 11.3 132601.2 -5837.6	5206 10.5 133325.0 -5802.8	5296 8.6 134025.3 -5809.9
5027 10.8 131642.7 -5855.0	5117 9.7 132602.4 -5852.3	5207 10.3 133331.4 -5823.2	5297 10.5 134041.6 -5807.0
5028 11.3 131642.8 -5826.0	5118 10.3 132607.6 -5803.6	5208 10.0 133333.5 -5851.6	5298 10.3 134046.4 -5822.9
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5030 11.0 131653.3 -5834.4	5120 7.7 132618.6 -5852.1	5210 9.3 133341.2 -5833.2	5300 9.6 134105.2 -5802.0
5031 10.5 131653.3 -5851.0	5121 10.5 132619.0 -5827.1	5211 9.3 133342.5 -5832.2	5301 10.3 134126.6 -5807.0
5032 10.3 131700.2 -5805.5	5122 8.5 132621.3 -5823.5	5212 9.1 133343.8 -5802.8	5302 9.3 134129.0 -5856.0
5033 10.8 131704.4 -5830.0	5123 10.5 132622.8 -5835.7	5213 6.3 133345.3 -5809.8	5303 9.6 134201.3 -5847.3
5034 10.8 131712.4 -5840.4	5124 10.0 132629.6 -5834.1	5214 9.7 133349.6 -5812.8	5304 8.5 134203.0 -5844.4
5035 8.7 131714.4 -5815.5	5125 11.0 132644.6 -5842.1	5215 10.0 133352.6 -5818.8	5305 9.5 134207.3 -5851.2
5036 9.8 131720.2 -5800.5	5126 11.3 132653.6 -5833.1	5216 10.0 133401.3 -5819.8	5306 9.0 134208.6 -5825.6
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5038 9.6 131728.4 -5803.5	5128 9.5 132658.0 -5806.6	5218 8.6 133430.2 -5822.5	5308 10.0 134212.6 -5828.8
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5040 10.0 131802.9 -5813.5	5130 10.0 132710.2 -5809.6	5220 9.1 133438.6 -5819.8	5310 9.6 134222.4 -5824.6
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5043 9.2 131828.0 -5840.0	5133 9.3 132741.4 -5810.6	5223 10.0 133505.2 -5800.8	5313 10.3 134235.8 -5811.0
5044 9.5 131832.3 -5814.5	5134 11.3 132744.0 -5848.1	5224 9.7 133507.3 -5829.3	5314 10.3 134240.2 -5823.0
5045 9.6 131834.3 -5828.0	5135 11.3 132749.1 -5830.2	5225 10.0 133508.3 -5827.2	5315 10.8 134255.8 -5802.0
5046 8.8 131843.1 -5816.5	5136 11.5 132752.6 -5842.2	5226 10.0 133510.8 -5842.6	5316 10.5 134304.9 -5841.2
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5048 9.8 131857.5 -5821.9	5138 10.8 132800.5 -5851.2	5228 10.0 133516.3 -5806.8	5318 10.0 134316.0 -5808.0
5049 9.2 131858.8 -5847.0	5139 10.8 132803.4 -5826.0	5229 9.2 133523.0 -5825.7	5319 11.0 134316.3 -5851.4
5050 9.0 131903.3 -5835.8	5140 11.0 132810.8 -5851.2	5230 10.3 133530.4 -5818.8	5320 10.5 134319.2 -5811.0
5051 10.0 131905.8 -5819.5	5141 11.3 132812.6 -5842.2	5231 7.5 133537.1 -5836.2	5321 10.3 134320.0 -5812.0
5052 9.0 131907.8 -5849.5	5142 10.0 132813.8 -5859.2	5232 8.5 133541.4 -5836.2	5322 9.5 134325.8 -5843.2
5053 9.5 131909.1 -5859.0	5143 9.2 132817.0 -5850.2	5233 10.5 133543.4 -5807.8	5323 10.3 134333.8 -5827.4
5054 10.0 131926.0 -5822.0	5144 10.5 132818.7 -5802.7	5234 10.5 133546.0 -5838.7	5324 10.5 134337.0 -5822.8
5055 9.7 131927.8 -5830.0	5145 10.3 132825.2 -5845.2	5235 10.0 133555.5 -5843.4	5325 11.0 134408.6 -5847.6
5056 11.0 131935.3 -5850.0	5146 9.4 132825.4 -5817.7	5236 9.8 133603.0 -5823.9	5326 10.0 134409.2 -5829.3
5057 10.0 131936.9 -5819.5	5147 10.5 132825.7 -5815.7	5237 10.8 133603.0 -5858.3	5327 10.5 134413.6 -5807.0
5058 10.5 131938.2 -5808.5	5148 11.5 132838.5 -5850.0	5238 9.4 133606.0 -5851.3	5328 8.0 134415.6 -5828.3
5059 10.3 131952.5 -5815.3	5149 11.3 132849.5 -5842.5	5239 9.6 133613.8 -5811.8	5329 10.0 134422.7 -5806.0
5060 10.3 131959.9 -5816.5	5150 9.5 132853.9 -5831.0	5240 9.8 133618.6 -5823.8	5330 11.0 134430.0 -5849.5
5061 9.3 132012.4 -5806.5	5151 9.7 132855.3 -5820.0	5241 10.5 133621.0 -5837.6	5331 10.0 134431.5 -5804.7
5062 10.0 132012.8 -5827.0	5152 10.8 132902.7 -5856.0	5242 10.8 133625.3 -5840.3	5332 10.5 134433.5 -5815.0
5063 7.6 132016.8 -5853.0	5153 10.5 132907.2 -5856.2	5243 10.3 133626.2 -5824.8	5333 11.0 134437.8 -5842.6
5064 9.5 132041.7 -5843.0	5154 11.3 132913.2 -5827.5	5244 10.5 133628.2 -5850.3	5334 10.5 134440.9 -5838.2
5065 10.5 132045.3 -5829.3	5155 9.4 132920.2 -5845.6	5245 10.8 133633.6 -5837.6	5335 10.0 134450.2 -5832.3
5066 9.6 132050.7 -5811.5	5156 10.3 132923.5 -5855.2	5246 9.8 133639.3 -5838.6	5336 10.8 134500.8 -5852.3
5067 10.8 132054.3 -5827.0	5157 9.6 132925.8 -5819.7	5247 10.5 133641.2 -5839.6	5337 10.5 134503.8 -5800.0
5068 9.8 132059.7 -5801.5	5158 10.5 132927.5 -5826.6	5248 9.5 133644.6 -5804.8	5338 11.0 134505.3 -5828.6
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5072 9.6 132118.8 -5823.4	5162 9.6 133012.4 -5806.7	5252 10.0 133709.4 -5842.3	5342 11.0 134535.9 -5813.0
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5074 9.4 132142.5 -5845.0	5164 11.0 133021.0 -5817.7	5254 9.7 133713.5 -5811.9	5344 11.5 134554.5 -5804.2
5075 9.4 132154.0 -5853.3	5165 10.3 133022.5 -5819.7	5255 9.4 133717.1 -5820.9	5345 11.5 134603.6 -5823.1
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5077 10.0 132200.0 -5819.9	5167 9.6 133034.4 -5810.7	5257 9.8 133730.8 -5834.1	5347 10.0 134615.5 -5845.3
5078 10.3 132200.0 -5810.5	5168 9.6 133034.4 -5811.7	5258 10.0 133736.6 -5828.3	5348 9.1 134616.4 -5840.8
5079 10.0 132200.7 -5802.5	5169 10.0 133035.5 -5825.2	5259 9.7 133748.5 -5829.3	5349 10.5 134617.0 -5828.7
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5082 9.0 132221.0 -5845.6	5172 10.0 133051.3 -5827.6	5262 10.3 133759.2 -5843.6	5352 9.1 134633.8 -5841.3
5083 7.5 132223.3 -5801.5	5173 10.5 133100.8 -5820.7	5263 10.8 133807.2 -5842.5	5353 11.0 134635.9 -5804.1
5084 9.2 132225.0 -5819.5	5174 10.0 133102.2 -5848.6	5264 10.3 133811.8 -5846.4	5354 10.5 134639.6 -5857.0
5085 11.0 132226.4 -5857.0	5175 10.0 133108.1 -5812.7	5265 9.0 133814.3 -5834.0	5355 10.3 134645.0 -5848.6
5086 9.0 132230.2 -5855.0	5176 9.5 133113.3 -5850.2	5266 10.3 133815.7 -5808.9	5356 10.3 134650.2 -5801.1
5087 11.0 132249.3 -5825.0	5177 10.0 133116.5 -5818.7	5267 9.7 133817.1 -5801.9	5357 11.5 134655.9 -5816.1
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5091 9.5 132259.0 -5855.0	5181 10.0 133131.6 -5840.0	5271 10.3 133839.5 -5835.9	5361 11.5 134705.0 -5810.1
5092 10.5 132303.2 -5823.6	5182 10.0 133141.2 -5847.6	5272 9.0 133842.0 -5847.4	5362 8.3 134717.9 -5845.3
5093 8.6 132308.9 -5809.6	5183 10.0 133144.7 -5839.5	5273 10.0 133846.6 -5822.9	5363 9.0 134719.1 -5811.1
5094 10.3 132324.3 -5814.6	5184 10.0 133204.4 -5831.2	5274 11.0 133850.0 -5831.9	5364 11.0 134733.8 -5827.6
5095 10.5 132328.8 -5805.6	5185 10.3 133216.0 -5822.6	5275 9.8 133850.4 -5823.2	5365 11.0 134734.4 -5841.3
5096 10.3 132334.0 -5815.6	5186 10.0 133219.8 -5829.2	5276 10.0 133854.4 -5828.7	5366 10.8 134739.3 -5824.3
5097 9.8 132342.3 -5817.6	5187 9.2 133221.0 -5822.7	5277 10.3 133855.5 -5850.3	5367 10.5 134742.6 -5828.2
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5100 10.5 132412.5 -5804.6	5190 10.0 133228.5 -5810.3	5280 10.0 133906.5 -5813.9	5370 9.7 134805.7 -5816.1
5101 11.3 132416.1 -5827.1	5191 10.0 133228.6 -5835.2	5281 10.0 133908.1 -5809.9	5371 9.6 134815.0 -5812.1
5102 9.9 132427.0 -5840.0	5192 9.9 133232.5 -5842.9	5282 9.3 133927.0 -5858.2	5372 9.4 134829.4 -5830.3
5103 8.9 132443.2 -5836.0	5193 9.5 133235.8 -5837.6	5283 10.0 133929.6 -5821.9	5373 11.0 134833.3 -5821.1
5104 10.8 132450.9 -5841.1	5194 10.0 133238.8 -5851.6	5284 10.0 133931.0 -5824.9	5374 10.3 134851.4 -5852.3

-58 5374 13h48m

-58 5375 13h48m

-58 5734 14h29m

5375	11.0	134852.3	-5843.3	5465	11.0	135945.8	-5824.0
5376	10.3	134857.3	-5843.3	5466	9.3	135950.4	-5820.5
5377	9.9	134857.5	-5859.3	5467	10.3	140001.4	-5811.4
5378	11.0	134912.6	-5822.1	5468	10.5	140005.6	-5855.7
5379	9.3	134921.5	-5803.2	5469	6.9	140009.0	-5840.6
5380	11.5	134935.0	-5819.2	5470	9.0	140010.8	-5834.5
5381	11.5	134939.0	-5813.2	5471	10.8	140011.6	-5822.0
5382	10.5	134949.8	-5855.3	5472	8.5	140014.2	-5810.4
5383	9.5	134951.9	-5808.2	5473	11.5	140021.4	-5813.4
5384	10.0	134953.5	-5821.2	5474	8.7	140024.6	-5802.4
5385	10.3	135001.3	-5839.3	5475	10.8	140051.8	-5837.5
5386	11.5	135003.2	-5801.2	5476	9.7	140052.0	-5801.4
5387	10.0	135019.8	-5847.0	5477	11.0	140054.0	-5836.0
5388	11.0	135020.9	-5800.2	5478	12.0	140054.3	-5809.4
5389	9.9	135043.4	-5812.2	5479	10.0	140111.4	-5839.5
5390	9.6	135047.1	-5825.3	5480	11.5	140137.2	-5803.5
5391	11.0	135048.1	-5857.5	5481	10.3	140139.6	-5837.6
5392	9.5	135058.6	-5844.3	5482	10.5	140141.7	-5857.6
5393	10.8	135103.0	-5802.2	5483	10.0	140145.2	-5812.5
5394	9.0	135108.3	-5840.8	5484	10.5	140146.6	-5806.5
5395	11.3	135109.1	-5808.2	5485	10.5	140154.5	-5850.8
5396	9.2	135120.6	-5826.3	5486	10.3	140156.2	-5812.5
5397	10.3	135128.0	-5856.6	5487	10.5	140159.5	-5827.6
5398	11.3	135129.8	-5859.4	5488	9.1	140221.6	-5804.5
5399	10.5	135140.0	-5812.2	5489	11.3	140223.6	-5810.5
5400	11.5	135201.8	-5800.2	5490	10.5	140225.2	-5849.6
5401	10.5	135220.9	-5842.4	5491	11.0	140239.0	-5833.6
5402	9.6	135223.0	-5852.4	5492	10.5	140259.4	-5801.5
5403	11.3	135239.9	-5803.2	5493	10.3	140303.6	-5824.6
5404	11.0	135245.1	-5845.4	5494	9.0	140306.0	-5842.6
5405	11.5	135250.2	-5805.2	5495	10.5	140319.2	-5854.6
5406	11.0	135256.2	-5837.4	5496	10.5	140319.2	-5855.6
5407	11.0	135307.8	-5814.2	5497	10.5	140320.3	-5809.5
5408	10.8	135312.2	-5811.2	5498	11.5	140320.3	-5815.5
5409	9.7	135319.2	-5845.6	5499	10.5	140323.8	-5824.6
5410	10.0	135328.0	-5838.4	5500	9.5	140325.7	-5811.5
5411	10.0	135349.8	-5841.2	5501	11.0	140338.0	-5802.5
5412	11.0	135404.3	-5826.4	5502	9.7	140342.8	-5801.5
5413	9.6	135414.8	-5857.4	5503	8.2	140356.4	-5847.8
5414	11.3	135423.2	-5806.3	5504	10.3	140403.3	-5813.5
5415	8.4	135428.9	-5821.3	5505	10.8	140412.7	-5811.5
5416	11.3	135430.6	-5822.0	5506	9.8	140415.2	-5812.5
5417	9.5	135433.8	-5838.0	5507	10.5	140420.6	-5839.6
5418	11.5	135451.3	-5847.7	5508	9.0	140420.6	-5847.3
5419	11.5	135501.4	-5832.5	5509	10.0	140425.9	-5833.3
5420	10.0	135507.3	-5810.3	5510	10.8	140431.8	-5829.6
5421	9.4	135508.4	-5851.5	5511	11.5	140440.2	-5815.5
5422	11.0	135514.3	-5800.3	5512	10.1	140444.5	-5831.6
5423	10.0	135523.9	-5807.3	5513	9.1	140446.5	-5818.5
5424	11.0	135529.6	-5806.3	5514	8.2	140448.8	-5846.6
5425	10.8	135535.2	-5839.5	5515	9.0	140452.5	-5808.5
5426	10.5	135538.6	-5806.3	5516	8.3	140457.8	-5805.5
5427	10.5	135539.5	-5816.3	5517	10.3	140512.8	-5844.6
5428	10.3	135545.0	-5805.3	5518	10.3	140513.0	-5851.6
5429	10.5	135552.7	-5828.5	5519	10.8	140517.0	-5855.3
5430	9.6	135559.7	-5817.3	5520	11.5	140521.8	-5803.5
5431	11.5	135606.4	-5807.3	5521	10.4	140536.8	-5857.8
5432	11.0	135609.0	-5850.5	5522	10.5	140548.4	-5838.6
5433	10.8	135609.3	-5842.5	5523	11.5	140549.1	-5803.6
5434	10.8	135610.4	-5812.3	5524	11.5	140600.0	-5809.6
5435	11.5	135634.3	-5821.3	5525	10.5	140604.0	-5844.6
5436	11.5	135638.3	-5816.3	5526	9.1	140621.4	-5814.6
5437	9.3	135645.6	-5802.3	5527	8.5	140625.5	-5811.6
5438	11.0	135657.2	-5857.9	5528	10.8	140626.7	-5832.6
5439	11.3	135703.8	-5846.5	5529	10.4	140628.9	-5829.4
5440	11.8	135710.0	-5810.3	5530	9.5	140633.9	-5801.6
5441	11.5	135710.0	-5819.3	5531	11.8	140643.3	-5822.6
5442	11.0	135712.0	-5845.9	5532	10.8	140647.3	-5823.6
5443	9.7	135731.2	-5829.0	5533	10.8	140656.8	-5832.6
5444	9.3	135738.2	-5853.5	5534	10.8	140657.0	-5839.8
5445	10.3	135800.5	-5800.4	5535	10.8	140700.9	-5834.6
5446	10.3	135801.4	-5813.4	5536	10.5	140717.4	-5847.6
5447	11.0	135805.6	-5801.4	5537	9.1	140723.0	-5812.6
5448	10.5	135807.0	-5859.5	5538	11.0	140735.5	-5821.6
5449	10.5	135810.1	-5853.3	5539	10.8	140743.7	-5845.6
5450	11.0	135818.0	-5808.4	5540	10.5	140757.6	-5824.6
5451	9.5	135815.0	-5841.0	5541	9.5	140834.1	-5817.6
5452	9.4	135831.2	-5830.3	5542	10.5	140836.0	-5826.6
5453	9.2	135832.2	-5855.0	5543	10.0	140836.3	-5858.4
5454	11.0	135849.3	-5808.4	5544	11.0	140838.5	-5837.7
5455	9.7	135854.9	-5836.5	5545	10.3	140845.4	-5832.7
5456	10.3	135921.0	-5842.5	5546	10.5	140901.2	-5814.6
5457	8.7	135921.8	-5803.4	5547	10.0	140908.0	-5832.7
5458	11.0	135922.0	-5810.4	5548	10.5	140911.8	-5823.2
5459	10.5	135922.0	-5830.5	5549	9.4	140916.3	-5821.6
5460	10.5	135929.2	-5830.7	5550	10.3	140916.3	-5817.6
5461	11.3	135931.9	-5820.4	5551	9.7	140924.9	-5818.6
5462	10.8	135934.0	-5847.7	5552	10.3	140925.4	-5824.7
5463	9.6	135940.7	-5828.8	5553	10.0	140930.2	-5822.7
5464	10.8	135942.8	-5825.4	5554	9.4	140933.2	-5805.6
5555	9.7	140940.7	-5820.6	5645	9.6	141953.8	-5825.8
5556	10.0	140947.8	-5833.7	5646	10.3	142007.3	-5854.2
5557	10.3	140948.0	-5854.7	5647	9.7	142024.5	-5808.0
5558	10.0	140948.0	-5840.0	5648	10.8	142028.7	-5832.6
5559	9.7	140948.8	-5840.7	5649	10.3	142032.6	-5814.9
5560	7.7	140958.0	-5823.7	5650	9.9	142038.2	-5817.9
5561	7.5	140958.1	-5805.7	5651	9.6	142040.2	-5842.0
5562	10.5	140959.4	-5815.7	5652	10.0	142045.3	-5815.9
5563	9.3	141004.2	-5812.7	5653	10.0	142050.7	-5801.9
5564	7.3	141013.7	-5846.4	5654	11.0	142052.4	-5820.0
5565	9.5	141056.9	-5808.7	5655	11.3	142107.8	-5830.2
5566	10.8	141103.4	-5829.7	5656	10.8	142121.8	-5844.2
5567	10.0	141103.5	-5807.7	5657	10.8	142128.4	-5836.2
5568	10.3	141106.4	-5809.7	5658	10.0	142132.8	-5805.0
5569	10.5	141109.6	-5826.7	5659	10.0	142135.4	-5821.0
5570	11.5	141113.0	-5854.7	5660	9.7	142143.4	-5824.9
5571	10.3	141119.1	-5814.7	5661	10.3	142146.1	-5805.0
5572	11.0	141120.5	-5852.4	5662	10.3	142151.0	-5821.0
5573	8.6	141121.7	-5836.9	5663	9.8	142151.0	-5826.0
5574	11.5	141130.6	-5846.7	5664	11.0	142152.9	-5839.2
5575	9.2	141131.7	-5852.5	5665	8.7	142154.2	-5807.0
5576	9.7	141134.7	-5809.7	5666	10.3	142156.0	-5816.0
5577	11.0	141140.2	-5828.9	5667	11.0	142203.5	-5822.2
5578	9.9	141141.3	-5832.7	5668	10.5	142207.0	-5813.0
5579	9.6	141141.8	-5834.5	5669	11.0	142207.8	-5834.0
5580	11.0	141147.0	-5851.5	5670	11.0	142213.8	-5836.3
5581	8.5	141154.5	-5819.7	5671	11.5	142214.9	-5831.2
5582	10.5	141207.9	-5819.7	5672	8.9	142238.7	-5819.8
5583	10.5	141232.8	-5836.7	5673	10.3	142240.7	-5854.2
5584	11.3	141235.1	-5846.7	5674	10.5	142243.0	-5856.3
5585	10.3	141238.0	-5818.8	5675	9.5	142253.0	-5809.0
5586	9.2	141242.1	-5814.7	5676	10.5	142254.6	-5817.0
5587	9.5	141252.8	-5824.7	5677	9.3	142315.2	-5833.3
5588	8.3	141258.6	-5822.7	5678	10.5	142317.2	-5831.6
5589	10.5	141317.2	-5833.9	5679	9.0	142320.7	-5803.0
5590	10.0	141335.5	-5811.8	5680	10.5	142328.9	-5807.0
5591	11.3	141342.9	-5848.7	5681	10.3	142335.9	-5805.0
5592	11.0	141347.8	-5859.7	5682	10.5	142337.9	-5813.0
5593	10.5	141351.3	-5804.8	5683	9.3	142347.8	-5856.8
5594	9.8	141409.9	-5822.7	5684	9.3	142358.0	-5825.6
5595	10.8	141410.8	-5831.9	5685	10.0	142359.8	-5841.6
5596	11.0	141421.5	-5830.4	5686	9.5	142401.3	-5807.1
5597	10.3	141422.2	-5822.7	5687	10.5	142402.8	-5846.6
5598	11.5	141429.6	-5846.7	5688	9.3	142405.5	-5800.1
5599	10.8	141448.0	-5840.7	5689	9.8	142414.8	-5857.8
5600	9.2	141448.0	-5850.7	5690	11.0	142421.2	-5824.8
5601	11.0	141453.9	-5834.7	5691	11.3	142424.1	-5841.3
5602	10.5	141454.6	-5817.8	5692	9.6	142429.0	-5823.8
5603	9.6	141526.2	-5827.8	5693	9.8	142429.3	-5815.1
5604	10.5	141530.5	-5848.0	5694	7.3	142429.7	-5816.1
5605	9.5	141543.9	-5816.8	5695	9.5	142434.8	-5809.1
5606	9.5	141548.6	-5841.3	5696	9.8	142436.7	-5840.1
5607	10.5	141548.8	-5827.8	5697	9.7	142438.2	-5803.1
5608	11.3	141550.9	-5848.8	5698	11.5	142448.0	-5839.3
5609	10.5	141600.0	-5830.8	5699	10.8	142456.9	-5825.3
5610	11.0	141601.5	-5842.8	5700	11.0	142512.6	-5822.4
5611	9.3	141608.0	-5801.8	5701	9.7	142539.8	-5804.5
5612	9.0	141617.6	-5847.0	5702	10.8	142547.6	-5859.3
5613	10.5	141620.5	-5820.8	5703	11.0	142603.3	-5859.3
5614	10.5	141632.2	-5839.4	5704	11.0	142610.5	-5823.3
5615	10.5	141638.5	-5838.8	5705	10.8	142612.9	-5851.3
5616	10.3	141647.9	-5805.8	5706	9.8	142614.8	-5836.9
5617	8.9	141654.4	-5815.8	5707	11.0	142616.0	-5851.0
5618	10.8	141656.2	-5854.0	5708	10.3	142625.4	-5827.0
5619	10.5	141657.5	-5840.8	5709	11.0	142630.0	-5859.4
5620	11.0	141706.8	-5855.8	5710	10.2	142632.0	-5838.9
5621	10.5	141710.7	-5813.8	5711	9.6	142641.2	-5854.8
5622	9.8	141719.9	-5841.8	5712	10.5	142644.8	-5839.4
5623	10.0	141730.2	-5828.0	5713	9.2	142645.3	-5834.4
5624	10.5	141731.5	-5846.8	5714	9.4	142648.0	-5834.4
5625	10.8	141733.5	-5849.8	5715	9.7	142648.6	-5853.4
5626	8.9	141740.4	-5833.9	5716	11.0	142655.6	-5836.4
5627	7.5	141753.4	-5840.2	5717	11.5	142717.4	-5855.4
5628	9.9	141758.0	-5836.8	5718	9.2	142717.8	-5845.4
5629	11.0	141829.8	-5840.0	5719	10.0	142720.3	-5830.4
5630	9.9	141846.8	-5824.3	5720	8.5	142730.5	-5852.4
5631	11.5	141846.9	-5833.2	5721	10.8	142734.5	-5822.4
5632	9.7	141850.5	-5854.3	5722	10.5	142741.5	-5857.6
5633	10.5	141852.3	-5802.9	5723	11.3	142804.2	-5837.4
5634	10.8	141853.4	-5825.2	5724	11.3	142804.8	-5843.4
5635	10.0	141859.7	-5803.9	5725	11.0	142841.6	-5845.4
5636	10.5	141904.3	-5813.9	5726	9.8	142847.5	-5836.6
5637	10.3	141909.7	-5825.9	5727	11.0	142847.7	-5822.4
5638	10.3	141909.8	-5805.9	5728	11.0	142851.7	-5854.4
5639	9.8	141913.7	-5842.5	5729	9.5	142859.2	-5854.4
5640	10.8	141919.5	-5840.9	5730	10.8	142932.5	-5849.4
5641	10.8	141932.8	-5846.8	5731	8.9	142937.8	-5836.8
5642	10.5	141933.0	-5804.9	5732	9.6	142939.6	-5834.6
5643	6.8	141936.7	-5837.9	5733	9.8	142940.6	-5801.6
5644	9.0	141939.2	-5822.0	5734	7.5	142944.5	-5835.4

-58 5735 14h29m

-58 6094 15h25m

5735	10.0	142948.3	-5849.4	5825	10.5	144506.4	-5859.8	5915	9.9	145905.4	-5803.5
5736	10.5	142955.0	-5847.8	5826	11.0	144506.4	-5836.8	5916	9.8	145907.7	-5805.5
5737	11.0	143000.8	-5856.8	5827	9.7	144509.0	-5820.9	5917	7.3	145911.0	-5839.3
5738	9.6	143021.0	-5835.4	5828	9.1	144517.2	-5802.8	5918	9.5	145916.3	-5807.5
5739	10.5	143035.6	-5852.9	5829	9.8	144527.3	-5825.8	5919	10.0	145921.7	-5855.2
5740	11.3	143050.2	-5856.2	5830	11.0	144530.4	-5841.8	5920	10.5	145925.3	-5820.5
5741	9.9	143053.5	-5826.3	5831	10.0	144536.1	-5840.8	5921	9.7	145926.3	-5833.0
5742	10.5	143054.9	-5846.2	5832	10.3	144537.3	-5834.8	5922	9.5	145929.3	-5820.5
5743	9.6	143110.6	-5805.0	5833	9.6	144540.8	-5855.8	5923	9.8	145934.2	-5855.2
5744	9.3	143115.4	-5846.9	5834	9.3	144553.8	-5836.8	5924	10.0	145935.7	-5804.5
5745	9.1	143118.6	-5801.0	5835	8.9	144608.0	-5819.8	5925	10.0	145952.0	-5845.2
5746	10.5	143119.8	-5836.7	5836	9.9	144608.0	-5842.3	5926	10.0	150001.8	-5845.2
5747	10.5	143120.9	-5832.0	5837	10.3	144614.9	-5826.8	5927	9.5	150003.8	-5847.2
5748	9.1	143127.8	-5825.3	5838	10.3	144615.5	-5822.9	5928	9.6	150023.5	-5821.2
5749	10.3	143158.2	-5851.2	5839	10.5	144641.1	-5837.9	5929	10.0	150028.6	-5848.2
5750	9.1	143205.7	-5845.5	5840	10.3	144646.6	-5837.1	5930	9.5	150029.5	-5836.2
5751	9.4	143208.8	-5835.5	5841	11.0	144658.8	-5855.9	5931	9.8	150049.0	-5801.5
5752	11.0	143210.8	-5828.3	5842	9.1	144704.8	-5825.1	5932	10.0	150054.8	-5834.2
5753	10.5	143214.0	-5848.5	5843	10.0	144715.5	-5843.9	5933	10.0	150115.6	-5857.2
5754	10.8	143224.8	-5837.5	5844	8.5	144748.4	-5850.3	5934	9.6	150116.5	-5816.5
5755	7.2	143239.2	-5805.0	5845	9.0	144757.2	-5802.4	5935	10.0	150119.5	-5841.2
5756	9.6	143242.3	-5830.9	5846	9.2	144801.2	-5841.9	5936	9.5	150128.0	-5823.2
5757	9.4	143247.4	-5856.5	5847	10.3	144821.3	-5855.9	5937	8.6	150131.6	-5855.2
5758	11.3	143307.6	-5842.5	5848	9.7	144823.9	-5845.9	5938	9.8	150133.1	-5855.2
5759	10.5	143312.6	-5830.5	5849	10.5	144826.8	-5835.9	5939	9.8	150149.2	-5841.2
5760	10.0	143314.2	-5839.5	5850	10.0	144841.9	-5858.5	5940	8.7	150148.8	-5856.5
5761	8.6	143321.2	-5855.8	5851	11.3	144906.3	-5832.2	5941	10.0	150210.7	-5806.5
5762	9.5	143322.0	-5831.7	5852	9.5	144941.4	-5835.9	5942	9.8	150219.9	-5808.5
5763	10.0	143326.3	-5838.5	5853	9.7	145009.9	-5826.6	5943	10.5	150223.4	-5852.2
5764	10.0	143335.3	-5848.0	5854	9.8	145017.8	-5857.6	5944	10.3	150225.4	-5804.5
5765	10.0	143340.8	-5826.6	5855	9.2	145021.9	-5836.9	5945	10.5	150226.4	-5857.2
5766	10.0	143348.7	-5852.6	5856	8.9	145035.7	-5826.5	5946	10.0	150226.6	-5815.5
5767	11.5	143352.2	-5843.5	5857	10.0	145037.6	-5808.5	5947	10.5	150232.3	-5827.2
5768	11.0	143421.8	-5857.8	5858	9.3	145037.8	-5825.9	5948	10.5	150235.7	-5812.5
5769	8.9	143430.6	-5815.6	5859	11.0	145041.6	-5848.9	5949	10.5	150238.3	-5842.2
5770	10.0	143450.1	-5856.8	5860	11.0	145043.0	-5830.2	5950	9.7	150241.9	-5811.5
5771	10.8	143453.5	-5827.6	5861	10.8	145056.3	-5826.0	5951	9.7	150241.9	-5848.2
5772	10.8	143455.7	-5834.2	5862	10.8	145132.8	-5846.0	5952	10.0	150248.5	-5835.2
5773	9.1	143458.8	-5830.6	5863	9.9	145137.6	-5805.5	5953	9.9	150256.1	-5804.5
5774	10.8	143501.2	-5829.6	5864	9.3	145158.9	-5828.0	5954	10.0	150300.8	-5846.2
5775	10.0	143509.8	-5847.8	5865	10.8	145202.0	-5859.0	5955	9.8	150312.4	-5826.2
5776	10.5	143526.5	-5853.4	5866	9.6	145203.5	-5837.8	5956	9.2	150324.4	-5822.3
5777	8.8	143529.3	-5822.0	5867	10.3	145205.0	-5838.7	5957	10.0	150325.2	-5840.2
5778	9.8	143535.8	-5857.6	5868	9.6	145206.8	-5857.0	5958	10.0	150343.3	-5840.0
5779	10.3	143536.3	-5844.8	5869	9.9	145227.9	-5813.5	5959	9.2	150344.2	-5844.2
5780	9.5	143544.9	-5825.6	5870	10.8	145234.7	-5850.0	5960	9.7	150413.7	-5808.5
5781	10.3	143600.0	-5846.6	5871	9.3	145244.0	-5859.8	5961	9.4	150417.4	-5809.5
5782	10.3	143617.9	-5836.6	5872	9.3	145249.0	-5847.8	5962	9.2	150424.6	-5847.2
5783	10.5	143625.3	-5857.8	5873	10.5	145341.0	-5809.5	5963	10.0	150428.1	-5848.2
5784	10.5	143630.7	-5826.6	5874	10.3	145348.9	-5802.5	5964	10.0	150431.6	-5850.2
5785	11.0	143630.7	-5851.6	5875	9.6	145418.2	-5845.0	5965	9.0	150435.8	-5802.5
5786	9.5	143637.2	-5844.4	5876	10.3	145429.9	-5825.2	5966	9.5	150442.9	-5809.5
5787	9.8	143641.8	-5849.8	5877	11.0	145434.2	-5852.0	5967	9.8	150503.6	-5833.5
5788	10.5	143651.3	-5838.8	5878	9.9	145437.2	-5817.5	5968	9.8	150523.9	-5829.0
5789	10.5	143655.6	-5859.6	5879	9.1	145447.4	-5843.0	5969	9.2	150528.4	-5815.5
5790	10.3	143656.3	-5826.8	5880	11.0	145505.0	-5850.9	5970	10.0	150528.9	-5846.2
5791	10.5	143802.3	-5849.6	5881	9.2	145505.1	-5805.5	5971	9.5	150530.0	-5806.5
5792	7.8	143810.3	-5837.8	5882	10.5	145513.9	-5846.1	5972	10.0	150530.9	-5843.2
5793	9.8	143816.6	-5820.3	5883	10.5	145516.8	-5845.1	5973	8.8	150536.3	-5836.2
5794	10.5	143817.1	-5850.6	5884	9.6	145517.6	-5803.5	5974	9.9	150542.2	-5803.5
5795	9.7	143840.4	-5839.8	5885	11.0	145545.4	-5852.1	5975	9.0	150559.5	-5845.2
5796	8.1	143848.4	-5802.6	5886	9.6	145559.7	-5857.6	5976	10.5	150601.8	-5802.6
5797	9.1	143849.8	-5839.7	5887	10.0	145607.6	-5808.5	5977	10.0	150659.0	-5840.6
5798	10.5	143910.9	-5852.5	5888	9.8	145610.1	-5850.5	5978	9.8	150739.0	-5831.3
5799	10.5	143913.8	-5823.9	5889	10.0	145615.9	-5810.5	5979	9.6	150740.2	-5815.6
5800	8.4	143934.7	-5807.7	5890	9.8	145617.0	-5811.5	5980	10.8	150740.3	-5802.6
5801	7.5	143947.2	-5852.9	5891	9.4	145624.0	-5831.2	5981	9.2	150742.6	-5835.3
5802	10.0	143951.2	-5853.5	5892	9.5	145634.6	-5849.1	5982	5.0	150745.1	-5819.3
5803	9.7	143953.8	-5859.9	5893	9.8	145653.7	-5856.0	5983	9.0	150807.0	-5846.3
5804	8.9	143957.3	-5854.9	5894	9.8	145722.9	-5810.5	5984	9.3	150812.1	-5811.6
5805	10.8	143959.5	-5846.7	5895	9.7	145723.4	-5845.1	5985	9.5	150825.6	-5858.3
5806	8.3	144006.9	-5836.4	5896	9.5	145726.6	-5806.5	5986	9.0	150832.9	-5813.9
5807	9.0	144035.4	-5848.5	5897	9.4	145730.3	-5829.0	5987	10.0	150838.8	-5829.3
5808	7.6	144050.1	-5826.9	5898	9.0	145736.8	-5847.1	5988	8.8	150839.3	-5857.5
5809	9.8	144102.0	-5845.9	5899	9.6	145737.8	-5819.5	5989	10.5	150911.2	-5804.6
5810	9.5	144115.0	-5822.7	5900	10.0	145750.1	-5854.1	5990	10.0	150912.5	-5835.0
5811	10.0	144131.3	-5834.7	5901	10.0	145759.0	-5847.1	5991	10.0	150914.7	-5857.3
5812	10.5	144137.2	-5854.7	5902	10.0	145759.2	-5844.1	5992	9.8	150924.7	-5826.3
5813	8.0	144151.3	-5858.7	5903	10.0	145759.6	-5813.5	5993	9.3	150940.0	-5826.3
5814	10.3	144159.5	-5846.6	5904	10.0	145803.9	-5850.3	5994	9.0	150950.7	-5849.3
5815	9.7	144243.8	-5853.7	5905	8.4	145805.1	-5854.1	5995	9.8	150953.0	-5816.7
5816	9.7	144249.4	-5852.8	5906	9.8	145813.3	-5804.5	5996	9.9	151000.0	-5811.7
5817	10.8	144339.2	-5826.8	5907	9.3	145816.3	-5803.5	5997	9.6	151024.0	-5824.5
5818	9.9	144340.2	-5838.4	5908	10.0	145822.0	-5853.1	5998	10.0	151031.5	-5812.7
5819	9.5	144344.8	-5828.8	5909	9.7	145822.5	-5816.5	5999	9.5	151044.2	-5853.4
5820	9.6	144357.3	-5832.0	5910	9.8	145826.0	-5832.1	6000	10.0	151123.5	-5852.8
5821	10.0	144357.3	-5823.3	5911	10.0	145830.8	-5851.1	6001	10.5	151130.7	-5801.7
5822	9.5	144420.5	-5831.8	5912	8.4	145837.2	-5813.5	6002	9.5	151142.4	-5801.7
5823	10.0	144433.2	-5800.4	5913	8.4	145844.2	-5812.5	6003	9.4	151205.5	-5808.8
5824	8.5	144439.2	-5823.6	5914	9.7	145857.3	-5838.8	6004	8.2	151219.6	-5823.7
6005	8.8	151225.8	-5841.4								
6006	9.5	151230.8	-5824.8								
6007	8.8	151241.6	-5843.4								
6008	8.8	151248.8	-5841.4								
6009	9.5	151304.8	-5824.1								
6010	9.5	151317.7	-5835.4								
6011	9.2	151319.5	-5859.8								
6012	6.0	151327.0	-5852.0								
6013	8.5	151330.6	-5849.4								
6014	9.2	151341.1	-5840.4								
6015	9.6	151354.3	-5807.8								
6016	10.0	151414.0	-5833.9								
6017	9.8	151435.9	-5857.5								
6018	9.6	151441.6	-5803.8								
6019	9.9	151456.3	-5806.9								
6020	9.8	151458.4	-5854.5								
6021	10.5	151501.5	-5804.9								
6022	9.5	151504.0	-5858.8								
6023	9.8	151526.7	-5823.7								
6024	9.2	151539.2	-5846.5								
6025	9.2	151605.2	-5810.9								
6026	8.8	151622.0	-5859.5								
6027	9.2	151628.3	-5850.5								
6028	10.0	151629.7	-5800.9								
6029	10.5	151653.5	-5823.8								
6030	9.6	151701.6	-5808.9								
6031	9.0	151713.8	-5832.0								
6032	9.0	151715.0	-5831.2								
6033	9.5	151717.9	-5839.6								
6034	9.0	151725.9	-5830.6								
6035	9.6	151726.2	-5811.9								
6036	10.5	151733.0	-5803.9								
6037	8.3	151743.3	-5807.9								
6038	9.8	151749.3	-5842.6								
6039	10.0	151805.7	-5846.6								
6040	10.0	151807.2	-5847.6								
6041	8.0	151823.3	-5804.0								
6042	9.8	151830.6	-5815.0								
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6044	9.4	151854.3	-5805.0								
6045	9.5	151855.8	-5845.6								
6046	9.8	151906.2	-5841.6								
6047	9.8	151924.6	-5827.6								
6048	10.0	151945.1	-5817.0								
6049	9.5	151949.0	-5808.0								
6050	10.0	151956.4	-5831.7								
6051	9.9	152003.5	-5805.0								
6052	10.5	152009.3	-5805.0								
6053	8.8	152024.5	-5839.7								
6054	9.8	152036.0	-5825.2								
6055	9.5	152040.1	-5800.0								
6056	9.5	152045.0	-5859.6								
6057	8.5	152106.2	-5849.7								
6058	10.0	152109.9	-5839.7								
6059	10.5	152116.6	-5812.0								
6060	9.4	152120.6	-5804.0								
6061	8.5	152145.2	-5835.8								
6062	8.5	152150.2	-5848.8								
6063	9.8	152154.9	-5856.7								
6064	10.0	152201.5	-5832.8								
6065	9.8	152219.3	-5808.1								
6066	9.0	152222.8	-5857.8								
6067	9.2	152236.5	-5825.4								
6068	9.8	152236.9	-5855.8								
6069	9.8	152237.3	-5801.9								
6070	10.0	152244.9	-5834.0								
6071	9.7	152245.0	-5825.1								
6072	8.3	152246.4	-5806.1								
6073	9.5	152246.8	-5830.8								
6074	10.0	152253.6	-5842.7								
6075	9.6	152300.2	-5814.1								
6076	9.5	152332.2	-5855.8								
6077	9.6	152334.3	-5815.1								
6078	9.0	152346.8	-5839.8								
6079	9.0	152352.9	-5835.8								
6080	9.0	152354.3	-5840.2								
6081	8.5	152354.4	-5805.2								
6082	9.0	152356.8	-5848.8								
6083	9.5	152419.9	-5803.2								
6084	9.0	152420.2	-5852.8								
6085	10.5	152423.4	-5810.6								
6086	9.9	152424.7	-5811.2								
6087	9.8	152427.8	-5808.2								
6088	10.0	152430.9	-5824.5								
6089	9.7	152442.7	-5818.2								
6090	10.0	152442.7	-5845.8								
6091	10.0	152445.7	-5843.8								
6092	8.6	152453.0	-5810.2								
6093	9.0	152507.9	-5852.8								
6094	9.8	152524.0	-5840.8								

-58 6095 15h25m

-58 6454 16h24m

6095	9.0	152524.6	-5818.2	6185	9.6	153810.6	-5856.5	6275	10.0	155253.6	-5817.1	6365	9.8	160807.2	-5840.7
6096	8.5	152533.1	-5826.8	6186	9.8	153820.6	-5858.1	6276	9.8	155255.5	-5828.3	6366	9.8	160810.7	-5835.7
6097	9.2	152538.1	-5848.5	6187	8.6	153830.5	-5827.4	6277	10.0	155316.1	-5810.1	6367	9.8	160814.4	-5847.7
6098	9.2	152610.1	-5822.6	6188	10.3	153847.2	-5803.7	6278	9.8	155316.9	-5836.5	6368	10.0	160820.3	-5826.7
6099	9.8	152624.5	-5853.9	6189	9.3	153849.6	-5837.2	6279	7.0	155341.5	-5849.3	6369	10.0	160825.3	-5829.7
6100	10.0	152630.9	-5806.2	6190	9.7	153859.8	-5846.9	6280	9.5	155356.2	-5833.7	6370	10.0	160828.0	-5847.7
6101	9.5	152634.6	-5853.9	6191	9.6	153909.1	-5824.7	6281	9.5	155358.2	-5851.3	6371	9.8	160842.3	-5817.6
6102	8.5	152642.8	-5809.2	6192	9.5	153923.5	-5836.9	6282	9.0	155410.7	-5848.8	6372	10.0	160852.0	-5805.6
6103	9.1	152651.0	-5815.2	6193	10.0	153924.9	-5808.7	6283	8.2	155420.3	-5804.2	6373	9.8	160853.2	-5819.8
6104	9.5	152657.2	-5854.9	6194	10.0	153940.1	-5808.7	6284	9.8	155425.1	-5800.2	6374	9.1	160854.4	-5858.8
6105	10.3	152717.2	-5808.3	6195	10.0	153941.8	-5803.7	6285	9.5	155429.2	-5847.7	6375	8.2	160913.4	-5845.8
6106	10.3	152729.4	-5819.3	6196	9.8	153942.5	-5849.5	6286	9.5	155441.1	-5824.3	6376	10.0	160944.8	-5845.8
6107	8.2	152732.6	-5822.1	6197	9.8	154003.5	-5826.9	6287	9.0	155457.4	-5839.0	6377	9.9	160955.1	-5828.8
6108	9.4	152739.7	-5806.4	6198	7.5	154013.4	-5806.7	6288	9.0	155502.0	-5851.4	6378	8.9	161000.1	-5809.7
6109	8.8	152752.0	-5858.9	6199	10.0	154020.2	-5822.6	6289	9.2	155508.6	-5853.4	6379	8.5	161002.4	-5816.7
6110	10.0	152757.3	-5819.3	6200	9.2	154028.0	-5832.9	6290	9.2	155551.2	-5837.9	6380	10.0	161002.8	-5839.8
6111	9.8	152813.5	-5806.3	6201	9.0	154029.0	-5820.7	6291	10.0	155556.8	-5806.2	6381	9.5	161004.3	-5815.7
6112	10.0	152815.6	-5832.9	6202	9.8	154031.1	-5834.9	6292	9.2	155557.0	-5827.6	6382	9.8	161029.3	-5824.8
6113	9.7	152817.3	-5819.3	6203	9.7	154042.7	-5842.9	6293	10.0	155559.9	-5808.2	6383	9.7	161036.2	-5847.8
6114	8.3	152834.7	-5821.9	6204	9.5	154045.1	-5856.9	6294	9.6	155600.5	-5818.8	6384	10.0	161047.3	-5811.7
6115	10.3	152851.1	-5804.3	6205	9.6	154050.0	-5831.2	6295	9.9	155608.2	-5845.4	6385	9.8	161058.9	-5834.8
6116	8.2	152909.9	-5847.9	6206	8.5	154054.4	-5805.7	6296	9.2	155637.8	-5859.0	6386	9.5	161101.4	-5804.7
6117	9.0	152926.2	-5819.3	6207	9.6	154107.5	-5849.6	6297	10.0	155638.2	-5834.4	6387	10.0	161116.7	-5818.7
6118	10.3	152927.1	-5815.3	6208	9.5	154108.9	-5830.5	6298	9.8	155655.6	-5804.3	6388	10.0	161122.0	-5824.8
6119	8.8	152942.7	-5843.5	6209	10.0	154110.5	-5810.7	6299	9.7	155702.9	-5848.4	6389	9.8	161122.4	-5823.7
6120	10.0	152943.0	-5843.1	6210	10.0	154130.6	-5830.8	6300	10.0	155718.9	-5811.3	6390	9.8	161128.0	-5845.9
6121	8.0	153015.9	-5843.5	6211	10.5	154135.0	-5802.8	6301	8.8	155728.8	-5841.0	6391	9.9	161208.4	-5820.7
6122	10.0	153038.4	-5834.4	6212	9.9	154146.7	-5820.8	6302	9.5	155735.7	-5802.3	6392	9.5	161233.5	-5811.7
6123	9.8	153059.5	-5826.0	6213	9.8	154222.0	-5822.3	6303	7.5	155740.2	-5837.4	6393	10.0	161235.3	-5848.9
6124	9.0	153100.8	-5845.0	6214	7.5	154240.3	-5840.8	6304	8.8	155751.0	-5824.3	6394	9.2	161237.3	-5841.9
6125	10.0	153114.0	-5811.4	6215	8.6	154252.1	-5840.8	6305	9.0	155808.5	-5805.3	6395	10.0	161240.5	-5833.9
6126	8.5	153119.2	-5822.0	6216	9.9	154258.2	-5824.8	6306	9.5	155829.3	-5819.4	6396	10.0	161256.5	-5810.7
6127	8.8	153122.0	-5821.2	6217	9.5	154259.6	-5841.4	6307	8.8	155900.1	-5810.3	6397	10.0	161258.5	-5811.7
6128	9.3	153130.8	-5807.4	6218	9.4	154309.4	-5806.8	6308	9.4	155901.2	-5855.8	6398	9.5	161300.8	-5835.9
6129	10.0	153135.9	-5846.0	6219	10.0	154333.3	-5835.8	6309	9.5	155912.7	-5817.3	6399	9.5	161304.0	-5836.9
6130	10.0	153144.3	-5849.0	6220	9.1	154356.9	-5832.8	6310	9.8	155940.6	-5830.4	6400	10.0	161316.9	-5836.9
6131	9.6	153146.2	-5818.4	6221	10.5	154356.9	-5816.8	6311	9.0	155948.8	-5841.4	6401	9.8	161320.5	-5800.8
6132	9.4	153151.6	-5803.4	6222	9.7	154357.5	-5855.8	6312	9.8	155953.0	-5823.4	6402	7.8	161331.5	-5818.4
6133	9.5	153153.6	-5841.0	6223	9.8	154358.8	-5857.2	6313	10.0	160003.5	-5832.4	6403	9.9	161335.1	-5820.8
6134	9.6	153200.3	-5824.4	6224	10.5	154413.9	-5821.8	6314	8.8	160019.0	-5826.4	6404	10.0	161428.6	-5802.8
6135	9.2	153202.9	-5830.0	6225	10.0	154419.9	-5827.2	6315	9.9	160032.1	-5833.4	6405	9.1	161441.8	-5859.0
6136	10.0	153221.2	-5848.0	6226	9.0	154433.6	-5834.8	6316	9.6	160033.9	-5858.4	6406	9.0	161514.6	-5815.9
6137	9.7	153223.5	-5801.4	6227	9.7	154441.2	-5810.8	6317	9.9	160039.2	-5834.4	6407	10.0	161532.4	-5836.0
6138	9.8	153227.3	-5811.4	6228	9.5	154505.0	-5850.7	6318	9.0	160053.6	-5816.4	6408	10.0	161604.8	-5809.0
6139	10.0	153232.4	-5828.0	6229	9.0	154523.0	-5840.7	6319	9.2	160108.6	-5832.4	6409	9.2	161623.7	-5858.0
6140	10.0	153239.8	-5832.0	6230	9.8	154525.4	-5829.4	6320	10.0	160115.0	-5826.4	6410	10.0	161627.7	-5826.0
6141	8.8	153243.3	-5829.0	6231	8.3	154541.4	-5818.5	6321	10.0	160143.8	-5809.4	6411	10.0	161644.8	-5816.0
6142	9.4	153248.7	-5811.5	6232	9.4	154549.0	-5842.7	6322	10.0	160145.1	-5819.4	6412	9.2	161649.6	-5859.0
6143	9.8	153252.5	-5821.4	6233	9.8	154557.3	-5833.1	6323	10.0	160213.1	-5833.4	6413	9.2	161709.0	-5854.0
6144	9.7	153316.0	-5821.5	6234	10.0	154603.4	-5855.4	6324	9.6	160233.5	-5822.4	6414	10.0	161718.5	-5852.0
6145	10.0	153317.4	-5809.5	6235	9.8	154608.9	-5837.7	6325	9.9	160241.6	-5851.4	6415	10.0	161719.1	-5800.1
6146	9.6	153319.1	-5808.5	6236	9.3	154629.7	-5857.2	6326	10.0	160242.4	-5848.4	6416	9.0	161722.2	-5831.0
6147	8.1	153319.6	-5824.2	6237	10.5	154634.8	-5802.9	6327	9.8	160247.0	-5826.2	6417	9.2	161730.5	-5855.0
6148	9.8	153339.4	-5858.0	6238	10.0	154636.8	-5819.9	6328	10.0	160257.7	-5850.4	6418	6.8	161743.0	-5818.8
6149	9.8	153353.3	-5858.1	6239	10.0	154638.0	-5813.9	6329	8.6	160312.1	-5849.4	6419	9.3	161744.3	-5823.5
6150	9.6	153357.4	-5835.2	6240	10.0	154659.5	-5818.9	6330	9.7	160313.2	-5839.0	6420	10.0	161749.5	-5851.1
6151	9.7	153409.9	-5806.5	6241	10.3	154701.7	-5806.9	6331	9.5	160320.9	-5803.5	6421	9.5	161845.9	-5839.1
6152	10.3	153418.4	-5822.5	6242	9.9	154705.7	-5803.9	6332	9.0	160334.1	-5832.4	6422	10.0	161909.8	-5811.2
6153	9.5	153418.5	-5819.5	6243	9.3	154706.4	-5857.7	6333	9.0	160346.8	-5843.6	6423	9.5	161912.8	-5800.2
6154	10.0	153419.2	-5840.1	6244	8.4	154706.8	-5815.9	6334	8.5	160401.7	-5823.0	6424	9.5	161921.4	-5828.6
6155	8.4	153431.2	-5848.1	6245	9.6	154714.5	-5823.8	6335	10.0	160434.1	-5846.6	6425	9.7	161934.9	-5823.2
6156	8.0	153448.9	-5843.4	6246	9.3	154723.8	-5800.9	6336	9.2	160436.3	-5811.5	6426	10.5	161934.9	-5824.2
6157	9.8	153452.9	-5813.5	6247	8.5	154740.4	-5818.9	6337	9.7	160439.6	-5836.6	6427	9.0	162009.4	-5842.1
6158	9.4	153458.3	-5824.5	6248	7.8	154749.4	-5839.2	6338	9.8	160444.8	-5832.6	6428	9.4	162022.9	-5829.1
6159	8.3	153505.7	-5817.5	6249	9.6	154757.8	-5815.9	6339	9.5	160449.7	-5813.5	6429	9.4	162023.9	-5833.1
6160	10.0	153508.2	-5838.1	6250	10.3	154801.9	-5825.9	6340	10.0	160513.9	-5859.6	6430	8.9	162028.6	-5831.1
6161	8.0	153509.5	-5817.5	6251	10.3	154812.4	-5815.0	6341	10.0	160516.5	-5838.6	6431	10.5	162034.7	-5803.2
6162	9.0	153509.9	-5851.1	6252	9.8	154822.8	-5814.0	6342	9.9	160523.6	-5827.6	6432	10.5	162044.6	-5824.2
6163	9.2	153514.3	-5857.7	6253	9.3	154822.8	-5810.0	6343	10.0	160526.6	-5851.6	6433	9.0	162056.9	-5830.1
6164	8.9	153526.0	-5854.5	6254	9.2	154825.1	-5805.0	6344	9.0	160531.5	-5805.5	6434	10.5	162111.6	-5804.3
6165	9.6	153526.7	-5818.5	6255	8.4	154843.3	-5855.2	6345	10.0	160547.4	-5839.7	6435	9.5	162123.2	-5821.2
6166	10.0	153541.7	-5841.0	6256	9.3	154845.5	-5859.2	6346	10.0	160548.7	-5829.7	6436	10.3	162132.0	-5824.3
6167	8.6	153546.7	-5839.0	6257	9.8	154847.2	-5815.1	6347	10.0	160554.6	-5838.7	6437	8.2	162156.0	-5839.2
6168	9.5	153552.0	-5833.0	6258	10.0	154902.4	-5803.0	6348	10.0	160601.5	-5826.7	6438	9.0	162158.5	-5848.2
6169	9.8	153559.5	-5825.0	6259	10.3	154903.5	-5802.0	6349	10.0	160612.0	-5828.7	6439	9.9	162159.7	-5846.4
6170	9.8	153600.9	-5836.7	6260	8.1	154906.2	-5821.2	6350	10.0	160613.2	-5837.7	6440	8.9	162201.7	-5815.3
6171	9.9	153612.2	-5839.4	6261	10.0	154906.5	-5823.0	6351	10.0	160630.4	-5839.7	6441	9.0	162221.7	-5820.2
6172	10.3	153627.3	-5812.6	6262	9.4	154928.8	-5839.2	6352	10.0	160636.6	-5827.7	6442	10.5	162246.2	-5816.3
6173	9.8	153639.0	-5851.7	6263	10.0	154930.4	-5845.2	6353	9.8	160648.1	-5841.7	6443	9.0	162254.9	-5857.8
6174	9.2	153647.5	-5831.0	6264	10.0	154931.6	-5849.2	6354	8.8	160657.1	-5804.5	6444	10.8	162305.9	-5806.4
6175	9.9	153715.5	-5821.4	6265	10.0	154957.9	-5847.2	6355	9.4	160700.4	-5808.5	6445	10.5	162311.7	-5820.4
6176	9.2	153715.8	-5847.0	6266	10.0	155013.1	-5833.2	6356	9.9	160716.4	-5823.7	6446	9.2	162313.6	-5847.2
6177	9.3	153718.2	-5832.0	6267	10.0	155033.1	-5851.9	6357	10.0	160717.4	-5803.6	6447	10.0	162317.3	-5811.4
6178	9.6	153737.0	-5849.0	6268	9.6	155038.5	-5803.0	6358	10.0	160717.6	-5822.7	6448	10.5	162319.0	-5822.4
6179	9.5	153740.8	-5845.0	6269	10.0	155046.6	-5816.1	6359	9.8	160729.5	-5848.7	6449	9.8	162326.4	-5802.4
6180	9.7	153747.9	-5853.6	6270	9.5	155055.1	-5827.3	6360	9.5	160743.6	-5839.7	6450	10.0	162330.7	-5826.2
6181	9.0	153749.2	-5800.6	6271	9.5	155055.4	-5854.3	6361	9.5	160745.6	-5834.7	6451	9.9	162346.0	-5811.4
6182	9.7	153753.9	-5829.0	6272	9.9	155110.4	-5812.1	6362	10.0	160750.2	-5842.7	6452	9.2	162353.0	-5855.2
6183	10.3	153755.4	-5811.6	6273	9.8	155246.1	-5855.3	6363	10.0	160754.9	-5829.7	6453	9.5	162355.8	-5849.2
6184	9.9	153756.5	-5851.0	6274	9.0	155250.8	-5848.0	6364	8.1	160802.8	-5804.6	6454	8.8	162406.8	-5858.2

-58 6455 16h24m

-58 6814 17h20m

6455	8.5	162426.2	-5834.2	6545	9.7	163923.3	-5855.7	6635	9.9	165355.2	-5845.1
6456	10.8	162512.4	-5808.5	6546	9.4	163929.2	-5823.4	6636	9.6	165356.5	-5832.1
6457	9.5	162517.3	-5840.3	6547	9.8	163932.3	-5841.7	6637	9.8	165357.1	-5806.9
6458	9.7	162521.3	-5844.3	6548	9.2	163936.6	-5838.7	6638	9.8	165358.7	-5827.1
6459	9.5	162524.2	-5859.3	6549	8.6	164015.3	-5813.2	6639	8.1	165402.5	-5845.1
6460	10.0	162524.7	-5824.5	6550	9.5	164037.9	-5834.7	6640	10.3	165414.7	-5833.1
6461	9.8	162614.1	-5808.5	6551	9.8	164050.3	-5825.2	6641	9.7	165428.5	-5830.1
6462	9.6	162616.5	-5811.5	6552	9.2	164117.3	-5844.7	6642	10.5	165431.8	-5818.9
6463	10.0	162629.4	-5813.5	6553	9.7	164144.4	-5831.8	6643	9.8	165433.6	-5842.1
6464	10.5	162631.1	-5801.5	6554	10.5	164154.6	-5813.3	6644	10.5	165434.9	-5808.9
6465	10.3	162642.5	-5807.5	6555	10.3	164157.4	-5807.3	6645	10.8	165449.3	-5822.9
6466	9.8	162642.9	-5834.8	6556	9.1	164209.5	-5844.8	6646	10.5	165520.0	-5845.1
6467	10.5	162659.1	-5801.5	6557	9.5	164222.7	-5856.8	6647	10.3	165529.1	-5804.0
6468	9.6	162706.0	-5811.6	6558	8.6	164223.1	-5814.3	6648	10.3	165534.3	-5823.5
6469	9.0	162707.2	-5857.3	6559	10.3	164259.3	-5824.3	6649	9.0	165534.4	-5851.2
6470	9.9	162712.4	-5810.6	6560	10.5	164328.7	-5824.4	6650	8.7	165541.3	-5803.0
6471	7.8	162721.8	-5821.9	6561	8.6	164336.6	-5802.4	6651	9.1	165541.6	-5853.2
6472	9.3	162734.2	-5846.4	6562	9.2	164336.6	-5846.8	6652	9.5	165542.6	-5827.3
6473	9.8	162746.7	-5858.4	6563	10.8	164344.5	-5812.4	6653	10.5	165552.4	-5847.3
6474	10.0	162823.9	-5829.4	6564	10.3	164345.8	-5814.4	6654	10.3	165552.4	-5832.3
6475	10.0	162826.2	-5840.4	6565	9.0	164351.2	-5841.8	6655	10.0	165557.1	-5823.3
6476	9.5	162828.9	-5853.4	6566	9.0	164356.0	-5834.8	6656	10.3	165559.2	-5825.3
6477	9.7	162832.5	-5806.6	6567	10.5	164359.3	-5801.4	6657	8.5	165602.6	-5802.0
6478	9.8	162853.1	-5845.4	6568	9.2	164407.2	-5828.8	6658	9.6	165604.4	-5833.3
6479	9.8	162908.8	-5843.4	6569	9.2	164416.6	-5850.8	6659	10.0	165621.6	-5821.0
6480	9.0	162916.0	-5803.6	6570	9.9	164428.3	-5816.4	6660	10.3	165637.0	-5824.0
6481	9.4	162916.9	-5808.6	6571	10.5	164440.9	-5825.4	6661	10.0	165640.6	-5838.3
6482	10.8	162920.3	-5816.6	6572	9.2	164502.7	-5836.9	6662	10.3	165647.5	-5853.3
6483	10.0	162929.1	-5839.4	6573	10.5	164511.5	-5808.5	6663	10.3	165654.1	-5840.3
6484	9.3	162933.0	-5843.4	6574	10.0	164530.9	-5809.5	6664	10.5	165658.3	-5850.3
6485	9.8	162934.7	-5856.4	6575	9.2	164547.8	-5821.5	6665	10.3	165659.3	-5855.3
6486	9.3	162940.4	-5810.6	6576	11.0	164554.3	-5815.5	6666	10.5	165700.1	-5813.0
6487	9.5	162948.0	-5827.4	6577	9.0	164556.7	-5818.5	6667	10.0	165701.3	-5852.3
6488	9.5	162949.3	-5853.4	6578	9.0	164607.1	-5827.2	6668	8.6	165705.4	-5802.0
6489	9.3	162951.3	-5807.6	6579	9.3	164612.6	-5824.2	6669	10.3	165711.2	-5843.3
6490	9.0	162954.0	-5850.4	6580	9.8	164624.9	-5820.5	6670	9.5	165714.3	-5848.3
6491	9.5	163014.3	-5821.6	6581	8.8	164626.4	-5830.9	6671	10.0	165725.6	-5830.3
6492	8.0	163015.3	-5836.8	6582	9.0	164629.3	-5833.9	6672	10.0	165727.3	-5831.3
6493	9.8	163028.4	-5856.4	6583	9.2	164637.3	-5842.9	6673	9.5	165735.3	-5857.3
6494	10.0	163034.9	-5828.4	6584	9.9	164659.5	-5802.5	6674	9.9	165749.9	-5848.3
6495	9.1	163050.4	-5811.7	6585	9.2	164707.1	-5855.9	6675	9.6	165800.2	-5850.3
6496	8.8	163110.0	-5852.4	6586	8.2	164715.4	-5825.8	6676	9.8	165808.9	-5801.0
6497	11.0	163117.9	-5819.7	6587	7.8	164719.5	-5847.6	6677	10.0	165825.8	-5842.3
6498	10.0	163127.3	-5815.7	6588	9.5	164752.2	-5853.9	6678	9.7	165837.1	-5837.3
6499	10.3	163145.5	-5821.7	6589	9.7	164803.3	-5853.9	6679	9.5	165842.0	-5800.0
6500	9.7	163149.4	-5837.4	6590	8.9	164803.5	-5817.6	6680	10.3	165849.2	-5855.3
6501	9.5	163202.6	-5843.4	6591	10.0	164808.2	-5836.9	6681	10.3	165849.2	-5827.3
6502	10.3	163203.2	-5804.7	6592	9.8	164819.3	-5823.8	6682	10.3	165901.7	-5826.6
6503	8.5	163203.8	-5842.4	6593	9.2	164824.8	-5835.9	6683	8.4	165946.1	-5833.3
6504	9.1	163206.2	-5816.7	6594	9.9	164850.0	-5823.6	6684	10.0	165959.1	-5841.3
6505	8.0	163227.1	-5811.7	6595	10.0	164858.1	-5815.6	6685	9.9	170011.4	-5851.3
6506	7.8	163233.3	-5857.5	6596	10.5	164859.4	-5813.6	6686	10.3	170023.9	-5857.3
6507	9.9	163241.9	-5805.7	6597	8.8	164859.9	-5856.0	6687	9.5	170044.1	-5820.0
6508	9.9	163303.0	-5813.7	6598	9.2	164909.5	-5857.3	6688	7.5	170048.0	-5859.3
6509	10.0	163322.4	-5824.7	6599	8.5	164917.3	-5847.0	6689	7.3	170052.5	-5837.3
6510	7.9	163336.3	-5819.7	6600	8.6	165007.3	-5805.7	6690	10.3	170057.0	-5853.3
6511	10.0	163345.7	-5831.5	6601	9.8	165014.0	-5829.0	6691	10.3	170057.0	-5850.3
6512	9.5	163357.6	-5829.5	6602	7.5	165017.8	-5839.0	6692	9.1	170101.9	-5855.3
6513	8.8	163412.1	-5814.9	6603	9.7	165025.4	-5847.0	6693	10.3	170127.7	-5855.3
6514	9.0	163417.3	-5811.9	6604	9.2	165035.2	-5852.0	6694	9.0	170142.6	-5819.0
6515	9.0	163448.2	-5839.5	6605	10.5	165043.1	-5819.7	6695	10.3	170150.7	-5845.3
6516	9.0	163448.8	-5803.9	6606	10.5	165054.3	-5822.7	6696	10.3	170201.8	-5852.4
6517	9.0	163452.5	-5836.5	6607	6.3	165057.7	-5846.0	6697	8.8	170206.0	-5801.0
6518	9.4	163457.3	-5817.9	6608	7.9	165102.9	-5851.0	6698	8.3	170209.8	-5845.4
6519	10.0	163520.0	-5817.0	6609	8.7	165105.7	-5850.0	6699	7.0	170210.2	-5826.5
6520	5.7	163541.5	-5817.0	6610	9.8	165108.8	-5838.0	6700	9.5	170214.3	-5827.4
6521	7.8	163555.4	-5848.6	6611	9.2	165109.7	-5812.8	6701	9.9	170219.6	-5840.4
6522	9.5	163619.4	-5813.0	6612	9.9	165111.0	-5829.0	6702	9.2	170225.0	-5802.0
6523	8.3	163635.9	-5844.6	6613	9.7	165115.0	-5857.0	6703	10.3	170226.8	-5835.4
6524	9.7	163641.0	-5826.6	6614	10.5	165115.6	-5825.4	6704	10.3	170229.3	-5838.4
6525	5.9	163642.5	-5807.0	6615	9.1	165117.4	-5807.8	6705	9.7	170240.5	-5808.0
6526	9.7	163701.5	-5826.6	6616	10.0	165135.9	-5838.0	6706	9.5	170254.6	-5813.0
6527	9.5	163707.0	-5828.6	6617	10.5	165144.8	-5853.0	6707	9.0	170307.6	-5859.4
6528	9.6	163710.7	-5819.1	6618	9.6	165147.1	-5805.8	6708	9.3	170331.5	-5827.2
6529	9.8	163712.9	-5843.6	6619	9.2	165150.8	-5843.0	6709	9.7	170345.0	-5833.4
6530	8.7	163713.5	-5800.1	6620	10.5	165158.9	-5844.0	6710	10.5	170346.1	-5832.4
6531	10.5	163717.3	-5803.1	6621	10.3	165200.3	-5838.0	6711	9.0	170349.3	-5847.4
6532	10.5	163735.0	-5822.1	6622	9.7	165213.8	-5839.0	6712	10.5	170408.5	-5840.4
6533	9.9	163756.1	-5820.1	6623	10.3	165219.0	-5839.4	6713	11.0	170415.6	-5827.4
6534	9.4	163759.0	-5805.1	6624	7.5	165221.0	-5821.4	6714	9.9	170422.9	-5818.0
6535	9.0	163801.1	-5824.8	6625	9.1	165224.8	-5833.0	6715	9.0	170428.9	-5815.0
6536	9.9	163824.5	-5845.6	6626	10.0	165226.3	-5836.0	6716	10.0	170429.1	-5837.4
6537	10.5	163834.3	-5812.1	6627	10.0	165235.8	-5822.4	6717	9.0	170505.9	-5807.0
6538	9.5	163841.1	-5808.1	6628	9.9	165248.2	-5822.4	6718	10.3	170508.8	-5837.5
6539	10.5	163844.9	-5817.1	6629	10.5	165248.8	-5809.8	6719	9.3	170512.5	-5835.5
6540	10.0	163845.1	-5841.7	6630	10.3	165255.0	-5810.8	6720	10.5	170517.0	-5835.2
6541	9.6	163852.9	-5825.4	6631	10.0	165258.0	-5847.1	6721	9.1	170536.4	-5802.0
6542	9.9	163855.9	-5820.1	6632	10.3	165314.4	-5815.9	6722	10.3	170551.1	-5833.5
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6544	10.3	163915.8	-5813.2	6634	8.5	165329.8	-5849.1	6724	9.9	170612.6	-5814.0
6725	9.0	170613.5	-5835.5								
6726	10.5	170615.4	-5835.5								
6727	8.9	170619.8	-5854.5								
6728	10.8	170628.0	-5856.5								
6729	9.8	170631.4	-5855.5								
6730	10.0	170657.4	-5837.5								
6731	9.9	170702.6	-5841.5								
6732	10.5	170705.1	-5839.5								
6733	8.8	170708.1	-5802.0								
6734	10.3	170722.2	-5857.5								
6735	9.9	170723.3	-5822.7								
6736	10.0	170745.9	-5822.6								
6737	10.2	170750.1	-5843.6								
6738	8.8	170755.1	-5808.0								
6739	10.5	170757.8	-5827.6								
6740	9.5	170800.4	-5835.6								
6741	9.6	170809.0	-5815.0								
6742	9.0	170810.1	-5852.6								
6743	9.5	170814.0	-5826.8								
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6745	9.3	170851.6	-5827.8								
6746	9.7	170856.2	-5858.6								
6747	10.0	170910.0	-5805.0								
6748	10.5	170918.0	-5830.6								
6749	9.3	170936.3	-5823.3								
6750	9.2	170951.8	-5837.6								
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6752	9.9	171006.4	-5835.6								
6753	9.9	171011.1	-5829.6								
6754	9.6	171023.0	-5842.6								
6755	10.3	171024.1	-5852.6								
6756	10.5	171041.0	-5858.2								
6757	9.7	171109.9	-5854.3								
6758	9.7	171111.4	-5854.3								
6759	9.8	171113.8	-5846.3								
6760	9.8	171128.5	-5823.0								
6761	9.5	171129.1	-5841.3								
6762	10.0	171129.9	-5852.3								
6763	9.9	171142.6	-5837.3								
6764	7.0	171157.8	-5820.3								
6765	10.5	171206.8	-5831.3								
6766	9.5	171213.6	-5816.0								
6767	9.9	171218.6	-5833.3								
6768	8.8	171223.6	-5800.0								
6769	10.3	171225.1	-5848.3								
6770	9.0	171243.9	-5808.0								
6771	9.5	171248.6	-5816.0								
6772	9.2	171248.6	-5848.3								
6773	8.9	171249.2	-5856.3								
6774	8.9	171249.7	-5854.3								
6775	7.2	171251.2	-5832.3								
6776	9.6	171316.9	-5839.3								
6777	9.4	171316.9	-5843.3								
6778	9.9	171339.4	-5829.4								
6779	10.3	171354.9	-5828.4								
6780	9.8	171402.7	-5836.4								
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6783	10.8	171416.0	-5823.4								
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6785	9.8	171438.3	-5816.0								
6786	10.3	171440.2	-5849.4								
6787	9.2	171443.2	-5817.0								
6788	8.5	171445.2	-5803.0								
6789	9.5	171446.2	-5813.0								
6790	10.0	171447.9	-5844.4								
6791	9.9	171454.6	-5821.4								
6792	9.5	171506.3	-5825.4								
6793	9.8	171510.0	-5829.4								
6794	9.0	171532.0	-5828.4								
6795	9.2	171541.4	-5821.2								
6796	8.2	171541.9	-5853.5								
6797	10.0	171557.2	-5834.5								
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6801	10.0	171721.0	-5815.0								
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6803	9.7	171751.2	-5825.0								
6804	9.3	171757.9	-5847.5								
6805	7.3	171804.1	-5855.5								
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6807	9.8	171858.2	-5832.6								
6808	9.9	171904.4	-5837.6								
6809	9.0	171911.3	-5806.2								
6810	10.0	171952.1	-5835.6								
6811	10.0	171956.8	-5836.6								
6812	8.8	172003.8	-5802.0								
6813	9.0	172012.0	-5816.1								
6814	10.0	172034.4	-5824.0								

-58 6815 17h20m

-58 7174 18h33m

6815	9.8	172050.1	-5813.6	6905	9.5	173806.2	-5858.3	6995	10.3	180141.4	-5840.5
6816	8.8	172104.7	-5829.7	6906	8.6	173831.6	-5802.1	6996	10.8	180210.6	-5841.5
6817	9.8	172109.5	-5855.7	6907	10.0	173903.9	-5822.4	6997	10.3	180244.8	-5838.5
6818	10.0	172110.9	-5827.7	6908	9.1	173906.3	-5848.4	6998	10.3	180305.7	-5840.5
6819	9.5	172127.0	-5840.7	6909	9.2	173946.7	-5807.5	6999	9.5	180319.0	-5820.5
6820	9.4	172130.4	-5817.6	6910	9.4	173950.4	-5822.4	7000	8.1	180321.1	-5844.5
6821	10.0	172149.6	-5828.7	6911	9.8	174003.8	-5825.4	7001	9.9	180416.2	-5850.6
6822	9.1	172156.5	-5808.2	6912	9.5	174011.1	-5849.4	7002	8.5	180423.9	-5804.2
6823	9.0	172200.2	-5805.5	6913	10.0	174029.3	-5800.9	7003	10.3	180425.5	-5854.6
6824	9.5	172200.4	-5825.0	6914	9.8	174116.9	-5844.4	7004	9.8	180429.4	-5821.6
6825	8.3	172217.2	-5827.3	6915	9.2	174129.2	-5810.0	7005	9.0	180437.8	-5813.0
6826	9.6	172226.5	-5820.9	6916	8.9	174131.5	-5826.5	7006	10.3	180459.4	-5843.6
6827	9.6	172231.0	-5826.0	6917	9.0	174147.3	-5824.5	7007	10.3	180503.9	-5838.6
6828	9.5	172242.0	-5804.0	6918	9.1	174202.5	-5813.2	7008	10.3	180524.0	-5829.6
6829	9.5	172251.3	-5828.8	6919	8.8	174203.8	-5800.0	7009	10.3	180538.4	-5851.7
6830	9.0	172311.0	-5818.3	6920	7.5	174211.4	-5849.5	7010	9.8	180543.6	-5843.7
6831	8.8	172319.5	-5825.9	6921	7.8	174301.0	-5814.2	7011	9.8	180551.6	-5830.7
6832	8.8	172323.0	-5802.6	6922	7.3	174327.0	-5852.6	7012	8.8	180620.3	-5813.2
6833	10.0	172412.9	-5854.8	6923	9.7	174420.2	-5858.7	7013	10.3	180634.0	-5826.7
6834	9.6	172414.4	-5811.5	6924	9.3	174430.7	-5850.7	7014	9.8	180638.9	-5846.7
6835	9.8	172446.1	-5840.8	6925	10.0	174456.3	-5826.7	7015	8.8	180653.3	-5813.8
6836	9.0	172447.4	-5853.8	6926	8.8	174517.7	-5834.7	7016	8.6	180707.3	-5856.7
6837	9.5	172448.1	-5816.4	6927	9.8	174521.0	-5842.7	7017	9.6	180725.4	-5833.7
6838	10.0	172455.0	-5819.5	6928	8.8	174557.8	-5829.7	7018	9.0	180809.8	-5800.3
6839	9.8	172500.4	-5843.8	6929	9.5	174618.3	-5827.8	7019	10.0	180817.1	-5846.8
6840	9.5	172501.1	-5857.8	6930	9.5	174621.7	-5831.8	7020	8.8	180819.4	-5847.8
6841	9.7	172509.0	-5829.8	6931	9.3	174628.1	-5825.8	7021	9.8	180819.5	-5822.4
6842	8.0	172512.2	-5847.8	6932	9.2	174717.3	-5852.8	7022	10.0	180819.8	-5855.8
6843	8.5	172528.7	-5816.3	6933	9.3	174722.5	-5847.8	7023	9.8	180846.8	-5843.8
6844	9.3	172601.1	-5820.4	6934	10.0	174743.0	-5818.0	7024	10.3	180904.3	-5839.8
6845	9.3	172639.7	-5822.9	6935	7.5	174748.6	-5837.8	7025	10.3	180916.0	-5851.8
6846	8.0	172650.4	-5814.8	6936	9.3	174752.1	-5822.4	7026	10.3	180954.1	-5855.8
6847	8.8	172653.1	-5857.9	6937	9.0	174802.5	-5803.6	7027	10.3	181003.7	-5839.8
6848	9.2	172659.8	-5803.9	6938	9.2	174923.4	-5844.9	7028	10.3	181004.2	-5841.8
6849	8.8	172718.5	-5836.9	6939	9.5	174938.0	-5814.1	7029	10.3	181020.4	-5835.8
6850	10.0	172720.7	-5806.6	6940	9.7	174955.8	-5855.9	7030	10.3	181032.2	-5848.8
6851	9.3	172721.7	-5852.9	6941	9.3	174959.0	-5829.9	7031	9.4	181038.4	-5855.8
6852	8.2	172729.1	-5833.9	6942	8.1	175001.7	-5826.9	7032	10.3	181046.1	-5821.8
6853	10.0	172740.7	-5802.2	6943	8.8	175022.4	-5804.7	7033	9.8	181054.6	-5829.9
6854	8.9	172748.4	-5848.9	6944	8.5	175037.2	-5801.9	7034	8.4	181057.0	-5852.9
6855	8.5	172750.7	-5841.9	6945	10.0	175054.3	-5842.0	7035	10.3	181107.5	-5851.9
6856	8.5	172759.6	-5842.9	6946	9.3	175114.5	-5848.0	7036	10.3	181127.1	-5851.9
6857	8.8	172812.9	-5804.4	6947	9.4	175120.5	-5816.4	7037	9.8	181132.7	-5850.9
6858	9.2	172813.8	-5809.2	6948	8.8	175141.3	-5812.5	7038	9.5	181137.5	-5808.0
6859	9.0	172822.3	-5849.0	6949	8.8	175141.6	-5821.2	7039	9.8	181214.3	-5856.9
6860	9.8	172848.0	-5808.2	6950	9.0	175201.3	-5859.0	7040	8.5	181223.0	-5827.9
6861	9.5	172849.3	-5817.4	6951	9.0	175210.7	-5856.0	7041	10.3	181232.6	-5841.9
6862	9.4	172854.7	-5840.0	6952	9.1	175215.0	-5822.0	7042	10.3	181237.9	-5832.9
6863	10.0	172857.0	-5816.6	6953	8.0	175242.5	-5817.8	7043	10.3	181239.5	-5843.9
6864	9.2	172900.5	-5827.0	6954	8.0	175245.7	-5837.0	7044	9.8	181246.1	-5825.9
6865	9.8	172927.0	-5809.8	6955	9.3	175300.6	-5810.0	7045	9.8	181251.2	-5848.9
6866	9.6	172927.5	-5824.0	6956	9.0	175302.7	-5814.0	7046	10.5	181301.6	-5847.9
6867	9.0	172935.0	-5822.5	6957	10.0	175327.3	-5822.1	7047	8.2	181318.3	-5834.9
6868	9.6	172939.1	-5823.0	6958	10.0	175339.1	-5831.1	7048	10.3	181346.2	-5834.0
6869	9.0	172956.6	-5856.0	6959	9.6	175346.0	-5831.1	7049	10.3	181414.5	-5848.0
6870	9.8	173000.4	-5802.8	6960	9.5	175350.0	-5812.4	7050	9.0	181440.8	-5848.0
6871	10.0	173027.1	-5812.0	6961	9.1	175414.1	-5836.1	7051	9.0	181441.2	-5849.0
6872	10.0	173031.8	-5818.1	6962	9.6	175428.4	-5838.2	7052	10.3	181441.3	-5839.0
6873	8.6	173057.3	-5845.1	6963	9.4	175436.1	-5810.0	7053	10.5	181506.2	-5853.0
6874	8.7	173119.6	-5825.3	6964	9.5	175443.0	-5824.2	7054	10.3	181514.3	-5858.0
6875	8.8	173120.0	-5852.1	6965	9.2	175521.2	-5844.2	7055	10.3	181518.1	-5859.0
6876	8.8	173145.7	-5800.5	6966	7.6	175532.3	-5834.2	7056	10.3	181606.0	-5834.1
6877	9.2	173151.3	-5830.1	6967	9.7	175534.1	-5841.2	7057	10.5	181607.2	-5841.1
6878	10.0	173159.3	-5812.0	6968	9.5	175608.6	-5853.2	7058	10.5	181636.5	-5840.1
6879	10.0	173203.9	-5808.1	6969	9.0	175616.8	-5855.2	7059	10.0	181650.6	-5829.1
6880	10.0	173242.8	-5830.1	6970	9.8	175620.1	-5858.3	7060	9.8	181706.3	-5841.1
6881	9.8	173301.5	-5835.1	6971	9.6	175641.5	-5824.3	7061	8.6	181726.4	-5821.5
6882	8.5	173316.4	-5803.8	6972	9.8	175642.0	-5841.3	7062	10.3	181730.1	-5823.1
6883	10.0	173324.0	-5839.2	6973	9.8	175717.5	-5853.3	7063	11.0	181742.2	-5843.1
6884	9.2	173357.0	-5854.2	6974	10.0	175720.7	-5851.3	7064	10.5	181806.6	-5857.1
6885	9.5	173402.6	-5827.2	6975	10.0	175723.9	-5831.3	7065	9.5	181810.8	-5808.0
6886	9.8	173403.6	-5817.2	6976	8.9	175741.6	-5834.3	7066	8.4	181814.3	-5832.1
6887	9.8	173427.2	-5804.3	6977	9.2	175753.3	-5846.3	7067	10.3	181858.9	-5834.2
6888	8.2	173444.0	-5855.2	6978	9.1	175806.3	-5828.3	7068	9.6	181901.8	-5809.7
6889	10.0	173514.0	-5807.2	6979	9.7	175850.5	-5833.3	7069	9.6	181911.5	-5837.2
6890	9.0	173515.1	-5815.7	6980	9.8	175906.2	-5807.1	7070	10.3	181913.3	-5852.2
6891	9.2	173518.9	-5843.2	6981	9.8	175914.6	-5846.4	7071	10.5	181914.3	-5849.2
6892	9.8	173519.0	-5856.2	6982	10.0	175920.3	-5834.4	7072	10.0	181914.5	-5837.2
6893	9.2	173532.0	-5845.2	6983	10.5	175928.2	-5833.4	7073	9.4	181917.3	-5801.9
6894	8.0	173559.7	-5808.3	6984	9.4	180008.3	-5830.4	7074	11.0	181920.0	-5812.7
6895	9.2	173605.7	-5858.3	6985	9.9	180008.8	-5823.4	7075	10.5	181923.6	-5807.7
6896	10.0	173615.0	-5840.3	6986	8.3	180048.0	-5859.4	7076	10.0	181953.8	-5819.7
6897	9.8	173616.0	-5816.0	6987	10.5	180054.0	-5844.4	7077	10.3	181955.1	-5846.2
6898	9.2	173639.8	-5810.0	6988	7.5	180101.5	-5812.0	7078	10.3	181955.8	-5823.7
6899	9.7	173639.9	-5841.3	6989	9.0	180106.2	-5819.7	7079	8.9	181958.3	-5840.2
6900	9.9	173706.5	-5830.3	6990	10.3	180118.7	-5850.5	7080	10.5	182002.7	-5813.7
6901	9.0	173711.8	-5812.4	6991	9.0	180120.2	-5818.0	7081	10.3	182006.5	-5845.2
6902	9.8	173719.2	-5806.4	6992	10.2	180122.1	-5830.5	7082	10.3	182036.0	-5856.2
6903	9.9	173743.0	-5826.3	6993	10.2	180124.6	-5848.5	7083	10.8	182041.7	-5810.7
6904	9.4	173745.5	-5822.5	6994	9.0	180128.2	-5838.5	7084	10.0	182055.8	-5813.7
7085	8.3	182105.5	-5812.7								
7086	9.6	182131.4	-5824.5								
7087	10.3	182146.7	-5834.3								
7088	9.0	182151.9	-5807.7								
7089	10.3	182152.8	-5835.3								
7090	10.5	182156.8	-5842.3								
7091	9.5	182156.9	-5803.7								
7092	10.0	182206.9	-5825.5								
7093	7.3	182231.9	-5847.3								
7094	11.0	182240.7	-5858.4								
7095	10.3	182305.7	-5846.4								
7096	9.6	182305.9	-5806.8								
7097	10.3	182307.8	-5821.8								
7098	10.3	182312.0	-5849.4								
7099	10.3	182319.9	-5837.4								
7100	8.6	182325.5	-5804.8								
7101	10.3	182326.9	-5857.4								
7102	8.8	182333.0	-5825.1								
7103	10.5	182341.1	-5824.8								
7104	9.2	182354.5	-5808.8								
7105	10.5	182359.4	-5848.4								
7106	9.5	182401.9	-5808.8								
7107	10.5	182405.7	-5811.8								
7108	11.0	182420.2	-5824.8								
7109	10.5	182425.5	-5801.9								
7110	9.6	182431.9	-5816.9								
7111	9.5	182434.9	-5810.9								
7112	9.6	182441.8	-5851.4								
7113	10.5	182441.8	-5846.4								
7114	10.8	182445.3	-5800.9								
7115	11.0	182451.8	-5850.4								
7116	10.8	182459.9	-5834.5								
7117	8.7	182504.1	-5838.5								
7118	10.8	182512.7	-5807.0								
7119	10.5	182516.0	-5818.0								
7120	10.3	182518.7	-5817.0								
7121	10.3	182555.5	-5832.5								
7122	7.7	182559.4	-5840.5								
7123	10.5	182619.8	-5813.0								
7124	11.0	182628.9	-5816.0								
7125	10.5	182633.2	-5803.0								
7126	10.5	182633.6	-5839.5								
7127	10.8	182648.2	-5849.5								
7128	10.3	182651.3	-5808.0								
7129	10.3	182658.7	-5819.0								
7130	11.0	182721.5	-5830.5								
7131	10.3	182735.4	-5832.5								
7132	9.6	182744.7	-5820.7								
7133	10.3	182746.0	-5812.0								
7134	9.7	182753.8	-5835.5								
7135	10.0	182753.8	-5853.5								
7136	10.5	182803.3	-5831.6								
7137	11.0	182810.8	-5856.6								
7138	9.3	182813.1	-5822.8								
7139	10.8	182830.9	-5847.6								
7140	10.8	182835.0	-5819.0								
7141	10.5	182835.2	-5844.6								
7142	7.1	182849.6	-5857.6								
7143	9.8	182908.5	-5854.7								
7144	7.1	182924.7	-5852.6								
7145	11.0	182930.0	-5802.0								
7146	10.3	182931.3	-5836.6								
7147	10.5	182948.6	-5853.6								
7148	9.8	182951.8	-5815.0								
7149	10.8	183009.5	-5818.0								
7150	9.6	183023.2	-5817.0								
7151	11.0	183031.0	-5815.2								
7152	10.3	183042.5	-5825.6								
7153	10.5	183043.2	-5816.2								
7154	10.8	183047.0	-5852.6								
7155	10.8	183103.0	-5854.7								
7156	10.3	183111.2	-5824.9								
7157	11.0	183111.6	-5854.7								
7158	11.0	183127.2	-5846.7								
7159	9.4	183132.5	-5802.2								
7160	11.0	183138.3	-5814.2								
7161	9.8	183144.1	-5813.2								
7162	10.0	183207.6	-5835.7								
7163	10.8	183222.7	-5809.2								
7164	9.5	183238.3	-5856.7								
7165	10.8	183239.6	-5809.3								
7166	10.8	183244.0	-5803.3								
7167	10.5	183244.8	-5831.7								
7168	10.5	183248.4	-5851.7								
7169	10.3	183258.9	-5851.7								
7170	10.5	183317.4	-5852.7								
7171	11.0	183317.4	-5846.7								
7172	11.0	183330.2	-5826.7								
7173	10.8	183332.7	-5847.7								
7174	9.8	183337.9	-5839.7								

-58 7175 18h34m

7175	10.0	183406.2	-5836.8	7265	11.0	185017.9	-5801.8	7355	7.6	190407.1	-5812.2
7176	10.5	183432.7	-5805.3	7266	10.0	185026.5	-5835.3	7356	10.0	190408.4	-5841.8
7177	10.3	183450.5	-5850.8	7267	10.3	185200.0	-5852.3	7357	10.0	190410.5	-5842.8
7178	9.8	183458.6	-5816.3	7268	9.5	185224.4	-5801.8	7358	9.1	190411.0	-5808.2
7179	11.0	183500.2	-5800.3	7269	10.5	185224.8	-5847.4	7359	10.0	190413.7	-5857.8
7180	11.0	183517.5	-5858.8	7270	10.0	185226.0	-5838.4	7360	9.6	190439.3	-5800.2
7181	8.7	183521.7	-5837.8	7271	9.8	185232.7	-5859.1	7361	10.3	190440.6	-5840.8
7182	10.5	183551.5	-5804.3	7272	10.0	185234.9	-5825.1	7362	10.3	190454.4	-5813.2
7183	10.8	183600.3	-5845.8	7273	7.6	185239.5	-5805.8	7363	10.0	190509.6	-5846.8
7184	10.8	183606.9	-5855.8	7274	10.8	185241.2	-5816.8	7364	11.0	190516.3	-5810.2
7185	9.1	183613.2	-5843.8	7275	10.5	185245.9	-5800.8	7365	10.5	190525.3	-5802.2
7186	9.3	183619.1	-5850.8	7276	9.7	185252.2	-5830.4	7366	10.5	190535.4	-5807.2
7187	10.8	183640.3	-5826.8	7277	10.5	185254.7	-5831.4	7367	10.5	190542.2	-5839.8
7188	8.8	183641.8	-5804.3	7278	9.0	185256.1	-5842.4	7368	10.5	190618.1	-5831.8
7189	10.5	183648.4	-5820.1	7279	6.7	185318.6	-5807.8	7369	10.3	190619.3	-5832.8
7190	8.9	183651.2	-5810.3	7280	10.3	185334.4	-5837.4	7370	9.7	190644.0	-5828.8
7191	10.5	183654.1	-5820.1	7281	10.0	185335.7	-5838.4	7371	10.0	190651.3	-5827.8
7192	10.3	183700.2	-5834.8	7282	10.5	185337.9	-5827.4	7372	9.3	190654.6	-5825.0
7193	10.5	183720.3	-5819.4	7283	9.6	185338.7	-5808.9	7373	10.5	190656.9	-5814.2
7194	10.0	183725.4	-5802.4	7284	11.0	185352.8	-5830.4	7374	10.8	190709.1	-5812.2
7195	10.3	183743.4	-5803.4	7285	8.3	185359.4	-5821.4	7375	10.0	190709.2	-5832.9
7196	10.0	183743.8	-5820.9	7286	10.3	185402.5	-5804.9	7376	10.0	190716.2	-5827.9
7197	11.0	183800.7	-5852.9	7287	8.0	185412.4	-5828.4	7377	10.5	190727.4	-5845.9
7198	9.7	183805.2	-5806.4	7288	10.0	185419.3	-5852.4	7378	10.0	190729.2	-5833.9
7199	9.7	183814.9	-5837.9	7289	9.7	185427.3	-5838.4	7379	10.5	190735.1	-5836.9
7200	9.5	183834.9	-5841.9	7290	9.5	185440.6	-5849.4	7380	10.8	190745.8	-5808.2
7201	10.3	183854.9	-5803.5	7291	10.3	185441.0	-5808.9	7381	9.5	190801.4	-5838.9
7202	10.5	183905.4	-5826.9	7292	10.8	185450.5	-5812.9	7382	9.8	190809.1	-5819.3
7203	10.8	183918.1	-5831.9	7293	10.0	185508.2	-5813.9	7383	9.7	190811.9	-5847.9
7204	10.5	183930.5	-5824.9	7294	9.5	185519.4	-5820.2	7384	11.0	190819.6	-5800.3
7205	8.4	183943.3	-5849.9	7295	10.5	185532.4	-5815.9	7385	10.5	190820.8	-5857.9
7206	9.3	184000.4	-5841.9	7296	11.0	185539.3	-5824.9	7386	8.5	190832.3	-5855.9
7207	9.1	184005.6	-5858.9	7297	10.0	185540.5	-5820.9	7387	10.0	190840.4	-5850.9
7208	10.8	184024.0	-5855.2	7298	11.0	185547.5	-5847.5	7388	10.5	190843.0	-5800.3
7209	10.5	184029.5	-5806.5	7299	10.8	185559.2	-5806.9	7389	11.0	190855.1	-5825.1
7210	10.8	184048.2	-5812.5	7300	9.7	185559.5	-5845.5	7390	10.5	190856.0	-5850.9
7211	10.8	184108.2	-5826.0	7301	10.3	185601.8	-5831.5	7391	10.8	190906.1	-5805.3
7212	7.8	184111.4	-5804.5	7302	9.7	185605.6	-5859.5	7392	10.8	190917.2	-5820.3
7213	9.9	184114.8	-5830.0	7303	11.0	185610.4	-5838.5	7393	8.2	190921.3	-5812.3
7214	10.0	184131.8	-5850.0	7304	11.0	185611.4	-5839.5	7394	11.0	190923.9	-5837.9
7215	10.5	184144.8	-5804.5	7305	9.5	185617.6	-5852.5	7395	11.0	190938.0	-5827.9
7216	10.8	184149.1	-5833.0	7306	9.7	185620.6	-5823.7	7396	10.5	190954.5	-5840.9
7217	9.8	184231.3	-5816.6	7307	11.0	185644.4	-5806.0	7397	10.5	191014.2	-5845.9
7218	10.5	184251.4	-5815.6	7308	9.5	185655.8	-5859.5	7398	10.8	191016.6	-5802.3
7219	8.7	184321.1	-5847.1	7309	9.8	185704.1	-5810.0	7399	11.0	191020.9	-5813.3
7220	10.0	184321.1	-5855.1	7310	11.0	185706.8	-5847.5	7400	10.5	191040.9	-5820.3
7221	10.0	184345.5	-5845.1	7311	9.7	185715.7	-5844.5	7401	10.5	191103.0	-5800.3
7222	10.0	184417.9	-5837.1	7312	10.5	185735.4	-5817.0	7402	10.5	191109.3	-5810.3
7223	10.3	184428.4	-5816.6	7313	10.3	185743.2	-5847.5	7403	10.5	191109.8	-5851.0
7224	10.3	184432.3	-5841.1	7314	11.0	185749.7	-5807.0	7404	11.0	191111.5	-5818.3
7225	9.1	184437.6	-5824.4	7315	10.0	185754.4	-5836.5	7405	9.5	191153.9	-5817.4
7226	9.4	184439.8	-5818.1	7316	10.5	185759.5	-5825.8	7406	10.0	191157.3	-5833.0
7227	10.5	184443.2	-5832.1	7317	11.0	185809.8	-5844.6	7407	10.5	191208.5	-5815.4
7228	10.0	184447.0	-5810.6	7318	10.3	185830.8	-5813.0	7408	9.7	191218.2	-5856.0
7229	7.9	184455.5	-5823.4	7319	10.5	185838.1	-5822.8	7409	9.5	191226.8	-5840.0
7230	9.3	184500.9	-5803.6	7320	10.8	185840.6	-5814.0	7410	8.3	191238.2	-5814.4
7231	8.5	184522.8	-5845.1	7321	10.3	185843.5	-5855.6	7411	11.0	191254.0	-5848.0
7232	10.8	184529.4	-5806.6	7322	10.5	185844.9	-5826.6	7412	11.0	191309.3	-5830.1
7233	10.5	184544.5	-5839.1	7323	11.0	185920.5	-5804.0	7413	10.0	191317.0	-5846.1
7234	10.5	184547.5	-5838.1	7324	11.0	185932.9	-5832.6	7414	10.0	191320.1	-5844.1
7235	8.7	184558.3	-5850.1	7325	10.0	185937.2	-5856.6	7415	9.5	191327.9	-5853.1
7236	11.0	184636.5	-5815.7	7326	9.6	185942.6	-5824.8	7416	10.5	191411.7	-5805.4
7237	10.0	184649.2	-5837.2	7327	11.0	185948.9	-5800.0	7417	9.0	191430.5	-5836.1
7238	10.0	184652.4	-5850.2	7328	10.5	185950.2	-5808.0	7418	9.5	191438.6	-5840.1
7239	10.8	184700.9	-5848.2	7329	10.8	185953.8	-5810.1	7419	10.3	191447.7	-5824.7
7240	9.5	184710.4	-5853.2	7330	8.4	185958.2	-5817.1	7420	9.0	191505.1	-5837.1
7241	10.8	184711.5	-5846.2	7331	11.0	190000.1	-5820.1	7421	9.0	191506.5	-5857.1
7242	11.0	184728.3	-5824.7	7332	9.5	190001.4	-5829.6	7422	11.0	191508.4	-5815.4
7243	8.7	184729.0	-5857.2	7333	10.3	190005.7	-5850.6	7423	11.0	191512.3	-5804.4
7244	11.0	184732.3	-5833.2	7334	11.0	190052.3	-5800.1	7424	10.8	191527.0	-5800.4
7245	11.0	184803.1	-5846.2	7335	10.5	190106.3	-5800.1	7425	10.5	191530.4	-5828.1
7246	11.0	184808.7	-5809.7	7336	10.5	190110.7	-5850.7	7426	11.0	191533.3	-5813.4
7247	11.0	184812.4	-5817.7	7337	10.8	190115.7	-5807.1	7427	11.0	191542.8	-5803.5
7248	10.3	184816.2	-5825.4	7338	11.0	190121.9	-5822.1	7428	10.5	191548.4	-5850.1
7249	10.0	184818.0	-5826.4	7339	9.6	190155.0	-5803.6	7429	11.0	191548.4	-5829.1
7250	10.5	184837.1	-5840.2	7340	9.6	190157.7	-5804.1	7430	11.0	191602.0	-5846.1
7251	10.3	184838.9	-5855.2	7341	8.0	190205.8	-5827.7	7431	10.3	191603.7	-5842.1
7252	10.3	184902.0	-5823.9	7342	10.3	190209.7	-5806.1	7432	10.5	191606.1	-5850.2
7253	10.5	184905.1	-5827.3	7343	9.4	190219.8	-5809.1	7433	9.7	191613.7	-5828.2
7254	7.6	184908.2	-5808.7	7344	10.5	190222.0	-5847.1	7434	11.0	191627.3	-5805.5
7255	8.8	184910.7	-5829.3	7345	10.5	190227.2	-5839.9	7435	11.0	191635.4	-5805.5
7256	10.5	184915.4	-5857.3	7346	9.9	190229.0	-5823.4	7436	9.7	191638.9	-5853.2
7257	11.0	184927.0	-5855.3	7347	10.3	190252.9	-5813.1	7437	10.3	191659.3	-5822.3
7258	9.9	184931.5	-5838.3	7348	10.8	190255.3	-5819.1	7438	9.5	191711.2	-5856.2
7259	10.3	184932.8	-5851.3	7349	10.8	190256.9	-5806.1	7439	11.0	191711.9	-5826.5
7260	10.0	184944.4	-5837.3	7350	10.5	190320.3	-5853.7	7440	11.0	191717.3	-5808.5
7261	11.0	184957.5	-5811.8	7351	11.0	190323.2	-5847.7	7441	10.3	191725.5	-5856.2
7262	9.9	185000.3	-5832.3	7352	10.5	190339.8	-5855.7	7442	10.3	191809.1	-5809.5
7263	11.0	185008.9	-5816.8	7353	11.0	190344.5	-5831.7	7443	9.9	191810.6	-5813.5
7264	11.0	185016.0	-5814.8	7354	10.5	190404.4	-5854.8	7444	10.5	191821.5	-5837.2

-58 7534 19h33m

7445	10.3	191841.3	-5859.2								
7446	9.5	191851.7	-5833.2								
7447	10.5	191900.7	-5839.2								
7448	11.0	191903.1	-5845.2								
7449	9.8	191905.1	-5815.0								
7450	10.5	191918.5	-5836.3								
7451	8.5	191923.6	-5811.5								
7452	11.0	191947.7	-5807.6								
7453	11.0	191947.7	-5820.6								
7454	10.0	191952.7	-5844.3								
7455	10.5	192009.9	-5838.3								
7456	11.0	192032.0	-5816.6								
7457	9.5	192100.7	-5812.6								
7458	10.5	192126.6	-5823.4								
7459	11.0	192151.8	-5821.5								
7460	11.0	192155.4	-5827.3								
7461	11.0	192200.1	-5810.7								
7462	10.5	192203.3	-5842.4								
7463	9.4	192217.2	-5817.7								
7464	10.0	192236.9	-5829.4								
7465	9.2	192248.4	-5812.7								
7466	10.0	192301.6	-5848.4								
7467	10.0	192302.7	-5859.4								
7468	10.0	192313.5	-5837.4								
7469	9.7	192315.3	-5830.4								
7470	9.0	192317.1	-5836.4								
7471	11.0	192329.0	-5808.7								
7472	8.5	192329.4	-5836.4								
7473	11.0	192340.9	-5815.8								
7474	10.3	192423.8	-5829.4								
7475	10.5	192432.7	-5820.8								
7476	11.0	192440.1	-5807.8								
7477	10.0	192456.4	-5818.8								
7478	11.0	192502.4	-5816.8								
7479	9.0	192513.6	-5802.8								
7480	10.5	192541.3	-5848.5								
7481	11.0	192551.8	-5826.5								
7482	11.0	192607.7	-5848.5								
7483	10.5	192617.0	-5819.9								
7484	9.8	192623.6	-5810.9								
7485	10.3	192639.9	-5846.5								
7486	9.9	192645.9	-5804.9								
7487	10.0	192647.5	-5858.5								
7488	11.0	192652.5	-5820.9								
7489	9.3	192653.8	-5842.5								
7490	10.8	192700.9	-5811.9								
7491	10.0	192717.2	-5812.9								
7492	10.3	192720.5	-5816.9								
7493	10.5	192751.7	-5842.5								
7494	6.4	192754.6	-5816.0								
7495	10.0	192806.1	-5848.5								
7496	10.8	192808.9	-5822.0								
7497	11.0	192813.1	-5842.6								
7498	9.6	192823.9	-5808.0								
7499	9.3	192826.3	-5817.0								
7500	11.0	192830.7	-5847.6								
7501	8.7	192833.6	-5855.6								
7502	9.0	192842.0	-5858.6								
7503	10.8	192851.2	-5802.0								
7504	7.0	192859.0	-5830.6								
7505	9.5	192912.5	-5855.6								
7506	10.5	192917.6	-5828.6								
7507	7.6	192919.2	-5826.3								
7508	8.6	192959.8	-5844.6								
7509	10.5	193001.3	-5815.1								
7510	9.4	193012.3	-5802.1								
7511	7.0	193021.2	-5832.6								
7512	9.8	193023.0	-5814.1								
7513	10.8	193044.2	-5807.1								
7514	8.8	193051.5	-5831.6								
7515	10.8	193101.3	-5811.1								
7516	11.0	193103.0	-5823.1								
7517	10.0	193117.7	-5830.7								
7518	9.0	193124.4	-5819.1								
7519	10.3	193151.9	-5858.7								
7520	10.0	193213.8	-5845.7								
7521	10.0	193215.6	-5854.7								
7522	9.8	193217.3	-5815.2								
7523	9.4	193231.8	-5835.7								
7524	10.3	193233.5	-5831.7								
7525	10.5	193243.8	-5808.2								
7526	10.5	193250.7	-5840.7								
7527	9.8	193252.3	-5842.7								
7528	10.5	193300.5	-5815.2								
7529	9.2	193309.4	-5835.7								
7530	10.0	193310.8	-5859.7								
7531	10.3	193313.4	-5811.2								
7532	8.9	193315.2	-5848.7								
7533	10.3	193321.7	-5839.7								
7534	9.8	193350.6	-5850.7								

-58 7535 19h34m

-58 7894 20h44m

7535	9.3	193403.3	-5830.7	7625	11.0	195017.3	-5832.6	7715	9.8	200714.1	-5830.2
7536	9.0	193403.8	-5816.3	7626	11.0	195023.8	-5837.6	7716	10.3	200714.6	-5825.3
7537	9.7	193406.5	-5840.7	7627	10.0	195029.7	-5838.6	7717	10.5	200735.9	-5843.3
7538	9.5	193416.7	-5856.8	7628	10.5	195031.6	-5854.6	7718	10.5	200807.1	-5808.5
7539	9.5	193418.9	-5843.8	7629	7.5	195038.2	-5843.6	7719	10.3	200812.2	-5819.5
7540	10.5	193436.8	-5835.8	7630	11.0	195052.7	-5842.6	7720	9.5	200840.2	-5857.3
7541	10.8	193440.5	-5823.5	7631	9.5	195104.1	-5847.6	7721	10.8	200843.7	-5807.5
7542	9.9	193444.6	-5818.3	7632	10.3	195104.2	-5839.6	7722	10.3	200854.1	-5845.3
7543	9.0	193454.6	-5816.3	7633	10.0	195118.9	-5812.1	7723	10.3	200906.8	-5821.9
7544	10.8	193505.1	-5821.3	7634	9.5	195201.7	-5849.6	7724	10.8	200935.8	-5838.3
7545	10.5	193510.9	-5849.8	7635	10.8	195209.4	-5804.2	7725	10.5	200947.0	-5811.5
7546	9.1	193512.5	-5836.8	7636	10.0	195217.5	-5847.6	7726	10.8	201004.8	-5801.5
7547	10.0	193515.9	-5840.8	7637	10.3	195222.1	-5851.7	7727	10.5	201006.5	-5804.5
7548	10.8	193531.0	-5814.3	7638	11.0	195226.6	-5842.7	7728	9.6	201027.1	-5821.9
7549	9.9	193539.8	-5817.3	7639	10.8	195231.8	-5801.2	7729	10.0	201057.6	-5855.3
7550	9.8	193541.9	-5810.3	7640	8.5	195238.7	-5847.7	7730	10.8	201100.1	-5859.3
7551	10.5	193548.7	-5822.3	7641	11.0	195246.9	-5812.2	7731	10.8	201119.8	-5832.4
7552	10.3	193604.4	-5808.3	7642	9.7	195250.2	-5854.7	7732	11.0	201122.5	-5850.4
7553	10.0	193625.6	-5836.8	7643	9.3	195259.1	-5822.9	7733	11.0	201150.7	-5859.4
7554	9.5	193633.1	-5849.8	7644	10.5	195300.8	-5839.7	7734	10.3	201222.6	-5839.4
7555	10.3	193637.4	-5821.4	7645	9.7	195303.9	-5806.2	7735	11.0	201224.3	-5829.4
7556	9.9	193639.0	-5855.8	7646	9.5	195320.8	-5831.7	7736	10.8	201238.4	-5823.0
7557	10.0	193643.9	-5808.4	7647	10.5	195355.4	-5836.7	7737	10.8	201240.1	-5858.4
7558	9.9	193646.3	-5813.4	7648	10.5	195421.8	-5832.8	7738	10.8	201308.4	-5855.4
7559	10.5	193659.6	-5802.4	7649	11.0	195427.4	-5852.8	7739	10.5	201308.4	-5843.4
7560	10.3	193700.3	-5835.8	7650	9.9	195433.2	-5826.0	7740	10.5	201319.3	-5804.6
7561	10.8	193705.6	-5821.4	7651	10.3	195443.9	-5802.3	7741	10.3	201320.5	-5854.4
7562	9.1	193706.9	-5856.8	7652	10.0	195458.1	-5825.8	7742	10.0	201336.2	-5838.4
7563	11.0	193710.4	-5822.4	7653	10.5	195505.0	-5849.8	7743	9.6	201337.9	-5843.4
7564	10.3	193723.7	-5843.9	7654	10.0	195510.5	-5842.8	7744	10.5	201340.3	-5819.6
7565	9.5	193736.9	-5801.4	7655	9.6	195510.9	-5810.3	7745	10.3	201345.9	-5833.4
7566	7.6	193753.1	-5801.4	7656	10.3	195511.5	-5837.8	7746	10.0	201359.6	-5826.4
7567	9.8	193810.3	-5816.4	7657	8.5	195532.1	-5851.9	7747	10.5	201419.9	-5802.6
7568	10.0	193847.3	-5827.9	7658	10.8	195546.4	-5813.7	7748	9.9	201426.9	-5825.5
7569	9.4	193856.6	-5838.1	7659	10.0	195556.3	-5827.9	7749	11.0	201428.2	-5831.5
7570	10.5	193859.8	-5806.5	7660	10.5	195601.5	-5823.9	7750	9.7	201429.2	-5843.5
7571	10.8	193934.1	-5834.1	7661	10.5	195620.0	-5834.9	7751	9.2	201433.7	-5819.1
7572	10.5	193934.6	-5807.5	7662	9.7	195649.3	-5830.9	7752	10.5	201451.4	-5846.5
7573	10.5	193943.4	-5849.1	7663	10.8	195657.9	-5806.7	7753	8.5	201509.4	-5829.5
7574	9.0	193952.3	-5858.1	7664	10.5	195744.1	-5825.9	7754	9.7	201510.5	-5824.6
7575	10.5	194031.6	-5855.1	7665	9.3	195750.7	-5811.7	7755	8.6	201519.6	-5838.5
7576	10.5	194033.8	-5844.1	7666	10.5	195803.1	-5823.9	7756	10.5	201524.7	-5810.7
7577	7.7	194053.4	-5849.1	7667	9.7	195810.3	-5841.0	7757	10.5	201541.1	-5830.5
7578	9.8	194102.9	-5820.4	7668	9.7	195810.3	-5836.0	7758	11.0	201546.1	-5850.5
7579	9.3	194104.8	-5814.6	7669	9.7	195811.1	-5851.0	7759	10.8	201548.3	-5852.5
7580	10.8	194124.6	-5813.7	7670	10.5	195831.7	-5837.0	7760	10.8	201608.0	-5828.5
7581	10.5	194148.8	-5842.1	7671	9.3	195841.5	-5815.7	7761	9.6	201621.0	-5836.5
7582	10.0	194213.3	-5847.1	7672	10.5	195854.0	-5858.0	7762	10.5	201621.4	-5819.7
7583	10.0	194227.9	-5855.1	7673	11.0	195907.4	-5842.0	7763	10.0	201624.4	-5822.6
7584	10.5	194232.4	-5832.1	7674	10.5	195919.6	-5801.7	7764	9.8	201628.2	-5830.5
7585	10.3	194257.6	-5858.1	7675	10.5	195929.8	-5810.7	7765	10.5	201646.0	-5831.5
7586	10.5	194259.8	-5818.8	7676	8.2	195932.6	-5822.3	7766	10.5	201647.7	-5808.7
7587	10.5	194315.2	-5825.5	7677	10.5	195937.8	-5802.7	7767	10.5	201651.2	-5836.5
7588	10.5	194321.4	-5822.2	7678	9.6	195941.7	-5800.7	7768	9.4	201703.4	-5850.5
7589	10.5	194323.7	-5824.2	7679	11.0	195950.7	-5835.0	7769	8.8	201755.1	-5802.7
7590	10.5	194325.6	-5839.2	7680	10.0	200004.1	-5833.0	7770	10.8	201755.1	-5809.7
7591	10.0	194327.8	-5816.8	7681	9.6	200010.0	-5849.0	7771	10.8	201832.0	-5821.1
7592	11.0	194339.9	-5801.8	7682	10.0	200033.1	-5818.9	7772	10.5	201842.4	-5834.6
7593	9.9	194346.1	-5804.8	7683	10.5	200036.9	-5822.8	7773	10.8	201842.4	-5858.6
7594	9.5	194354.3	-5830.2	7684	10.5	200120.4	-5836.0	7774	10.8	201845.1	-5819.7
7595	10.8	194408.0	-5812.8	7685	10.8	200138.3	-5859.0	7775	9.6	201857.4	-5859.6
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7967 8.6 205616.9 -5813.2	8057 8.4 211650.4 -5838.2	8147 10.3 213616.6 -5837.8	8237 9.5 215538.7 -5834.4
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7969 8.3 205631.0 -5804.2	8059 8.4 211655.9 -5828.2	8149 10.5 213619.2 -5859.8	8239 8.5 215553.1 -5846.4
7970 11.0 205644.8 -5848.6	8060 9.4 211705.9 -5809.0	8150 11.3 213642.1 -5840.8	8240 8.9 215606.1 -5821.8
7971 11.0 205655.8 -5824.6	8061 9.4 211719.8 -5817.0	8151 9.7 213708.9 -5833.8	8241 10.5 215606.2 -5819.4
7972 10.8 205656.2 -5813.2	8062 9.8 211740.0 -5850.2	8152 11.0 213719.0 -5854.8	8242 10.3 215619.2 -5846.4
7973 10.8 205704.4 -5800.2	8063 10.8 211745.7 -5840.2	8153 9.8 213720.2 -5839.8	8243 11.0 215628.3 -5842.4
7974 10.5 205708.3 -5803.2	8064 10.8 211749.0 -5828.2	8154 9.5 213724.2 -5958.8	8244 10.5 215649.3 -5830.4
7975 11.0 205737.0 -5846.6	8065 11.0 211758.1 -5845.2	8155 8.3 213738.7 -5834.8	8245 11.0 215714.2 -5811.4
7976 9.0 205748.5 -5816.2	8066 10.8 211818.7 -5800.0	8156 8.5 213739.8 -5815.9	8246 10.8 215726.5 -5852.4
7977 10.0 205840.5 -5842.6	8067 9.8 211845.1 -5822.5	8157 9.5 213744.5 -5844.8	8247 10.5 215741.8 -5824.4
7978 11.0 205848.8 -5805.2	8068 10.0 211914.1 -5825.2	8158 9.7 213748.4 -5825.8	8248 9.8 215804.6 -5852.4
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7981 9.5 205932.9 -5802.2	8071 10.3 211932.0 -5840.2	8161 11.0 213843.2 -5835.9	8251 11.0 215900.0 -5836.4
7982 7.8 205946.2 -5822.4	8072 11.0 211933.4 -5845.2	8162 9.5 213849.3 -5804.0	8252 9.8 215901.6 -5828.4
7983 10.0 210022.3 -5842.7	8073 9.9 211956.9 -5857.2	8163 8.9 213901.0 -5836.9	8253 10.8 215933.4 -5809.5
7984 9.8 210032.9 -5846.7	8074 10.8 212009.6 -5854.2	8164 11.0 213936.4 -5843.9	8254 8.5 215941.3 -5806.5

-58 8255 22h00m

-58 8614 23h33m

8255 11.3 220014.6 -5847.4	8345 11.0 222002.4 -5809.0	8435 11.0 223930.8 -5821.5	8525 10.3 230435.6 -5842.2
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8258 10.8 220041.9 -5821.4	8348 11.0 222046.2 -5816.0	8438 11.0 224009.3 -5815.5	8528 9.2 230519.4 -5833.2
8259 11.0 220137.4 -5845.4	8349 10.8 222052.0 -5822.0	8439 9.0 224015.1 -5857.5	8529 9.6 230539.1 -5808.3
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8271 10.5 220339.1 -5845.4	8361 10.5 222317.1 -5809.1	8451 8.5 224335.5 -5813.6	8541 10.5 230929.5 -5817.3
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8276 10.5 220437.4 -5843.4	8366 11.0 222401.5 -5800.1	8456 11.0 224518.9 -5801.6	8546 9.5 231114.4 -5857.4
8277 10.5 220439.7 -5828.4	8367 9.8 222410.3 -5847.0	8457 11.0 224523.9 -5827.7	8547 8.5 231115.9 -5858.4
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8279 11.0 220548.6 -5842.4	8369 9.6 222422.5 -5852.0	8459 10.0 224544.2 -5813.6	8549 8.0 231217.0 -5849.4
8280 10.5 220604.5 -5811.6	8370 11.0 222429.0 -5807.1	8460 9.4 224600.5 -5804.6	8550 9.0 231309.1 -5849.4
8281 10.8 220621.1 -5848.4	8371 10.8 222432.7 -5822.5	8461 11.0 224628.0 -5858.8	8551 9.6 231314.1 -5811.4
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8284 10.0 220719.3 -5837.4	8374 10.5 222528.9 -5833.0	8464 10.5 224645.4 -5820.7	8554 9.5 231507.8 -5857.4
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8287 11.0 220824.4 -5821.0	8377 11.5 222626.8 -5823.0	8467 9.5 224704.8 -5838.8	8557 7.7 231543.2 -5819.4
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8289 9.7 220833.7 -5852.4	8379 6.5 222747.4 -5831.0	8469 9.5 224740.1 -5838.8	8559 8.0 231605.8 -5825.4
8290 10.0 220851.8 -5809.7	8380 9.3 222756.8 -5811.6	8470 11.0 224808.9 -5820.7	8560 9.5 231703.4 -5840.4
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8293 10.8 221010.8 -5811.7	8383 11.0 222823.9 -5805.2	8473 10.0 224856.6 -5857.8	8563 9.7 231812.4 -5841.4
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8296 11.3 221019.7 -5817.8	8386 11.0 222919.6 -5811.2	8476 11.0 224955.4 -5825.8	8566 8.2 232000.1 -5800.4
8297 11.5 221020.1 -5846.2	8387 9.1 222933.9 -5819.1	8477 10.3 225014.9 -5848.9	8567 11.3 232006.3 -5817.4
8298 9.3 221025.4 -5806.8	8388 8.2 222942.3 -5830.1	8478 9.6 225020.9 -5822.0	8568 10.5 232011.9 -5801.4
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8302 11.0 221158.0 -5823.0	8392 12.0 223050.7 -5807.3	8482 8.6 225139.8 -5836.0	8572 9.7 232145.4 -5858.4
8303 11.0 221208.4 -5801.8	8393 11.0 223050.8 -5822.2	8483 9.5 225140.8 -5832.0	8573 9.9 232242.0 -5845.4
8304 6.0 221216.7 -5807.8	8394 11.0 223053.9 -5811.3	8484 9.5 225158.7 -5829.0	8574 9.7 232249.0 -5809.4
8305 9.4 221233.2 -5810.8	8395 8.9 223059.4 -5853.1	8485 10.5 225207.4 -5807.2	8575 11.0 232256.3 -5815.4
8306 9.5 221252.4 -5840.2	8396 11.3 223125.3 -5843.1	8486 10.8 225224.2 -5822.1	8576 7.8 232354.2 -5847.4
8307 8.7 221257.2 -5858.2	8397 11.5 223137.6 -5829.1	8487 10.3 225225.5 -5826.2	8577 10.8 232410.3 -5806.4
8308 11.3 221313.3 -5848.2	8398 10.0 223142.7 -5835.1	8488 10.3 225315.4 -5848.1	8578 10.8 232415.4 -5823.4
8309 11.5 221329.8 -5851.2	8399 11.3 223152.2 -5841.1	8489 10.8 225317.1 -5816.2	8579 7.5 232415.5 -5854.4
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8319 9.6 221525.9 -5815.9	8409 9.3 223427.0 -5856.2	8499 5.6 225618.9 -5832.2	8589 9.0 232629.0 -5835.4
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8322 11.5 221540.6 -5857.2	8412 9.0 223526.0 -5818.4	8502 11.3 225641.1 -5817.2	8592 10.8 232822.1 -5822.4
8323 11.0 221555.8 -5842.2	8413 9.7 223530.0 -5840.2	8503 10.0 225648.2 -5824.2	8593 7.4 232823.0 -5811.4
8324 9.1 221602.0 -5848.2	8414 11.0 223532.9 -5837.2	8504 9.0 225729.5 -5849.2	8594 9.7 232824.9 -5801.4
8325 9.5 221602.0 -5835.2	8415 9.1 223543.9 -5803.4	8505 11.0 225803.3 -5812.2	8595 10.0 232830.8 -5811.4
8326 9.0 221608.9 -5855.2	8416 9.6 223544.1 -5852.2	8506 8.4 225850.5 -5805.2	8596 10.0 232830.8 -5812.4
8327 5.8 221638.2 -5825.5	8417 10.0 223615.0 -5825.3	8507 9.6 225858.8 -5811.2	8597 8.8 232836.6 -5847.4
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8330 11.3 221647.4 -5835.2	8420 11.0 223701.9 -5855.3	8510 10.3 230011.6 -5818.3	8600 8.7 232957.4 -5800.4
8331 11.0 221713.8 -5810.9	8421 11.3 223703.2 -5833.3	8511 10.0 230012.3 -5839.2	8601 10.5 233006.9 -5823.4
8332 10.8 221722.4 -5825.9	8422 9.8 223718.1 -5835.3	8512 8.5 230018.3 -5858.2	8602 9.5 233024.6 -5846.4
8333 11.0 221738.5 -5854.2	8423 11.0 223741.7 -5835.3	8513 9.3 230103.4 -5847.2	8603 7.3 233026.3 -5851.4
8334 11.3 221742.6 -5856.2	8424 11.3 223800.2 -5833.3	8514 9.3 230129.5 -5844.2	8604 9.8 233029.6 -5804.4
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8339 9.9 221912.2 -5807.0	8429 11.0 223815.0 -5809.4	8519 9.0 230235.3 -5842.2	8609 8.5 233145.1 -5829.4
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8341 10.5 221916.9 -5858.0	8431 9.5 223833.5 -5820.5	8521 10.0 230300.6 -5822.8	8611 9.5 233217.5 -5813.5
8342 8.2 221927.4 -5839.0	8432 11.0 223844.4 -5801.5	8522 9.9 230347.7 -5849.2	8612 9.5 233243.5 -5839.4
8343 11.0 221938.9 -5828.0	8433 11.0 223914.5 -5827.3	8523 10.3 230353.2 -5811.3	8613 10.8 233256.4 -5812.5
8344 10.8 221950.4 -5813.0	8434 11.3 223924.8 -5836.3	8524 10.0 230427.7 -5841.2	8614 9.5 233326.5 -5831.4

-58 8615 23h33m

-59 290 1h28m

8615	10.0	233330.7	-5821.4	21	9.3	00737.3	-5944.4	111	9.6	03047.7	-5900.4
8616	10.0	233504.5	-5845.4	22	9.3	00740.5	-5934.4	112	9.9	03057.1	-5931.4
8617	9.7	233541.8	-5812.5	23	9.9	00848.7	-5939.4	113	10.5	03057.8	-5926.4
8618	7.7	233545.4	-5810.5	24	10.8	00855.8	-5932.4	114	10.3	03120.4	-5914.4
8619	8.0	233547.5	-5838.4	25	10.5	00859.0	-5942.4	115	10.5	03131.5	-5924.4
8620	10.0	233632.7	-5841.4	26	10.3	00903.5	-5954.4	116	9.5	03139.7	-5935.4
8621	11.0	233634.1	-5811.5	27	9.4	00904.0	-5933.4	117	10.3	03145.0	-5904.4
8622	11.0	233637.1	-5821.5	28	10.5	00945.4	-5917.4	118	11.0	03148.0	-5934.4
8623	9.9	233751.5	-5800.5	29	10.3	00953.0	-5918.8	119	10.8	03216.5	-5904.4
8624	11.0	233805.6	-5805.5	30	8.3	00955.1	-5928.4	120	10.5	03221.9	-5935.4
8625	9.5	233846.5	-5850.4	31	10.8	01012.1	-5949.4	121	10.5	03227.8	-5946.4
8626	7.4	233849.7	-5858.4	32	9.5	01035.0	-5944.4	122	11.0	03234.4	-5953.4
8627	11.0	233903.1	-5807.5	33	9.8	01104.9	-5940.4	123	10.3	03424.7	-5916.4
8628	9.5	233914.0	-5816.5	34	10.8	01121.8	-5926.4	124	11.3	03430.5	-5908.3
8629	9.8	233922.0	-5817.5	35	10.3	01141.9	-5922.4	125	8.3	03505.6	-5909.3
8630	10.3	234144.6	-5821.5	36	10.8	01220.9	-5937.4	126	9.6	03507.6	-5903.3
8631	9.6	234156.5	-5850.4	37	10.3	01225.4	-5914.8	127	10.8	03545.0	-5941.4
8632	10.8	234230.2	-5817.5	38	9.1	01251.6	-5949.4	128	10.5	03550.4	-5951.4
8633	9.5	234232.0	-5852.4	39	10.5	01302.5	-5953.4	129	9.1	03554.8	-5958.4
8634	9.9	234239.2	-5852.4	40	10.8	01309.1	-5939.4	130	11.0	03629.3	-5902.3
8635	9.8	234242.2	-5817.5	41	9.8	01322.4	-5913.8	131	10.0	03645.3	-5955.9
8636	9.1	234244.6	-5850.4	42	11.0	01334.2	-5957.4	132	10.0	03654.0	-5929.9
8637	9.0	234313.6	-5846.4	43	10.3	01340.5	-5901.8	133	8.4	03656.8	-5919.1
8638	10.5	234316.9	-5800.5	44	10.3	01349.8	-5940.4	134	11.0	03657.2	-5917.3
8639	10.8	234316.9	-5811.5	45	10.8	01435.1	-5937.4	135	10.3	03725.7	-5924.9
8640	10.8	234351.0	-5806.6	46	9.8	01438.7	-5943.4	136	10.8	03756.9	-5909.3
8641	10.5	234352.1	-5821.6	47	9.0	01459.9	-5927.4	137	10.3	03800.4	-5939.9
8642	10.5	234358.2	-5811.6	48	11.0	01511.9	-5940.4	138	10.5	03840.6	-5937.9
8643	10.0	234403.2	-5831.4	49	11.0	01515.7	-5917.4	139	11.3	03903.8	-5906.3
8644	9.4	234443.5	-5845.4	50	9.3	01529.2	-5927.4	140	11.5	03934.1	-5920.3
8645	9.7	234459.5	-5819.6	51	9.8	01553.2	-5911.8	141	11.0	03940.1	-5911.3
8646	9.7	234518.7	-5806.6	52	9.1	01628.9	-5942.4	142	9.8	03957.1	-5926.9
8647	9.9	234540.2	-5851.4	53	8.3	01629.3	-5900.8	143	10.5	04055.2	-5908.3
8648	10.5	234607.9	-5813.6	54	11.0	01633.7	-5950.4	144	9.7	04135.4	-5902.3
8649	9.4	234632.4	-5857.8	55	11.0	01720.6	-5933.4	145	9.1	04147.8	-5928.9
8650	10.0	234714.1	-5852.8	56	10.5	01727.4	-5928.4	146	9.5	04259.0	-5943.9
8651	9.9	234719.2	-5816.6	57	11.0	01748.7	-5948.4	147	9.4	04308.2	-5926.9
8652	10.0	234738.1	-5837.8	58	10.5	01807.2	-5929.4	148	8.9	04309.6	-5933.9
8653	9.9	234756.0	-5833.8	59	9.0	01808.7	-5931.4	149	9.7	04326.5	-5956.9
8654	9.5	234843.4	-5815.6	60	10.3	01813.6	-5917.4	150	10.3	04420.9	-5950.9
8655	9.3	234846.8	-5808.6	61	10.0	01827.2	-5916.8	151	10.0	04425.1	-5921.9
8656	10.0	234854.4	-5849.8	62	10.0	01839.9	-5937.4	152	9.8	04439.0	-5959.9
8657	9.8	234934.6	-5843.8	63	10.8	01846.4	-5934.4	153	11.5	04513.0	-5904.2
8658	9.1	234937.7	-5825.2	64	9.5	01852.1	-5947.4	154	9.1	04525.5	-5944.9
8659	8.8	235009.6	-5821.2	65	9.9	01856.0	-5920.4	155	10.8	04538.0	-5903.2
8660	9.2	235013.1	-5831.8	66	10.5	01903.0	-5946.4	156	10.0	04538.9	-5939.9
8661	7.5	235032.6	-5848.8	67	9.7	01930.8	-5907.5	157	10.8	04539.2	-5908.2
8662	11.0	235041.1	-5801.6	68	10.5	01937.0	-5903.1	158	9.1	04555.2	-5921.9
8663	10.5	235106.2	-5801.6	69	10.3	02016.2	-5913.5	159	9.7	04556.0	-5951.9
8664	10.5	235108.7	-5806.6	70	8.7	02018.2	-5929.4	160	9.4	04606.8	-5903.2
8665	9.0	235147.0	-5841.8	71	9.6	02039.5	-5938.4	161	8.7	04648.0	-5940.9
8666	8.4	235227.2	-5827.8	72	10.3	02058.8	-5926.4	162	10.5	04657.6	-5949.9
8667	10.0	235234.9	-5821.6	73	9.0	02101.5	-5936.4	163	10.8	04744.1	-5923.9
8668	11.3	235316.3	-5802.6	74	8.8	02121.2	-5953.4	164	10.3	04744.8	-5921.0
8669	9.5	235329.5	-5842.8	75	9.1	02133.5	-5939.4	165	10.0	04754.0	-5909.2
8670	11.0	235341.8	-5808.6	76	9.3	02245.8	-5952.4	166	10.0	04809.2	-5932.9
8671	9.5	235345.5	-5846.8	77	10.5	02245.8	-5933.4	167	11.0	04828.6	-5959.9
8672	9.6	235433.4	-5837.8	78	11.0	02302.3	-5946.4	168	9.7	04850.9	-5944.9
8673	10.8	235435.9	-5822.8	79	10.3	02313.5	-5927.4	169	9.8	05000.8	-5922.9
8674	9.5	235510.8	-5856.8	80	10.8	02325.6	-5931.4	170	10.8	05012.1	-5933.9
8675	9.5	235607.1	-5821.8	81	10.5	02343.8	-5938.4	171	11.0	05034.2	-5952.9
8676	8.2	235619.1	-5819.8	82	10.5	02412.9	-5918.4	172	10.5	05039.6	-5914.5
8677	9.7	235656.1	-5853.8	83	10.5	02430.7	-5945.4	173	11.0	05056.8	-5946.9
8678	8.5	235727.9	-5831.8	84	10.3	02432.1	-5938.4	174	10.0	05104.1	-5909.1
8679	10.8	235744.5	-5811.7	85	9.7	02434.8	-5905.5	175	10.0	05136.7	-5908.1
8680	9.7	235754.9	-5856.8	86	10.5	02435.7	-5946.4	176	9.6	05202.3	-5923.9
8681	10.0	235759.9	-5801.7	87	9.7	02441.6	-5942.4	177	10.8	05207.2	-5934.9
8682	8.6	235917.6	-5858.8	88	10.5	02505.2	-5940.4	178	9.5	05229.6	-5921.9
8683	9.8	235920.1	-5825.8	89	10.5	02508.8	-5900.5	179	10.8	05233.2	-5914.1
8684	10.0	235951.8	-5851.8	90	10.5	02520.8	-5900.5	180	10.5	05234.1	-5915.1
1	11.0	00007.9	-5949.4	91	10.0	02536.8	-5951.4	181	10.8	05242.7	-5926.9
2	10.3	00037.6	-5910.8	92	10.8	02603.4	-5951.4	182	9.8	05316.4	-5917.0
3	10.5	00056.1	-5908.8	93	10.5	02606.4	-5909.4	183	10.5	05320.1	-5927.9
4	10.0	00100.1	-5905.8	94	10.8	02637.8	-5947.4	184	7.6	05400.9	-5905.1
5	8.4	00153.6	-5945.4	95	10.8	02652.6	-5948.4	185	10.5	05632.2	-5936.9
6	10.5	00203.1	-5952.4	96	10.3	02726.1	-5948.4	186	10.5	05645.3	-5944.9
7	10.3	00216.7	-5956.4	97	8.5	02736.5	-5929.4	187	9.9	05659.9	-5946.9
8	9.0	00247.3	-5958.4	98	10.8	02751.6	-5913.4	188	11.0	05702.7	-5925.9
9	8.9	00302.0	-5945.4	99	10.3	02800.7	-5943.4	189	9.4	05709.3	-5952.9
10	10.8	00401.0	-5937.4	100	10.5	02826.0	-5950.4	190	8.2	05726.9	-5951.9
11	10.3	00427.5	-5935.4	101	10.3	02836.0	-5952.4	191	9.8	05752.3	-5901.0
12	9.1	00431.4	-5952.4	102	9.1	02901.4	-5934.4	192	11.0	05801.7	-5924.9
13	9.5	00445.2	-5923.4	103	10.8	02920.7	-5927.4	193	10.0	05840.8	-5907.0
14	8.9	00515.4	-5936.4	104	10.0	02928.5	-5940.4	194	10.0	05844.7	-5910.0
15	10.3	00549.4	-5907.8	105	10.5	02940.9	-5955.4	195	8.4	05922.1	-5906.0
16	8.0	00550.9	-5913.4	106	11.0	03000.3	-5921.4	196	11.0	05948.6	-5947.9
17	10.5	00557.9	-5921.4	107	10.8	03001.7	-5916.4	197	11.5	10003.7	-5917.9
18	9.6	00706.5	-5952.4	108	11.0	03002.9	-5903.4	198	10.0	10039.8	-5900.0
19	9.4	00724.3	-5927.4	109	10.8	03005.0	-5951.4	199	9.1	10058.8	-5908.0
20	9.4	00725.0	-5917.0	110	10.0	03009.5	-5919.4	200	10.8	10119.7	-5925.9
201	11.0	10138.2	-5931.9								
202	11.0	10144.6	-5926.9								
203	9.8	10150.6	-5900.0								
204	11.0	10212.9	-5903.0								
205	8.8	10242.6	-5943.5								
206	11.3	10245.6	-5936.5								
207	11.0	10305.6	-5933.5								
208	10.0	10320.3	-5902.0								
209	10.0	10331.7	-5931.5								
210	10.8	10338.2	-5914.0								
211	9.4	10349.0	-5900.0								
212	11.3	10355.2	-5926.5								
213	10.8	10359.2	-5934.5								
214	10.5	10431.3	-5937.5								
215	10.3	10438.1	-5930.5								
216	10.5	10447.8	-5906.0								
217	9.0	10454.6	-5928.5								
218	11.3	10457.5	-5938.5								
219	11.0	10547.7	-5959.5								
220	11.0	10552.3	-5934.5								
221	10.3	10600.0	-5916.3								
222	8.7	10618.9	-5952.5								
223	10.8	10732.2	-5918.9								
224	10.5	10734.9	-5941.5								
225	11.3	10754.4	-5935.5								
226	9.7	10757.3	-5955.5								
227	11.0	10757.3	-5908.9								
228	11.0	10816.0	-5908.9								
229	11.5	10840.7	-5928.5								
230	11.0	10915.8	-5935.5								
231	9.2	10924.0	-5911.9								
232	9.9	10931.5	-5926.5								
233	11.0	11042.9	-5932.6								
234	10.8	11049.0	-5908.9								
235	11.0	11112.0	-5941.6								
236	11.0	11130.5	-5928.6								
237	11.8	11155.7	-5908.9								
238	10.8	11220.1	-5930.6								
239	11.0	11223.4	-5925.6								
240	9.7	11237.6	-5951.6								
241	10.8	11315.2	-5935.6								
242	10.5	11318.1	-5948.6								
243	10.5	11331.2	-5927.6								
244	10.8	11339.9	-5920.4								
245	10.5	11428.0	-5943.4								
246	9.6	11511.3	-5903.8								
247	11.3	11515.3	-5954.4								
248	11.0	11516.4	-5944.4								
249	11.0	11535.7	-5938.4								
250	10.5	11611.3	-5907.8								
251	11.3	11620.7	-5904.8								
252	11.0	11621.1	-5945.4								
253	11.0	11637.1	-5951.4								
254	7.5	11722.7	-5947.4								
255	9.9	11723.2	-5921.1								
256	10.8	11743.1	-5922.4								
257	9.8	11744.5	-5915.8								
258	9.8	11748.1	-5915.1								
259	10.8	11755.2	-5935.4								
260	10.3	11921.3	-5947.3								
261	10.5	11924.8	-5946.3								
262	11.0	12036.0	-5933.3								
263	9.0	12101.0	-5959.3								
264	11.0	12109.6	-5912.8								
265	10.0	12113.8	-5955.3								
266	10.5	12148.8	-5945.3								
267	9.4	12158.4	-5948.3								
268	11.0	12255.4	-5947.3								
269	9.0	12256.5	-5955.3								
270	10.5	12259.0	-5919.7								
271	11.0	12302.8	-5900.7								
272	10.8	12309.5	-5930.3								
273	11.3	12310.9	-5940.3								
274	11.3	12315.9	-5936.3								
275	11.0	12334.1	-5901.7								
276	9.8	12346.1	-5938.3								
277	10.0	12422.4	-5947.3								
278	10.8	12425.8	-5940.3								
279	10.8	12505.3	-5914.7								
280	10.5	12515.7	-5952.2								
281	10.5	12519.9	-5915.7								
282	11.5	12522.4	-5937.2								
283	11.0	12612.6	-5900.7								
284	11.0	12628.1	-5925.2								
285	9.9	12632.2	-5920.2								
286	8.6	12638.7	-5922.0								
287	9.4	12646.8	-5946.2								
288	8.9	12734.3	-5901.6								
289	10.5	12757.1	-5911.6								
290	10.3	12807.9	-5906.6								

-59 291 1h28m

-59 650 3h25m

291	10.0	12828.3	-5947.2	381	8.5	15340.7	-5957.3	471	9.2	22254.5	-5939.1	561	11.0	25729.0	-5958.0
292	9.7	12900.0	-5910.3	382	11.3	15346.9	-5918.3	472	11.0	22256.1	-5954.1	562	9.2	25734.4	-5914.1
293	8.5	12928.9	-5957.1	383	9.1	15354.8	-5925.3	473	11.0	22302.5	-5956.1	563	10.5	25755.3	-5942.0
294	10.3	12944.7	-5922.1	384	10.5	15401.8	-5937.3	474	8.7	22309.4	-5902.8	564	10.0	25816.9	-5955.0
295	11.0	13004.0	-5928.1	385	9.6	15512.0	-5931.3	475	11.0	22357.7	-5947.0	565	10.3	25818.6	-5940.0
296	10.8	13036.8	-5911.3	386	10.0	15603.2	-5947.3	476	10.8	22405.2	-5933.0	566	10.5	25842.9	-5926.9
297	10.8	13043.9	-5901.3	387	10.8	15620.9	-5908.1	477	10.8	22417.9	-5923.0	567	11.8	25843.9	-5906.2
298	10.3	13054.1	-5929.1	388	10.8	15641.5	-5941.3	478	9.3	22427.4	-5946.0	568	11.5	25901.8	-5902.2
299	10.8	13058.7	-5951.1	389	9.3	15659.9	-5903.1	479	10.0	22530.2	-5921.0	569	9.7	25914.4	-5922.9
300	8.2	13141.8	-5934.1	390	11.0	15722.1	-5949.3	480	10.0	22532.0	-5903.1	570	11.5	25919.8	-5901.2
301	9.4	13158.2	-5914.7	391	10.5	15830.9	-5903.1	481	9.8	22550.3	-5923.0	571	7.7	30023.7	-5924.9
302	10.3	13308.8	-5938.1	392	10.3	15914.0	-5938.3	482	9.9	22618.9	-5933.0	572	9.0	30027.2	-5943.9
303	11.5	13316.2	-5945.1	393	10.8	15939.0	-5946.3	483	9.7	22634.0	-5953.0	573	10.3	30205.0	-5908.1
304	9.2	13327.6	-5922.7	394	8.4	15944.3	-5959.3	484	8.8	22641.4	-5940.9	574	10.0	30209.7	-5952.8
305	8.1	13424.5	-5913.3	395	10.8	15945.6	-5900.0	485	10.0	22656.3	-5941.9	575	11.0	30229.8	-5909.1
306	10.8	13439.2	-5925.0	396	10.0	15947.8	-5925.3	486	8.5	22751.1	-5941.9	576	11.0	30315.0	-5909.0
307	10.0	13450.1	-5901.3	397	10.8	20102.7	-5948.4	487	7.7	22803.8	-5925.9	577	9.6	30412.3	-5925.8
308	9.6	13514.8	-5954.0	398	9.9	20120.8	-5928.4	488	8.2	22826.8	-5940.4	578	10.0	30437.3	-5948.8
309	10.5	13516.5	-5929.0	399	9.7	20124.0	-5945.6	489	9.8	22904.6	-5954.9	579	8.6	30445.3	-5915.9
310	9.2	13519.8	-5956.0	400	8.3	20124.4	-5945.9	490	10.8	22935.2	-5954.9	580	8.9	30529.5	-5950.8
311	10.8	13524.3	-5942.0	401	10.3	20155.4	-5947.4	491	8.6	23012.2	-5913.9	581	11.3	30551.2	-5914.0
312	10.0	13532.9	-5926.0	402	10.8	20215.5	-5919.4	492	10.5	23106.3	-5939.8	582	9.7	30623.6	-5956.7
313	9.3	13540.8	-5950.0	403	9.9	20224.8	-5948.4	493	9.8	23107.7	-5924.8	583	10.0	30631.9	-5930.7
314	11.0	13548.9	-5945.0	404	10.8	20228.9	-5905.0	494	9.7	23122.7	-5954.8	584	8.5	30632.9	-5913.6
315	8.5	13603.3	-5917.2	405	10.0	20302.6	-5943.4	495	9.3	23235.9	-5934.8	585	9.8	30646.7	-5913.5
316	11.5	13607.7	-5928.0	406	10.3	20317.1	-5914.7	496	9.6	23241.2	-5917.8	586	10.0	30701.9	-5906.9
317	9.3	13622.6	-5936.0	407	10.8	20324.6	-5923.4	497	9.1	23316.1	-5956.8	587	8.1	30711.4	-5941.7
318	8.5	13711.2	-5914.3	408	11.0	20326.8	-5918.4	498	10.5	23426.0	-5940.7	588	10.0	30716.7	-5935.7
319	11.5	13711.8	-5945.0	409	10.0	20337.0	-5930.4	499	10.0	23431.7	-5911.9	589	10.0	30720.0	-5958.7
320	10.3	13733.5	-5918.0	410	11.0	20454.8	-5943.5	500	10.0	23432.5	-5907.8	590	9.0	30727.6	-5917.9
321	10.0	13745.0	-5952.0	411	10.3	20506.1	-5926.5	501	8.5	23451.2	-5932.7	591	10.5	30813.7	-5903.0
322	8.2	13808.7	-5903.3	412	10.3	20514.2	-5950.5	502	9.0	23549.4	-5955.7	592	10.0	30823.1	-5947.6
323	10.8	13813.8	-5910.3	413	10.3	20527.0	-5931.5	503	10.0	23625.6	-5909.8	593	11.0	30827.2	-5919.0
324	8.9	13828.2	-5945.0	414	10.8	20533.3	-5935.5	504	10.0	23625.1	-5902.8	594	9.6	30853.3	-5947.9
325	11.0	13838.1	-5954.0	415	10.8	20542.2	-5903.0	505	10.0	23657.6	-5904.8	595	10.5	30903.0	-5917.9
326	11.3	13850.2	-5935.0	416	10.5	20548.8	-5927.5	506	11.0	23711.0	-5939.7	596	10.8	30921.2	-5902.9
327	11.5	13914.6	-5930.0	417	10.5	20551.0	-5954.5	507	9.6	23724.0	-5909.8	597	9.7	30932.7	-5909.9
328	11.0	13918.0	-5920.1	418	11.0	20601.8	-5924.5	508	10.0	23757.9	-5910.8	598	9.8	30939.3	-5929.6
329	11.3	13923.8	-5927.9	419	10.8	20609.8	-5904.1	509	10.8	23834.7	-5921.6	599	9.3	30943.1	-5922.8
330	8.3	14017.2	-5923.9	420	11.0	20613.4	-5910.0	510	10.8	23845.8	-5930.6	600	9.2	30959.8	-5952.6
331	9.0	14037.0	-5952.9	421	10.8	20648.1	-5940.5	511	10.8	23851.9	-5950.6	601	11.0	31024.0	-5913.9
332	10.3	14040.3	-5900.2	422	10.5	20712.2	-5912.0	512	10.0	23857.5	-5912.7	602	11.3	31039.5	-5913.9
333	11.3	14048.4	-5933.9	423	7.6	20715.8	-5944.5	513	10.0	23917.1	-5900.7	603	10.0	31057.9	-5939.6
334	9.3	14104.0	-5935.9	424	10.3	20732.3	-5959.5	514	10.0	23928.2	-5900.7	604	8.0	31105.9	-5934.6
335	10.5	14113.2	-5904.2	425	9.4	20751.8	-5919.8	515	10.5	24020.6	-5958.6	605	11.0	31110.0	-5917.6
336	10.0	14205.6	-5929.9	426	11.0	20846.8	-5956.5	516	10.0	24020.8	-5904.7	606	10.0	31131.8	-5954.6
337	10.3	14210.1	-5924.9	427	10.8	20852.7	-5924.5	517	10.5	24054.2	-5930.5	607	10.0	31138.8	-5946.6
338	10.5	14241.4	-5900.2	428	11.0	20854.3	-5919.5	518	10.5	24124.2	-5914.5	608	7.1	31202.2	-5958.5
339	11.3	14251.4	-5938.8	429	8.6	20859.6	-5952.5	519	10.0	24128.5	-5909.7	609	9.7	31210.8	-5939.5
340	10.3	14255.0	-5915.8	430	10.8	20908.7	-5903.0	520	9.3	24128.5	-5910.7	610	11.0	31217.1	-5918.9
341	11.0	14310.2	-5908.2	431	9.5	20912.7	-5904.0	521	9.4	24144.3	-5927.5	611	10.0	31239.6	-5952.5
342	9.7	14312.5	-5912.2	432	11.0	20915.4	-5946.4	522	9.2	24207.3	-5925.5	612	10.8	31248.8	-5907.8
343	11.0	14319.4	-5941.8	433	11.0	20944.6	-5953.4	523	10.3	24208.8	-5916.0	613	10.0	31303.2	-5942.5
344	9.8	14328.7	-5943.8	434	10.8	20952.2	-5948.4	524	9.7	24216.8	-5942.5	614	9.3	31312.8	-5928.5
345	10.5	14330.6	-5919.0	435	9.3	21052.9	-5913.1	525	8.7	24236.5	-5955.5	615	9.4	31346.2	-5952.8
346	10.8	14330.8	-5944.8	436	9.6	21155.6	-5945.3	526	11.0	24317.6	-5924.5	616	10.8	31359.4	-5917.7
347	10.0	14333.9	-5946.8	437	10.5	21209.6	-5942.3	527	10.3	24347.5	-5925.4	617	9.9	31432.3	-5956.5
348	9.9	14401.8	-5959.8	438	10.8	21234.2	-5955.3	528	9.3	24426.7	-5934.4	618	10.5	31455.4	-5932.6
349	9.0	14459.5	-5959.8	439	10.8	21241.3	-5956.3	529	10.8	24509.5	-5945.4	619	10.0	31558.7	-5927.4
350	10.0	14501.2	-5906.2	440	10.5	21308.6	-5910.9	530	11.0	24509.5	-5944.4	620	10.0	31559.9	-5937.4
351	10.3	14506.5	-5911.2	441	10.5	21331.9	-5946.3	531	8.8	24513.0	-5910.5	621	10.5	31605.1	-5914.4
352	9.8	14511.6	-5920.0	442	10.5	21333.2	-5924.3	532	8.9	24540.6	-5919.4	622	10.0	31628.0	-5951.4
353	9.8	14514.5	-5910.2	443	10.8	21423.4	-5933.2	533	9.4	24710.5	-5914.4	623	10.0	31706.7	-5942.4
354	9.8	14523.5	-5911.2	444	10.5	21428.0	-5911.9	534	10.0	24815.8	-5957.3	624	10.3	31709.6	-5903.7
355	7.5	14558.4	-5933.8	445	9.1	21445.7	-5925.2	535	10.0	24831.9	-5952.3	625	10.0	31736.0	-5945.4
356	9.5	14616.0	-5959.8	446	9.0	21510.6	-5948.2	536	9.8	24837.9	-5900.5	626	10.5	31744.2	-5908.6
357	9.7	14618.7	-5958.8	447	10.3	21520.8	-5906.9	537	9.6	24846.7	-5946.3	627	10.0	31811.6	-5955.3
358	9.2	14714.8	-5932.8	448	10.5	21535.3	-5940.2	538	10.0	24859.8	-5933.3	628	10.0	31838.8	-5950.3
359	10.5	14742.0	-5951.8	449	9.7	21549.6	-5935.2	539	9.1	24910.2	-5923.3	629	10.8	31856.1	-5917.5
360	8.1	14742.8	-5930.8	450	8.7	21552.7	-5955.2	540	9.5	24916.8	-5900.4	630	7.6	31919.9	-5908.6
361	10.8	14810.5	-5940.8	451	10.8	21618.9	-5945.2	541	9.7	24919.7	-5906.4	631	9.9	31955.3	-5948.3
362	10.8	14821.3	-5923.8	452	9.6	21637.7	-5949.2	542	10.0	24951.5	-5915.2	632	8.1	32003.6	-5924.3
363	10.3	14842.5	-5929.8	453	8.4	21647.7	-5903.9	543	10.5	25041.2	-5916.8	633	9.9	32009.6	-5938.3
364	10.5	14854.2	-5956.0	454	10.0	21647.7	-5911.9	544	10.5	25049.6	-5917.8	634	8.1	32012.0	-5922.5
365	10.5	15015.2	-5907.1	455	10.8	21727.5	-5946.2	545	11.5	25108.9	-5904.4	635	10.0	32015.8	-5959.3
366	11.0	15016.4	-5950.3	456	10.8	21735.3	-5949.2	546	11.0	25113.2	-5903.4	636	8.1	32032.8	-5917.5
367	11.0	15039.1	-5923.3	457	10.5	21758.7	-5920.2	547	9.6	25215.9	-5939.2	637	7.7	32049.2	-5926.3
368	10.3	15049.9	-5938.3	458	10.5	21820.0	-5929.2	548	10.0	25258.4	-5915.2	638	10.0	32055.7	-5940.2
369	10.3	15104.3	-5956.3	459	10.5	21827.0	-5930.2	549	9.8	25307.7	-5918.4	639	10.0	32108.6	-5948.4
370	9.3	15106.1	-5953.3	460	9.9	21832.1	-5950.2	550	8.7	25321.2	-5919.3	640	10.0	32158.5	-5925.2
371	10.0	15107.8	-5900.1	461	9.0	21841.2	-5944.2	551	11.5	25344.0	-5910.3	641	10.5	32200.7	-5920.4
372	10.3	15136.6	-5944.3	462	10.3	21945.9	-5924.1	552	10.0	25346.9	-5907.2	642	10.0	32228.5	-5948.2
373	10.5	15152.6	-5919.2	463	10.0	21947.9	-5930.1	553	10.0	25355.4	-5941.1	643	10.0	32236.8	-5945.2
374	10.5	15209.0	-5957.3	464	10.0	21956.0	-5927.1	554	9.6	25409.2	-5922.1	644	10.0	32303.7	-5922.2
375	10.0	15219.2	-5905.1	465	10.0	22011.3	-5937.1	555	8.5	25426.7	-5924.1	645	8.5	32327.0	-5943.2
376	7.5	15224.5	-5905.1	466	9.3	22014.2	-5905.8	556	10.0	25440.8	-5921.1	646	8.5	32339.0	-5944.2
377	9.6	15244.7	-5910.1	467	9.6	22119.5	-5943.1	557	11.0	25447.7	-5900.3	647	9.9	32357.2	-5927.2
378	10.3	15255.6	-5936.3	468	11.0	22149.2	-5951.1	558	10.0	25511.3	-5924.1	648	10.0	32423.7	-5946.1
379	9.9	15314.1	-5939.3	469	9.7	22203.3	-5945.1	559	10.0	25606.4	-5937.0	649	11.5	32454.0	-5915.4
380	10.8	15327.9	-5914.1	470	10.8	22214.0	-5902.8	560	10.0	25620.4	-5957.0	650	9.9	32511.7	-5900.2

651	10.0	32600.3	-5954.1	741	10.0	35247.9	-5919.4	831	9.9	41907.0	-5953.5	921	11.0	44720.0	-5933.2
652	10.0	32702.0	-5947.1	742	10.0	35256.1	-5935.4	832	9.5	41939.0	-5959.3	922	11.5	44732.3	-5935.2
653	10.0	32712.1	-5955.1	743	10.0	35411.1	-5928.3	833	9.5	41945.5	-5916.8	923	11.3	44735.7	-5941.2
654	10.8	32738.1	-5910.3	744	10.0	35420.0	-5942.3	834	10.0	41958.5	-5940.5	924	11.0	44740.8	-5915.2
655	9.7	32742.4	-5908.2	745	10.0	35424.8	-5925.3	835	10.0	42022.8	-5927.8	925	9.9	44757.6	-5952.0
656	8.0	32746.4	-5900.3	746	10.0	35435.1	-5920.3	836	11.0	42033.8	-5912.8	926	8.2	44806.4	-5900.8
657	10.0	32833.1	-5950.0	747	10.0	35501.5	-5921.3	837	10.0	42052.5	-5945.8	927	11.0	44807.5	-5915.2
658	10.0	32951.7	-5957.0	748	11.5	35512.8	-5910.4	838	10.0	42055.1	-5933.8	928	10.8	44821.4	-5955.2
659	11.0	32956.3	-5911.2	749	10.0	35538.0	-5950.3	839	10.0	42118.0	-5943.8	929	9.5	44905.6	-5912.7
660	10.0	33003.4	-5935.0	750	10.0	35546.7	-5915.3	840	10.0	42157.1	-5950.8	930	8.5	44942.3	-5912.7
661	8.1	33020.4	-5904.0	751	9.9	35607.9	-5912.2	841	9.9	42159.7	-5925.0	931	11.3	44943.8	-5946.2
662	9.3	33038.9	-5931.0	752	9.5	35715.2	-5901.6	842	10.0	42220.9	-5921.7	932	11.0	44946.8	-5916.2
663	9.9	33114.7	-5922.0	753	10.0	35716.0	-5951.2	843	9.4	42252.1	-5944.9	933	9.9	45006.6	-5915.9
664	10.0	33143.4	-5949.0	754	10.0	35732.6	-5943.2	844	9.5	42253.1	-5903.7	934	11.3	45007.4	-5953.0
665	11.5	33148.8	-5915.2	755	10.8	35753.1	-5904.3	845	10.0	42306.3	-5948.7	935	9.8	45014.6	-5915.7
666	10.5	33153.0	-5900.2	756	9.5	35809.2	-5939.2	846	9.8	42339.9	-5958.9	936	11.0	45020.1	-5933.2
667	9.6	33232.9	-5942.9	757	7.2	35819.5	-5900.6	847	10.0	42344.3	-5948.7	937	9.7	45029.8	-5920.7
668	11.8	33243.6	-5909.1	758	9.3	35820.2	-5923.2	848	9.8	42359.1	-5952.7	938	10.3	45102.6	-5906.0
669	9.5	33257.1	-5940.9	759	9.4	35829.1	-5917.7	849	10.0	42401.0	-5934.7	939	9.5	45105.9	-5958.0
670	9.8	33312.4	-5935.9	760	10.5	35833.0	-5959.4	850	9.1	42434.1	-5903.6	940	11.5	45106.9	-5936.2
671	9.9	33342.2	-5936.9	761	10.5	35916.3	-5911.8	851	10.0	42447.0	-5933.7	941	11.0	45120.3	-5928.2
672	10.0	33349.1	-5951.9	762	10.0	40015.1	-5929.1	852	9.3	42529.3	-5938.7	942	10.5	45121.9	-5958.0
673	11.0	33350.3	-5903.1	763	10.0	40016.7	-5930.1	853	10.3	42619.2	-5908.6	943	10.0	45247.8	-5922.2
674	9.7	33351.2	-5921.9	764	9.7	40022.3	-5950.1	854	9.5	42636.9	-5959.5	944	9.8	45254.2	-5930.2
675	11.3	33508.8	-5905.1	765	10.5	40031.2	-5918.8	855	9.6	42647.6	-5906.3	945	9.4	45256.1	-5902.5
676	9.9	33600.0	-5927.8	766	8.5	40037.5	-5953.0	856	10.0	42704.8	-5917.7	946	8.6	45311.7	-5918.7
677	9.5	33635.3	-5911.0	767	8.0	40038.4	-5955.2	857	10.0	42728.9	-5947.6	947	9.3	45413.4	-5916.4
678	10.0	33651.8	-5934.8	768	10.0	40041.2	-5913.7	858	10.0	42739.3	-5939.6	948	9.1	45424.2	-5917.3
679	10.0	33707.5	-5941.8	769	10.0	40122.7	-5956.1	859	9.4	42749.2	-5911.5	949	9.7	45430.4	-5915.4
680	10.0	33736.5	-5955.8	770	10.0	40123.7	-5929.1	860	9.7	42803.1	-5948.8	950	9.6	45442.1	-5903.6
681	10.0	33742.1	-5941.8	771	10.5	40130.2	-5912.7	861	9.3	42850.2	-5910.5	951	9.6	45450.1	-5907.8
682	11.5	33751.4	-5916.0	772	8.4	40152.2	-5917.7	862	10.0	42859.1	-5948.8	952	10.8	45453.7	-5946.2
683	9.6	33756.4	-5904.0	773	9.5	40158.8	-5951.4	863	9.1	42916.3	-5928.6	953	10.0	45518.7	-5909.7
684	9.9	33815.5	-5959.3	774	10.0	40223.1	-5953.1	864	10.0	42919.2	-5937.6	954	10.0	45519.6	-5937.3
685	10.0	33817.5	-5947.8	775	10.0	40235.2	-5922.1	865	10.5	42930.0	-5940.8	955	10.5	45525.6	-5909.7
686	9.8	33828.6	-5917.9	776	10.0	40240.3	-5943.1	866	10.3	42939.3	-5902.0	956	10.5	45537.2	-5942.2
687	9.6	33858.0	-5923.8	777	10.0	40244.8	-5940.1	867	9.6	42941.4	-5926.6	957	10.0	45552.2	-5925.1
688	10.0	33858.2	-5919.6	778	10.0	40246.4	-5921.1	868	10.5	43025.6	-5907.2	958	10.5	45554.6	-5939.2
689	10.0	33909.3	-5930.8	779	10.0	40343.0	-5959.0	869	11.0	43046.2	-5943.6	959	10.0	45619.5	-5942.4
690	10.0	33945.9	-5933.7	780	10.0	40359.8	-5926.0	870	9.6	43103.8	-5923.3	960	8.0	45638.5	-5919.0
691	9.0	34056.9	-5924.7	781	10.0	40501.1	-5954.0	871	11.3	43119.2	-5954.6	961	10.5	45642.2	-5905.7
692	11.5	34058.0	-5913.9	782	10.0	40509.1	-5904.5	872	11.8	43131.1	-5937.6	962	10.5	45645.0	-5922.1
693	9.7	34142.2	-5925.9	783	10.0	40512.1	-5905.6	873	8.0	43241.3	-5924.5	963	10.5	45645.0	-5925.1
694	10.0	34147.5	-5949.7	784	10.0	40513.4	-5953.0	874	10.5	43302.1	-5953.5	964	10.5	45705.9	-5952.1
695	10.0	34150.6	-5950.7	785	9.8	40514.1	-5909.7	875	9.7	43302.8	-5925.5	965	9.6	45720.6	-5941.9
696	9.4	34204.8	-5935.7	786	10.0	40516.2	-5924.0	876	11.5	43323.0	-5913.3	966	10.0	45800.6	-5927.1
697	11.8	34211.9	-5907.9	787	9.9	40611.0	-5955.9	877	10.3	43323.3	-5922.5	967	11.0	45834.4	-5902.7
698	10.0	34232.5	-5929.7	788	9.6	40624.8	-5950.9	878	11.0	43342.5	-5933.5	968	10.3	45845.1	-5946.1
699	10.0	34236.1	-5928.7	789	9.9	40708.2	-5917.1	879	11.0	43349.5	-5930.5	969	10.8	45848.8	-5905.7
700	9.3	34255.7	-5938.7	790	9.8	40726.6	-5908.3	880	10.5	43410.3	-5901.3	970	10.5	45900.0	-5906.7
701	11.8	34317.2	-5900.8	791	10.0	40759.7	-5930.9	881	10.0	43415.6	-5942.6	971	10.8	45904.5	-5913.9
702	9.9	34337.2	-5929.7	792	10.0	40813.5	-5933.9	882	9.9	43431.6	-5940.5	972	10.8	45904.6	-5908.7
703	9.5	34417.8	-5904.8	793	10.0	40820.7	-5940.9	883	10.5	43459.6	-5946.5	973	10.3	45911.6	-5910.7
704	9.2	34421.8	-5926.6	794	10.0	40821.8	-5946.9	884	11.0	43559.3	-5904.2	974	10.0	45921.6	-5945.4
705	10.0	34424.1	-5953.6	795	11.0	40834.0	-5917.2	885	11.0	43606.0	-5943.5	975	10.3	45934.8	-5930.1
706	9.5	34439.7	-5904.8	796	9.3	40849.0	-5923.8	886	11.3	43627.6	-5913.2	976	10.3	45943.6	-5941.8
707	10.0	34502.0	-5958.6	797	7.8	40930.3	-5929.2	887	9.4	43639.8	-5903.8	977	10.3	50022.8	-5922.0
708	9.5	34513.5	-5919.5	798	10.0	40954.6	-5924.8	888	10.8	43650.5	-5948.5	978	10.0	50057.1	-5943.0
709	10.0	34524.5	-5904.8	799	10.0	40957.2	-5930.8	889	7.8	43651.3	-5913.8	979	10.0	50112.7	-5950.0
710	9.8	34533.1	-5902.7	800	9.8	41014.9	-5902.2	890	11.0	43709.3	-5940.5	980	9.5	50114.2	-5915.2
711	9.9	34540.1	-5926.6	801	10.0	41029.7	-5927.8	891	11.8	43715.5	-5943.4	981	10.3	50154.2	-5942.0
712	10.0	34545.3	-5952.6	802	10.0	41044.7	-5928.8	892	11.3	43725.3	-5949.4	982	9.9	50158.8	-5901.5
713	10.0	34546.3	-5955.6	803	9.3	41045.2	-5947.5	893	6.9	43815.1	-5911.2	983	10.0	50219.6	-5924.0
714	10.0	34547.5	-5933.6	804	10.0	41156.2	-5919.8	894	11.0	43830.1	-5901.1	984	10.0	50232.7	-5916.6
715	10.0	34551.5	-5941.6	805	8.4	41222.8	-5923.8	895	11.5	43901.0	-5941.4	985	10.3	50240.3	-5945.0
716	10.0	34636.9	-5939.6	806	11.3	41251.8	-5907.1	896	11.3	43913.8	-5909.1	986	10.8	50243.0	-5915.7
717	10.0	34658.1	-5928.6	807	9.5	41302.7	-5908.9	897	10.5	43938.4	-5925.4	987	10.5	50302.4	-5945.9
718	10.0	34715.6	-5929.5	808	10.0	41325.3	-5922.7	898	10.8	44049.6	-5916.4	988	10.5	50312.4	-5951.9
719	9.6	34752.3	-5939.5	809	10.0	41334.4	-5940.7	899	10.3	44100.8	-5918.6	989	10.5	50347.5	-5937.9
720	10.0	34755.8	-5938.5	810	9.3	41405.4	-5931.7	900	8.5	44124.5	-5901.1	990	10.0	50350.9	-5947.2
721	10.5	34759.8	-5902.7	811	4.4	41420.2	-5936.4	901	11.5	44129.1	-5901.9	991	10.0	50429.9	-5939.0
722	11.5	34833.6	-5910.6	812	10.0	41428.2	-5915.8	902	9.1	44136.9	-5955.4	992	10.5	50431.7	-5922.9
723	10.0	34842.6	-5929.5	813	10.0	41437.6	-5922.7	903	11.3	44154.4	-5957.6	993	10.5	50439.9	-5909.7
724	11.3	34843.2	-5914.6	814	10.8	41444.0	-5918.9	904	9.3	44208.7	-5931.4	994	8.6	50452.7	-5912.7
725	11.0	34856.2	-5914.6	815	10.0	41447.2	-5931.7	905	11.5	44219.8	-5909.9	995	11.0	50513.8	-5907.7
726	9.2	34858.3	-5937.5	816	10.5	41450.6	-5905.0	906	5.7	44228.3	-5958.0	996	8.8	50556.5	-5938.6
727	10.0	34904.1	-5952.5	817	9.5	41516.8	-5925.8	907	9.2	44229.8	-5933.3	997	10.0	50618.4	-5946.7
728	11.0	34923.1	-5907.6	818	10.0	41601.1	-5930.6	908	11.0	44256.3	-5912.9	998	9.9	50644.7	-5927.0
729	10.0	34929.3	-5921.5	819	10.0	41638.6	-5948.6	909	20.0	44259.1	-5931.3	999	9.6	50648.1	-5905.6
730	10.0	34945.3	-5922.5	820	9.9	41657.0	-5912.9	910	11.5	44332.8	-5906.8	1000	10.0	50713.4	-5950.8
731	11.0	34949.3	-5908.6	821	8.0	41657.5	-5902.9	911	9.9	44409.2	-5940.5	1001	9.6	50730.7	-5932.9
732	10.0	34956.2	-5932.4	822	9.5	41712.2	-5910.8	912	9.1	44433.8	-5926.5	1002	11.0	50812.1	-5901.6
733	10.5	35002.7	-5914.6	823	10.0	41720.7	-5953.4	913	9.8	44451.5	-5910.8	1003	10.5	50821.2	-5937.7
734	9.7	35037.5	-5939.4	824	9.7	41728.7	-5948.6	914	6.8	44509.3	-5921.0	1004	10.5	50824.3	-5954.7
735	10.0	35109.0	-5939.4	825	11.0	41753.1	-5900.9	915	9.8	44513.1	-5951.3	1005	10.5	50837.8	-5940.7
736	9.1	35116.0	-5947.2	826	10.0	41800.1	-5948.5	916	11.8	44551.8	-5911.7	1006	10.0	50844.9	-5952.9
737	9.7	35148.1	-5907.3	827	10.3	41808.4	-5914.8	917	11.3	44617.1	-5932.3	1007	9.8	50859.7	-5910.0
738	10.0	35210.3	-5959.4	828	9.8	41817.8	-5940.8	918	9.5	44625.1	-5929.3	1008	10.8	50908.4	-5903.0
739	10.0	35212.2	-5939.4	829	9.3	41838.2	-5942.5	919	9.5	44628.1	-5945.0	1009	9.9	50919.8	-5922.8
740	10.0	35228.4	-5928.4	830	8.6	41853.2	-5927.5	920	11.3	44640.4	-5923.3	1010	9.6	50929.9	-5949.7

-59 1011 5h09m

-59 1370 6h36m

1011	10.5	50932.2	-5940.7	1101	10.8	53556.6	-5935.8	1191	10.5	55834.3	-5912.6
1012	10.0	50936.9	-5955.9	1102	8.6	53618.4	-5950.8	1192	10.8	55835.5	-5900.6
1013	10.0	50940.6	-5939.6	1103	7.0	53630.4	-5911.2	1193	9.4	55924.7	-5927.9
1014	8.8	50952.1	-5908.0	1104	10.3	53640.3	-5943.7	1194	10.5	55934.9	-5907.5
1015	10.3	51002.6	-5931.7	1105	9.7	53646.6	-5908.3	1195	9.7	55935.1	-5942.9
1016	10.0	51004.2	-5932.6	1106	10.0	53707.4	-5955.6	1196	10.5	55937.6	-5900.5
1017	9.8	51016.8	-5955.4	1107	10.3	53711.9	-5945.9	1197	9.9	55942.1	-5941.3
1018	9.9	51018.6	-5922.2	1108	10.5	53714.6	-5910.2	1198	9.9	55942.3	-5909.3
1019	9.8	51018.6	-5938.4	1109	7.4	53719.2	-5902.0	1199	11.0	55943.5	-5938.9
1020	10.0	51028.4	-5946.6	1110	9.9	53750.9	-5926.3	1200	10.0	55949.8	-5910.3
1021	10.0	51030.4	-5903.0	1111	10.3	53802.2	-5934.7	1201	10.0	60010.4	-5951.8
1022	10.0	51050.7	-5916.5	1112	9.4	53826.0	-5919.8	1202	9.7	60010.4	-5948.9
1023	10.8	51057.4	-5949.6	1113	10.0	53844.4	-5940.7	1203	9.9	60119.2	-5927.6
1024	9.1	51108.4	-5948.6	1114	9.8	53933.2	-5903.2	1204	11.0	60120.2	-5905.5
1025	10.0	51131.1	-5908.0	1115	8.3	53947.8	-5949.6	1205	8.6	60130.1	-5935.9
1026	7.1	51133.8	-5943.6	1116	10.8	54025.5	-5943.6	1206	10.3	60134.9	-5917.5
1027	10.3	51148.1	-5907.0	1117	9.3	54126.5	-5912.1	1207	11.5	60140.0	-5931.9
1028	10.0	51204.2	-5926.8	1118	10.5	54158.1	-5900.1	1208	10.0	60146.9	-5905.5
1029	10.0	51209.1	-5942.8	1119	9.6	54228.6	-5959.9	1209	9.7	60156.9	-5915.9
1030	9.7	51236.2	-5909.0	1120	9.9	54248.8	-5930.5	1210	9.9	60209.6	-5922.9
1031	10.0	51321.3	-5913.0	1121	9.8	54254.1	-5939.3	1211	10.5	60226.6	-5904.4
1032	10.5	51332.1	-5912.0	1122	10.3	54302.4	-5957.6	1212	10.5	60228.2	-5912.4
1033	10.5	51405.3	-5920.4	1123	11.0	54304.3	-5956.6	1213	10.5	60236.2	-5901.6
1034	10.5	51416.6	-5944.6	1124	9.9	54326.3	-5936.2	1214	8.5	60239.9	-5948.8
1035	10.5	51446.6	-5956.6	1125	9.3	54337.6	-5958.4	1215	10.0	60243.3	-5906.4
1036	10.8	51453.2	-5900.9	1126	10.0	54343.9	-5927.4	1216	9.4	60303.6	-5946.8
1037	10.5	51457.2	-5905.9	1127	9.0	54356.2	-5952.4	1217	9.9	60320.1	-5937.6
1038	10.0	51509.2	-5958.6	1128	9.8	54414.8	-5912.9	1218	8.4	60329.3	-5907.6
1039	11.0	51527.1	-5907.9	1129	10.8	54416.7	-5932.0	1219	10.0	60340.6	-5915.8
1040	10.8	51528.7	-5911.9	1130	10.5	54434.2	-5918.0	1220	10.0	60346.4	-5917.8
1041	10.5	51538.5	-5925.5	1131	10.5	54443.2	-5939.4	1221	10.0	60355.3	-5922.8
1042	10.3	51539.1	-5917.9	1132	10.0	54447.3	-5959.2	1222	10.3	60355.6	-5910.4
1043	10.3	51545.1	-5926.5	1133	10.3	54453.8	-5909.0	1223	10.8	60359.1	-5913.4
1044	10.5	51628.8	-5938.5	1134	10.5	54503.1	-5944.4	1224	8.1	60427.2	-5930.2
1045	10.0	51652.6	-5936.6	1135	9.9	54516.2	-5903.0	1225	9.6	60436.0	-5957.8
1046	9.9	51659.6	-5921.5	1136	9.8	54522.3	-5910.0	1226	10.5	60459.4	-5914.1
1047	10.0	51723.2	-5926.3	1137	9.5	54617.9	-5905.9	1227	10.5	60504.9	-5917.1
1048	10.3	51732.7	-5902.9	1138	10.5	54619.6	-5923.4	1228	10.3	60523.6	-5936.2
1049	9.2	51747.1	-5901.9	1139	10.5	54631.2	-5904.9	1229	10.3	60608.1	-5906.3
1050	10.5	51828.5	-5954.4	1140	10.0	54649.6	-5937.5	1230	10.5	60608.6	-5950.5
1051	9.9	51841.0	-5942.4	1141	10.5	54650.1	-5943.1	1231	10.0	60618.8	-5920.2
1052	10.8	51931.6	-5900.8	1142	8.9	54804.6	-5952.3	1232	9.2	60618.9	-5901.3
1053	10.5	51932.7	-5908.5	1143	10.0	54808.8	-5918.8	1233	10.3	60642.1	-5952.1
1054	11.0	52010.4	-5907.8	1144	9.3	54838.6	-5925.1	1234	9.6	60644.8	-5920.6
1055	9.8	52031.6	-5903.0	1145	9.4	54842.3	-5920.2	1235	8.0	60708.2	-5926.2
1056	9.9	52048.1	-5935.4	1146	11.0	54855.3	-5950.1	1236	9.7	60718.2	-5945.0
1057	8.3	52107.1	-5945.2	1147	10.0	54858.3	-5901.9	1237	10.8	60751.5	-5938.1
1058	9.7	52158.1	-5912.8	1148	11.0	54859.4	-5950.2	1238	11.0	60752.4	-5902.3
1059	9.7	52158.1	-5943.2	1149	9.9	54904.3	-5902.9	1239	7.8	60757.7	-5929.3
1060	9.9	52222.6	-5903.8	1150	9.2	54953.3	-5959.0	1240	11.0	60809.1	-5950.1
1061	11.0	52234.7	-5921.3	1151	10.5	54958.7	-5933.2	1241	9.3	60812.5	-5946.3
1062	10.5	52243.9	-5907.8	1152	10.0	55000.6	-5959.2	1242	9.9	60813.6	-5911.3
1063	10.0	52258.4	-5958.0	1153	10.8	55019.8	-5910.8	1243	10.5	60823.2	-5916.2
1064	10.3	52258.4	-5951.2	1154	10.0	55042.8	-5920.2	1244	10.3	60824.8	-5911.2
1065	10.5	52312.0	-5919.2	1155	10.3	55053.2	-5953.2	1245	10.8	60859.9	-5907.2
1066	9.7	52325.1	-5943.2	1156	11.0	55057.1	-5943.2	1246	10.8	60905.4	-5904.2
1067	10.3	52358.9	-5939.2	1157	10.3	55057.7	-5900.0	1247	7.9	60912.5	-5946.2
1068	9.6	52401.3	-5922.0	1158	9.7	55101.8	-5921.2	1248	11.0	60924.2	-5942.1
1069	9.8	52409.8	-5913.8	1159	10.5	55124.3	-5915.8	1249	10.5	60933.1	-5943.0
1070	10.3	52411.7	-5914.8	1160	10.3	55130.2	-5900.5	1250	8.6	60953.8	-5912.5
1071	5.0	52430.0	-5901.1	1161	8.9	55233.4	-5947.8	1251	9.7	60955.9	-5958.1
1072	8.6	52430.2	-5917.8	1162	9.7	55248.3	-5908.7	1252	10.5	61013.6	-5950.0
1073	9.4	52438.1	-5921.5	1163	10.8	55309.5	-5951.1	1253	10.5	61019.5	-5914.9
1074	10.5	52457.6	-5934.1	1164	7.4	55317.1	-5937.8	1254	10.3	61039.6	-5944.0
1075	10.5	52458.9	-5948.1	1165	9.9	55328.6	-5935.1	1255	9.5	61041.8	-5923.2
1076	11.0	52605.7	-5906.6	1166	8.1	55332.9	-5956.4	1256	9.5	61043.6	-5945.0
1077	9.9	52606.1	-5927.1	1167	10.0	55341.8	-5959.0	1257	7.8	61111.4	-5954.0
1078	10.0	52609.2	-5931.1	1168	10.3	55359.3	-5905.7	1258	9.2	61118.7	-5932.0
1079	8.7	52629.7	-5914.5	1169	7.8	55411.3	-5912.7	1259	10.3	61134.2	-5945.0
1080	10.5	52739.0	-5957.1	1170	10.5	55411.3	-5913.7	1260	10.0	61136.2	-5906.6
1081	10.0	52816.6	-5932.8	1171	10.0	55421.0	-5957.8	1261	10.8	61137.0	-5906.1
1082	11.0	52818.3	-5904.5	1172	11.0	55421.8	-5956.1	1262	9.7	61138.8	-5952.8
1083	10.3	52842.4	-5955.0	1173	10.5	55425.1	-5942.1	1263	10.3	61141.6	-5946.0
1084	9.8	52851.4	-5957.9	1174	10.3	55439.2	-5931.8	1264	10.8	61153.4	-5931.0
1085	10.5	52915.2	-5918.5	1175	9.9	55442.3	-5955.8	1265	10.8	61157.3	-5927.0
1086	10.5	52937.1	-5922.0	1176	10.5	55444.5	-5915.8	1266	11.0	61158.4	-5924.0
1087	9.9	52950.9	-5917.1	1177	9.7	55452.8	-5958.8	1267	11.0	61212.8	-5904.1
1088	9.8	53019.6	-5940.0	1178	10.5	55502.9	-5916.3	1268	9.6	61224.7	-5950.0
1089	9.6	53028.8	-5916.9	1179	9.2	55508.2	-5926.0	1269	9.3	61320.3	-5941.0
1090	10.5	53031.2	-5923.9	1180	10.5	55527.2	-5905.8	1270	10.0	61331.9	-5951.9
1091	8.7	53144.6	-5938.9	1181	11.0	55543.7	-5956.0	1271	10.3	61333.1	-5902.1
1092	9.9	53307.7	-5932.9	1182	10.5	55555.8	-5904.7	1272	10.5	61336.8	-5956.9
1093	10.3	53315.3	-5924.9	1183	10.0	55624.1	-5935.0	1273	8.6	61409.2	-5906.8
1094	10.3	53341.4	-5942.8	1184	11.0	55632.8	-5954.0	1274	8.0	61429.9	-5910.1
1095	9.9	53350.3	-5911.3	1185	9.7	55655.1	-5940.3	1275	6.5	61434.8	-5909.2
1096	10.3	53428.0	-5956.8	1186	9.9	55742.9	-5912.2	1276	9.5	61434.9	-5915.9
1097	9.1	53519.7	-5934.4	1187	10.0	55752.8	-5922.0	1277	10.3	61451.6	-5937.6
1098	9.6	53520.6	-5943.6	1188	10.5	55756.9	-5915.2	1278	11.0	61510.3	-5933.9
1099	9.9	53527.1	-5926.0	1189	10.5	55802.2	-5940.0	1279	10.3	61514.0	-5926.6
1100	10.0	53547.4	-5953.8	1190	9.7	55802.4	-5950.0	1280	10.8	61517.3	-5934.9
1281	10.8	61521.4	-5942.9
1282	9.5	61545.2	-5919.1
1283	11.0	61558.7	-5951.9
1284	9.7	61559.4	-5948.6
1285	10.5	61602.9	-5902.8
1286	11.0	61714.0	-5944.8
1287	11.0	61715.4	-5942.8
1288	9.4	61718.6	-5955.8
1289	10.5	61819.2	-5948.8
1290	10.0	61823.3	-5956.8
1291	9.7	61828.4	-5915.8
1292	11.0	61831.9	-5948.6
1293	9.6	61831.9	-5918.8
1294	10.5	61842.4	-5920.8
1295	9.8	61853.7	-5932.8
1296	10.5	61857.1	-5941.8
1297	10.5	61906.8	-5936.8
1298	10.0	61915.8	-5956.6
1299	10.3	61948.2	-5925.8
1300	7.4	61949.0	-5957.6
1301	9.5	62009.8	-5911.9
1302	10.0	62012.0	-5922.8
1303	10.0	62035.9	-5936.7
1304	10.0	62037.1	-5933.7
1305	10.0	62044.6	-5945.4
1306	10.0	62152.4	-5909.8
1307	9.7	62204.7	-5927.4
1308	8.4	62234.2	-5900.8
1309	10.0	62255.2	-5920.4
1310	9.2	62315.4	-5916.2
1311	9.6	62319.2	-5949.7
1312	10.0	62323.2	-5936.4
1313	10.0	62330.2	-5935.4
1314	10.0	62350.6	-5934.5
1315	9.9	62355.9	-5903.5
1316	10.0	62437.8	-5943.6
1317	10.0	62439.9	-5906.7
1318	10.0	62503.8	-5920.6
1319	9.9	62513.8	-5954.4
1320	10.3	62521.2	-5917.6
1321	10.0	62540.2	-5938.4
1322	10.0	62604.0	-5930.6
1323	10.0	62631.5	-5932.6
1324	7.6	62636.5	-5931.8
1325	9.6	62637.8	-5920.4
1326	10.0	62646.7	-5928.6
1327	10.0	62647.2	-5951.6
1328	9.8	62653.8	-5909.9
1329	10.0	62705.5	-5938.6
1330	10.0	62714.7	-5935.6
1331	9.6	62715.2	-5959.3
1332	8.1	62717.0	-5941.5
1333	10.8	62740.3	-5940.8
1334	10.5	62745.1	-5911.6
1335	8.4	62749.2	-5940.8
1336	10.0	62753.9	-5917.8
1337	7.0	62813.3	-5930.0
1338	11.0	62813.3	-5906.6
1339	9.3	62815.4	-5955.3
1340	9.8	62827.2	-5949.0
1341	11.0	62905.2	-5913.6
1342	10.5	62935.2	-5902.6
1343	10.0	63001.2	-5931.8
1344	9.9	63003.3	-5946.8
1345	10.0	63011.2	-5927.8
1346	10.0	63026.2	-5922.8
1347	10.0	63035.7	-5929.8
1348	9.9	63038.9	-5958.8
1349	9.8	63045.2	-5922.8
1350	9.0	63057.7	-5910.2
1351	9.7	63148.3	-5902.5
1352	10.0	63217.8	-5951.7
1353	10.0	63221.8	-5924.7
1354	10.0	63242.7	-5925.7
1355	10.0	63244.2	-5931.7
1356	9.9	63308.5	-5900.7
1357	10.0	63321.2	-5953.7
1358	10.0	63334.6	-5918.7
1359	9.9	63415.7	-5909.3
1360	10.0	63429.3	-5904.9
1361	8.6	63452.3	-5907.0
1362	10.0	63454.8	-5953.7
1363	10.5	63456.5	-5907.2
1364	10.0	63509.6	-5939.9
1365	10.0	63512.0	-5931.7
1366	10.0	63512.0	-5918.7
1367	9.9	63518.4	-5919.7
1368	10.0	63613.2	-5927.6
1369	10.3	63616.6	-5940.4
1370	8.6	63619.4	-5939.6

1371	9.7	63703.3	-5923.4	1461	10.0	65704.8	-5919.9	1551	9.2	71512.7	-5911.0	1641	9.9	73423.6	-5950.8
1372	9.3	63710.3	-5905.7	1462	10.0	65715.3	-5904.6	1552	9.6	71518.9	-5924.4	1642	9.7	73433.3	-5914.7
1373	10.0	63719.1	-5944.8	1463	10.3	65717.3	-5903.4	1553	10.8	71525.6	-5941.4	1643	9.4	73439.4	-5938.8
1374	10.0	63724.8	-5922.6	1464	9.4	65727.5	-5951.9	1554	11.5	71536.1	-5946.4	1644	9.4	73441.8	-5918.8
1375	10.0	63814.3	-5955.6	1465	10.0	65749.7	-5924.9	1555	11.0	71536.2	-5956.4	1645	10.3	73503.1	-5955.2
1376	10.0	63816.1	-5936.6	1466	8.8	65832.3	-5946.9	1556	7.7	71538.9	-5902.0	1646	10.8	73509.2	-5904.7
1377	7.8	63833.1	-5900.5	1467	10.0	65835.2	-5900.5	1557	10.0	71603.3	-5929.5	1647	10.5	73516.6	-5932.2
1378	9.0	63835.7	-5905.0	1468	10.0	65838.2	-5923.9	1558	10.5	71633.1	-5920.3	1648	9.3	73546.9	-5904.2
1379	10.0	63904.8	-5906.6	1469	10.0	65847.7	-5919.9	1559	8.3	71635.6	-5930.3	1649	10.5	73549.4	-5927.2
1380	10.0	63921.6	-5941.5	1470	11.0	65854.2	-5902.5	1560	9.8	71648.4	-5934.1	1650	11.0	73558.0	-5952.2
1381	10.0	63939.4	-5951.5	1471	9.8	65859.1	-5934.9	1561	10.8	71652.6	-5907.9	1651	10.3	73610.3	-5955.2
1382	10.0	63947.8	-5952.5	1472	9.4	65905.3	-5950.9	1562	10.5	71703.2	-5911.9	1652	11.0	73612.4	-5935.2
1383	10.0	63951.1	-5942.8	1473	9.7	65912.3	-5909.3	1563	10.3	71708.8	-5903.9	1653	10.3	73616.3	-5922.3
1384	10.0	64002.4	-5956.5	1474	9.9	65913.8	-5950.9	1564	9.5	71710.8	-5933.5	1654	11.0	73637.0	-5942.1
1385	9.9	64019.7	-5921.5	1475	10.0	65916.1	-5934.9	1565	10.5	71716.9	-5925.3	1655	10.3	73645.8	-5932.1
1386	9.3	64029.7	-5930.5	1476	10.0	65922.6	-5943.9	1566	10.8	71729.3	-5949.3	1656	9.7	73648.7	-5956.9
1387	10.0	64100.7	-5939.5	1477	9.5	65928.2	-5957.9	1567	9.5	71737.9	-5938.2	1657	11.0	73650.0	-5900.7
1388	9.9	64112.6	-5941.5	1478	8.4	65943.3	-5915.2	1568	9.1	71755.3	-5903.8	1658	10.8	73711.0	-5922.1
1389	10.0	64151.3	-5919.4	1479	10.0	65956.0	-5940.8	1569	9.3	71757.4	-5937.3	1659	10.5	73717.7	-5959.5
1390	10.0	64209.3	-5952.4	1480	7.5	70009.5	-5916.6	1570	9.7	71819.3	-5916.0	1660	10.3	73724.8	-5929.1
1391	10.0	64214.5	-5934.4	1481	9.4	70023.9	-5910.0	1571	10.8	71849.2	-5915.3	1661	10.3	73725.6	-5953.1
1392	10.0	64239.9	-5921.4	1482	10.0	70030.1	-5930.8	1572	9.7	71911.3	-5955.3	1662	8.9	73727.2	-5940.0
1393	9.9	64244.7	-5907.0	1483	9.6	70049.6	-5942.0	1573	10.5	71917.7	-5944.3	1663	10.8	73744.5	-5952.1
1394	9.4	64245.8	-5908.9	1484	10.0	70055.7	-5926.8	1574	9.9	71926.3	-5954.2	1664	11.0	73811.5	-5936.1
1395	10.3	64252.4	-5918.5	1485	9.8	70130.6	-5940.8	1575	10.3	71951.6	-5954.2	1665	11.0	73832.1	-5937.0
1396	10.0	64303.1	-5943.8	1486	10.0	70130.7	-5930.8	1576	10.5	72011.4	-5943.2	1666	10.5	73835.1	-5950.8
1397	9.1	64304.4	-5910.5	1487	9.6	70140.2	-5912.4	1577	10.3	72012.6	-5941.2	1667	10.5	73856.6	-5952.8
1398	10.0	64321.0	-5926.4	1488	10.0	70211.2	-5928.8	1578	10.3	72024.8	-5948.2	1668	10.8	73910.2	-5920.0
1399	10.0	64324.6	-5923.4	1489	10.0	70212.7	-5935.8	1579	10.3	72027.5	-5927.2	1669	8.3	73914.1	-5942.2
1400	10.0	64324.6	-5951.4	1490	10.8	70222.1	-5907.4	1580	10.3	72048.7	-5943.2	1670	9.6	73917.2	-5927.0
1401	9.5	64326.1	-5933.4	1491	9.6	70247.3	-5922.8	1581	9.5	72048.8	-5912.6	1671	10.5	73918.2	-5927.5
1402	8.9	64333.3	-5947.4	1492	9.3	70253.3	-5905.4	1582	9.7	72203.8	-5911.7	1672	10.5	73941.4	-5913.5
1403	10.5	64335.3	-5911.5	1493	10.0	70254.3	-5957.6	1583	10.8	72209.6	-5901.8	1673	9.0	73942.7	-5959.5
1404	10.0	64353.4	-5910.5	1494	9.7	70316.8	-5945.3	1584	10.3	72213.2	-5949.2	1674	10.0	73945.2	-5954.0
1405	10.5	64423.7	-5901.2	1495	9.7	70319.7	-5929.0	1585	11.0	72216.6	-5944.2	1675	10.0	73958.7	-5959.3
1406	10.0	64438.6	-5952.4	1496	9.8	70322.9	-5916.3	1586	10.3	72225.9	-5922.2	1676	10.5	74009.0	-5959.1
1407	10.0	64443.6	-5940.3	1497	8.7	70328.7	-5912.2	1587	10.8	72246.9	-5917.9	1677	10.5	74012.2	-5905.1
1408	9.9	64452.1	-5944.3	1498	8.1	70334.6	-5957.7	1588	10.8	72247.7	-5957.1	1678	8.6	74018.6	-5908.3
1409	10.0	64457.1	-5933.3	1499	9.6	70402.6	-5937.7	1589	10.8	72355.2	-5923.1	1679	10.8	74018.7	-5938.0
1410	10.0	64458.3	-5923.3	1500	9.7	70422.8	-5953.6	1590	11.0	72358.2	-5902.7	1680	10.8	74018.9	-5903.5
1411	11.0	64520.7	-5936.3	1501	8.1	70445.2	-5947.9	1591	9.6	72422.9	-5910.8	1681	7.4	74025.9	-5900.5
1412	10.0	64523.4	-5945.3	1502	6.7	70525.6	-5930.9	1592	9.9	72448.8	-5940.1	1682	9.6	74043.8	-5918.1
1413	9.0	64526.7	-5949.3	1503	9.9	70532.1	-5936.7	1593	9.6	72452.4	-5923.2	1683	10.5	74049.9	-5933.8
1414	9.9	64550.0	-5942.3	1504	8.9	70544.3	-5920.9	1594	9.7	72452.8	-5939.1	1684	9.7	74108.8	-5917.1
1415	9.1	64612.2	-5901.8	1505	10.0	70558.2	-5928.9	1595	7.7	72459.2	-5919.2	1685	9.5	74108.8	-5931.6
1416	10.0	64702.6	-5924.3	1506	10.0	70600.1	-5938.7	1596	10.5	72531.2	-5928.2	1686	10.5	74119.3	-5917.6
1417	9.8	64715.0	-5926.3	1507	9.6	70608.2	-5926.7	1597	10.5	72541.2	-5931.2	1687	11.5	74136.8	-5902.5
1418	10.0	64731.8	-5914.2	1508	9.4	70629.0	-5916.3	1598	9.5	72553.9	-5907.9	1688	11.0	74143.4	-5938.9
1419	10.0	64745.1	-5935.2	1509	10.0	70634.2	-5933.4	1599	9.9	72605.2	-5954.1	1689	11.0	74144.6	-5936.9
1420	8.9	64747.1	-5942.6	1510	9.7	70639.1	-5917.4	1600	10.8	72608.0	-5932.2	1690	9.8	74145.2	-5955.7
1421	9.9	64749.2	-5931.2	1511	9.7	70653.2	-5926.8	1601	10.3	72611.2	-5925.1	1691	9.4	74158.4	-5943.3
1422	10.0	64805.3	-5914.2	1512	9.5	70658.9	-5917.2	1602	9.9	72637.8	-5942.9	1692	11.0	74210.7	-5934.9
1423	10.0	64822.8	-5957.2	1513	9.8	70659.0	-5944.3	1603	11.3	72637.8	-5949.0	1693	8.6	74224.3	-5912.3
1424	10.0	64838.7	-5956.2	1514	9.1	70708.9	-5910.2	1604	9.9	72648.9	-5952.0	1694	10.8	74238.1	-5956.9
1425	10.0	64900.6	-5946.2	1515	9.3	70718.8	-5948.6	1605	9.5	72707.3	-5924.0	1695	10.5	74238.6	-5912.5
1426	10.0	64919.4	-5951.4	1516	9.9	70732.2	-5928.6	1606	8.6	72738.8	-5920.0	1696	11.0	74243.0	-5934.9
1427	9.4	64925.2	-5909.2	1517	10.0	70747.3	-5923.6	1607	11.0	72748.8	-5910.9	1697	10.0	74249.6	-5954.6
1428	9.3	64945.3	-5933.2	1518	10.0	70747.8	-5952.3	1608	11.3	72751.7	-5935.0	1698	11.0	74253.9	-5908.4
1429	9.3	64959.3	-5914.6	1519	8.6	70809.9	-5910.2	1609	8.4	72752.2	-5951.0	1699	10.5	74255.2	-5905.4
1430	10.0	65009.6	-5917.2	1520	10.0	70815.9	-5939.6	1610	11.3	72752.3	-5958.0	1700	10.5	74256.1	-5909.4
1431	10.0	65029.4	-5932.2	1521	9.6	70822.7	-5907.2	1611	8.8	72825.2	-5917.7	1701	10.5	74303.2	-5902.8
1432	10.0	65045.3	-5945.1	1522	11.0	70849.8	-5903.2	1612	10.5	72905.1	-5926.0	1702	11.0	74309.9	-5913.4
1433	6.7	65055.2	-5911.5	1523	10.0	70852.7	-5955.6	1613	9.3	72914.6	-5914.1	1703	10.3	74340.3	-5926.8
1434	9.1	65207.0	-5954.1	1524	9.9	70855.8	-5946.6	1614	9.7	72924.6	-5945.1	1704	10.3	74344.8	-5917.8
1435	8.4	65209.8	-5943.1	1525	10.0	70856.6	-5936.6	1615	10.3	72928.7	-5915.9	1705	8.5	74407.7	-5930.8
1436	10.0	65241.8	-5952.1	1526	10.0	70905.2	-5932.6	1616	10.3	72940.3	-5914.9	1706	8.6	74409.7	-5930.1
1437	9.9	65248.3	-5950.1	1527	10.8	70918.7	-5904.2	1617	10.5	73000.7	-5950.9	1707	11.0	74417.0	-5907.4
1438	9.4	65248.8	-5920.1	1528	9.8	70931.9	-5916.1	1618	10.5	73004.3	-5913.3	1708	9.5	74425.9	-5908.4
1439	9.7	65250.4	-5903.1	1529	10.0	70951.5	-5956.5	1619	10.8	73009.3	-5904.7	1709	10.5	74444.2	-5938.8
1440	10.5	65254.4	-5900.2	1530	10.8	70954.0	-5918.3	1620	9.1	73010.2	-5900.9	1710	10.5	74504.8	-5944.8
1441	9.6	65329.6	-5915.0	1531	8.0	71019.2	-5937.5	1621	10.8	73019.3	-5921.9	1711	10.8	74527.2	-5915.4
1442	10.0	65343.6	-5919.2	1532	9.5	71030.3	-5919.3	1622	11.0	73020.6	-5935.9	1712	9.6	74538.1	-5951.4
1443	9.3	65344.3	-5922.1	1533	9.5	71040.6	-5920.5	1623	10.3	73031.5	-5901.8	1713	11.0	74547.2	-5958.8
1444	10.0	65345.7	-5928.0	1534	10.0	71101.6	-5952.5	1624	10.5	73104.4	-5947.9	1714	11.0	74548.6	-5957.8
1445	11.0	65350.8	-5904.7	1535	10.0	71124.9	-5958.3	1625	11.0	73112.6	-5914.9	1715	8.9	74554.4	-5935.8
1446	10.3	65353.3	-5912.7	1536	8.9	71130.2	-5950.5	1626	10.8	73120.3	-5911.8	1716	10.5	74608.6	-5954.7
1447	10.0	65400.7	-5930.0	1537	10.8	71158.1	-5915.1	1627	10.3	73123.7	-5946.9	1717	10.5	74627.5	-5912.3
1448	10.3	65408.6	-5916.0	1538	10.0	71211.6	-5926.5	1628	9.7	73201.6	-5956.9	1718	9.3	74629.1	-5951.5
1449	10.0	65412.3	-5906.9	1539	9.3	71212.3	-5953.5	1629	10.5	73205.7	-5901.2	1719	9.7	74630.7	-5942.9
1450	9.9	65431.3	-5922.0	1540	10.0	71212.3	-5957.3	1630	8.0	73210.4	-5958.3	1720	10.5	74640.6	-5933.7
1451	8.6	65443.9	-5909.6	1541	10.0	71229.6	-5959.4	1631	11.0	73218.9	-5910.8	1721	11.5	74703.0	-5949.7
1452	10.0	65450.0	-5933.0	1542	9.6	71251.4	-5903.0	1632	10.0	73225.3	-5925.1	1722	10.5	74703.6	-5909.3
1453	9.9	65459.6	-5943.0	1543	10.0	71252.6	-5951.4	1633	11.0	73239.0	-5936.3	1723	10.8	74706.3	-5950.7
1454	9.9	65501.0	-5917.2	1544	9.8	71316.8	-5920.4	1634	10.0	73313.9	-5925.0	1724	7.5	74707.6	-5903.3
1455	8.7	65501.7	-5912.6	1545	9.8	71327.8	-5946.4	1635	9.3	73319.5	-5915.6	1725	5.8	74709.2	-5958.5
1456	10.8	65501.8	-5904.6	1546	9.4	71330.9	-5919.4	1636	10.8	73330.2	-5900.9	1726	10.5	74727.1	-5954.9
1457	10.0	65617.0	-5937.0	1547	9.8	71344.3	-5920.2	1637	10.3	73350.4	-5947.2	1727	11.0	74729.7	-5920.3
1458	10.0	65634.3	-5948.0	1548	10.0	71408.2	-5937.4	1638	10.0	73407.6	-5948.2	1728	10.5	74738.2	-5922.7
1459	10.3	65646.3	-5909.6	1549	9.6	71418.8	-5904.0	1639	8.3	73408.9	-5920.3	1729	6.9	74747.1	-5943.9
1460	10.0	65700.3	-5947.9	1550	11.0	71501.6	-5940.4	1640	10.3	73416.5	-5917.6	1730	10.5	74758.3	-5928.4

1731	9.9	74809.1	-5945.5	1821	11.5	80157.4	-5940.0	1911	11.0	81705.2	-5954.4
1732	11.0	74819.1	-5945.7	1822	11.0	80202.7	-5927.0	1912	8.0	81717.3	-5942.4
1733	9.6	74820.4	-5942.5	1823	10.3	80208.6	-5952.4	1913	9.4	81719.9	-5929.7
1734	11.0	74830.5	-5900.3	1824	10.3	80214.6	-5945.2	1914	10.8	81732.4	-5957.8
1735	11.3	74832.0	-5913.3	1825	10.0	80254.4	-5913.8	1915	11.0	81737.9	-5916.3
1736	11.5	74833.2	-5907.3	1826	10.8	80257.2	-5915.9	1916	10.8	81740.6	-5921.3
1737	10.0	74837.9	-5935.4	1827	11.0	80305.4	-5939.0	1917	9.9	81757.7	-5926.3
1738	10.0	74843.3	-5924.4	1828	10.8	80314.8	-5904.8	1918	9.6	81758.3	-5933.9
1739	7.4	74844.4	-5919.4	1829	11.5	80325.7	-5942.0	1919	11.0	81811.7	-5937.3
1740	8.8	74918.0	-5920.3	1830	11.0	80341.3	-5914.9	1920	8.5	81814.7	-5941.3
1741	11.0	74930.4	-5936.6	1831	9.4	80355.9	-5907.8	1921	8.4	81815.9	-5911.0
1742	11.0	74938.7	-5937.6	1832	10.8	80359.2	-5921.2	1922	11.3	81832.7	-5931.3
1743	11.0	74941.7	-5939.6	1833	9.4	80402.5	-5947.9	1923	10.5	81910.4	-5941.4
1744	9.6	74942.6	-5907.2	1834	11.0	80406.4	-5906.8	1924	8.4	81920.9	-5958.3
1745	10.0	74943.8	-5950.3	1835	11.5	80421.9	-5925.9	1925	8.1	81944.3	-5922.6
1746	10.5	74949.6	-5956.4	1836	10.5	80428.8	-5903.7	1926	1.7	81956.5	-5906.2
1747	7.5	74959.7	-5917.3	1837	11.0	80435.4	-5934.9	1927	8.8	82015.8	-5912.3
1748	7.5	75007.2	-5910.2	1838	11.3	80445.2	-5927.9	1928	9.6	82016.6	-5946.2
1749	9.3	75017.8	-5934.8	1839	9.9	80451.9	-5911.7	1929	10.3	82020.6	-5949.2
1750	10.5	75018.1	-5954.6	1840	7.3	80459.8	-5904.7	1930	8.9	82026.3	-5906.9
1751	9.1	75040.3	-5930.6	1841	9.8	80501.1	-5912.7	1931	9.1	82052.5	-5946.2
1752	10.3	75040.8	-5904.2	1842	11.3	80507.6	-5934.9	1932	9.8	82105.3	-5933.9
1753	10.0	75049.4	-5943.5	1843	8.8	80508.0	-5955.8	1933	11.0	82109.2	-5940.2
1754	9.0	75049.9	-5905.2	1844	8.1	80508.8	-5959.2	1934	10.8	82124.6	-5940.1
1755	10.3	75059.2	-5957.7	1845	10.3	80515.0	-5920.9	1935	8.4	82148.0	-5931.8
1756	10.0	75115.2	-5959.5	1846	10.8	80609.9	-5936.8	1936	10.5	82214.9	-5911.2
1757	9.9	75158.8	-5918.2	1847	9.1	80612.0	-5946.0	1937	9.6	82224.7	-5950.1
1758	9.3	75230.4	-5933.8	1848	11.5	80622.6	-5918.8	1938	9.9	82256.3	-5933.3
1759	9.9	75232.9	-5939.3	1849	10.5	80625.0	-5920.7	1939	11.0	82306.8	-5918.1
1760	10.0	75249.3	-5931.3	1850	11.3	80625.0	-5957.8	1940	9.3	82310.2	-5909.1
1761	10.5	75314.0	-5941.5	1851	10.5	80636.5	-5901.9	1941	9.5	82323.5	-5943.1
1762	9.2	75315.5	-5959.1	1852	10.8	80646.8	-5927.8	1942	10.5	82337.4	-5927.0
1763	11.0	75327.5	-5930.4	1853	8.6	80659.2	-5946.5	1943	9.5	82341.9	-5921.0
1764	9.5	75353.7	-5955.4	1854	7.0	80705.5	-5910.5	1944	10.3	82345.2	-5905.1
1765	9.1	75355.4	-5954.4	1855	8.8	80713.2	-5950.8	1945	8.6	82345.9	-5901.3
1766	10.8	75400.1	-5927.4	1856	9.3	80728.9	-5903.8	1946	10.8	82404.6	-5924.0
1767	10.5	75410.2	-5942.4	1857	10.8	80809.8	-5933.8	1947	10.8	82423.3	-5922.7
1768	9.7	75410.9	-5908.7	1858	10.8	80809.8	-5930.8	1948	9.1	82426.0	-5908.1
1769	10.0	75458.7	-5937.2	1859	11.3	80823.2	-5901.6	1949	11.0	82437.3	-5942.0
1770	9.6	75517.8	-5929.2	1860	11.0	80838.5	-5948.8	1950	10.8	82502.8	-5920.0
1771	10.0	75524.6	-5911.8	1861	10.5	80842.6	-5908.0	1951	10.8	82516.8	-5935.0
1772	9.9	75527.5	-5957.2	1862	9.7	80856.1	-5945.8	1952	9.7	82526.4	-5909.1
1773	5.7	75528.4	-5958.4	1863	11.0	80901.2	-5909.6	1953	10.8	82547.4	-5935.9
1774	9.9	75534.8	-5953.4	1864	9.8	80910.1	-5948.8	1954	10.5	82549.5	-5909.1
1775	9.8	75543.1	-5951.3	1865	10.5	80910.4	-5916.2	1955	7.5	82610.3	-5941.9
1776	11.0	75543.8	-5908.0	1866	7.2	80919.8	-5941.8	1956	11.0	82629.1	-5926.9
1777	11.0	75550.8	-5906.0	1867	9.5	80941.9	-5909.8	1957	8.3	82656.1	-5945.9
1778	9.3	75601.3	-5906.0	1868	9.5	80950.3	-5956.5	1958	10.3	82701.7	-5957.5
1779	7.9	75605.8	-5921.4	1869	8.0	80953.8	-5939.7	1959	10.3	82714.2	-5917.9
1780	9.4	75614.4	-5937.3	1870	10.0	81008.2	-5916.2	1960	10.5	82715.9	-5938.9
1781	9.8	75619.7	-5955.3	1871	9.7	81010.7	-5904.4	1961	10.5	82728.4	-5936.9
1782	8.9	75622.9	-5902.0	1872	9.9	81024.7	-5905.6	1962	9.6	82742.7	-5905.8
1783	8.7	75626.7	-5906.8	1873	11.5	81051.9	-5931.7	1963	10.8	82756.0	-5906.0
1784	11.0	75636.0	-5925.3	1874	10.0	81105.6	-5939.7	1964	10.5	82806.5	-5943.8
1785	10.5	75653.3	-5929.3	1875	11.5	81127.9	-5935.7	1965	9.1	82807.3	-5910.5
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1787	9.6	75712.6	-5951.3	1877	9.7	81154.4	-5935.9	1967	9.6	82839.2	-5905.2
1788	10.0	75715.2	-5929.3	1878	9.0	81156.7	-5953.7	1968	9.4	82925.0	-5957.8
1789	6.5	75728.2	-5951.5	1879	9.6	81159.9	-5906.2	1969	10.8	82951.5	-5908.9
1790	9.5	75735.9	-5937.3	1880	11.5	81221.1	-5945.7	1970	10.8	83000.6	-5903.9
1791	10.3	75737.6	-5921.1	1881	10.0	81223.9	-5906.5	1971	10.8	83009.7	-5924.7
1792	9.7	75824.8	-5909.9	1882	11.3	81225.1	-5916.7	1972	10.8	83012.4	-5955.7
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1795	10.5	75854.1	-5946.0	1885	9.7	81238.3	-5913.9	1975	10.5	83028.0	-5912.9
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1798	9.8	75919.1	-5952.6	1888	7.9	81300.7	-5940.5	1978	10.8	83128.1	-5948.7
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1816	9.4	80110.6	-5948.0	1906	10.0	81628.2	-5901.4	1996	9.6	83421.9	-5948.7
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2002	11.0	83515.6	-5950.5								
2003	9.6	83516.3	-5910.0								
2004	10.0	83524.9	-5943.5								
2005	10.0	83530.0	-5931.5								
2006	10.0	83554.3	-5930.5								
2007	10.8	83614.2	-5903.7								
2008	9.8	83618.4	-5945.8								
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2014	11.0	83705.9	-5925.5								
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2017	10.0	83714.6	-5955.5								
2018	10.0	83741.4	-5931.5								
2019	9.5	83749.3	-5958.5								
2020	4.3	83749.8	-5918.6								
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2022	9.9	83802.9	-5938.5								
2023	9.8	83813.3	-5926.5								
2024	11.0	83822.0	-5955.5								
2025	9.8	83828.3	-5934.5								
2026	9.6	83834.5	-5950.5								
2027	10.5	83837.0	-5919.5								
2028	9.5	83839.2	-5922.8								
2029	9.5	83839.4	-5948.5								
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2037	8.8	83939.9	-5904.6								
2038	9.4	84000.3	-5957.6								
2039	10.3	84002.7	-5918.5								
2040	10.3	84027.5	-5909.6								
2041	10.8	84034.8	-5918.5								
2042	9.8	84050.2	-5908.6								
2043	10.8	84054.8	-5934.5								
2044	8.4	84103.2	-5908.2								
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2087	10.3	84545.2	-5904.9								
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2089	8.0	84548.8	-5928.9								
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2091	11.0	84558.7 -5918.1	2181	9.8	85648.8 -5910.4	2271	10.5	90719.3 -5911.5	2361	9.8	91936.8 -5913.0
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2122	11.0	84904.1 -5901.8	2212	11.5	90138.3 -5906.8	2302	10.0	91208.7 -5941.0	2392	9.5	92301.8 -5959.7
2123	11.0	84919.2 -5901.4	2213	10.5	90154.2 -5920.5	2303	10.0	91213.2 -5953.0	2393	9.4	92312.2 -5920.7
2124	11.0	84919.7 -5936.3	2214	9.9	90201.3 -5933.5	2304	10.5	91231.2 -5943.8	2394	6.9	92318.9 -5902.1
2125	11.0	84922.6 -5916.5	2215	11.0	90207.1 -5940.5	2305	11.0	91232.2 -5910.4	2395	9.6	92319.4 -5910.1
2126	10.5	84947.8 -5929.7	2216	11.0	90216.3 -5903.6	2306	10.0	91233.2 -5937.0	2396	10.0	92329.2 -5917.9
2127	7.9	84959.9 -5921.5	2217	11.0	90218.1 -5920.5	2307	10.0	91243.2 -5924.1	2397	10.0	92335.2 -5921.7
2128	10.8	85003.7 -5904.0	2218	10.3	90220.2 -5925.5	2308	10.0	91250.3 -5954.8	2398	9.3	92353.8 -5959.2
2129	10.8	85010.0 -5902.0	2219	10.0	90220.8 -5932.5	2309	11.0	91253.7 -5904.3	2399	8.3	92358.6 -5941.9
2130	10.3	85024.2 -5919.5	2220	10.5	90224.1 -5910.2	2310	11.0	91255.5 -5942.0	2400	10.0	92400.9 -5943.7
2131	10.5	85031.8 -5911.3	2221	10.5	90229.5 -5959.5	2311	11.0	91257.2 -5944.0	2401	10.0	92417.0 -5920.7
2132	10.3	85032.2 -5936.0	2222	10.3	90235.5 -5957.5	2312	10.0	91316.3 -5922.0	2402	10.0	92418.8 -5933.9
2133	11.0	85037.5 -5945.5	2223	8.5	90236.6 -5900.6	2313	11.0	91319.2 -5943.0	2403	9.9	92444.7 -5941.9
2134	10.8	85048.3 -5910.0	2224	11.0	90251.4 -5946.5	2314	10.3	91321.7 -5919.2	2404	11.0	92505.9 -5904.5
2135	10.3	85048.8 -5928.3	2225	11.0	90251.7 -5906.8	2315	10.0	91328.3 -5926.0	2405	8.1	92510.0 -5928.2
2136	5.6	85056.7 -5952.6	2226	8.5	90301.9 -5902.0	2316	9.8	91332.7 -5945.7	2406	10.0	92529.0 -5947.6
2137	9.4	85101.9 -5938.7	2227	10.0	90309.4 -5944.5	2317	9.9	91343.2 -5930.0	2407	10.0	92535.9 -5957.4
2138	9.0	85110.8 -5940.8	2228	9.7	90309.7 -5950.3	2318	8.8	91350.1 -5924.3	2408	8.5	92536.5 -5953.6
2139	10.5	85134.2 -5915.3	2229	11.0	90310.9 -5938.5	2319	9.1	91350.1 -5921.6	2409	10.3	92536.7 -5904.0
2140	9.9	85143.9 -5944.5	2230	11.0	90311.0 -5946.5	2320	9.2	91409.1 -5904.3	2410	10.8	92633.9 -5915.0
2141	10.0	85148.2 -5953.8	2231	10.8	90321.9 -5936.0	2321	9.9	91413.1 -5900.2	2411	10.0	92640.1 -5944.6
2142	11.0	85148.9 -5917.9	2232	10.3	90332.0 -5928.5	2322	10.0	91429.1 -5943.4	2412	10.0	92643.3 -5937.6
2143	8.7	85149.4 -5904.6	2233	10.0	90332.1 -5911.6	2323	10.5	91429.7 -5904.2	2413	10.0	92705.6 -5924.6
2144	9.9	85152.4 -5944.7	2234	10.3	90334.8 -5927.7	2324	10.0	91432.1 -5920.0	2414	10.3	92710.4 -5903.0
2145	9.9	85158.3 -5952.3	2235	11.0	90342.2 -5903.6	2325	10.0	91435.1 -5958.4	2415	10.0	92712.9 -5939.6
2146	10.8	85159.3 -5902.7	2236	10.5	90342.9 -5936.5	2326	10.0	91435.5 -5950.0	2416	10.0	92717.6 -5940.6
2147	10.0	85204.7 -5934.7	2237	10.5	90347.3 -5906.6	2327	9.8	91443.5 -5916.4	2417	10.0	92719.4 -5926.6
2148	10.0	85228.6 -5909.5	2238	7.4	90347.6 -5945.6	2328	7.9	91501.9 -5906.3	2418	10.0	92724.6 -5924.6
2149	10.8	85322.8 -5909.9	2239	10.5	90349.8 -5910.6	2329	10.0	91502.5 -5932.0	2419	10.0	92727.8 -5926.6
2150	7.1	85324.7 -5959.5	2240	10.5	90356.8 -5949.4	2330	9.7	91522.5 -5948.4	2420	7.8	92735.0 -5953.8
2151	9.4	85333.6 -5916.8	2241	9.6	90402.5 -5900.6	2331	10.0	91526.8 -5947.9	2421	10.0	92736.6 -5948.6
2152	10.0	85338.7 -5934.5	2242	10.5	90407.9 -5908.6	2332	10.0	91535.1 -5940.9	2422	9.4	92740.0 -5921.6
2153	8.7	85340.2 -5950.5	2243	10.5	90418.8 -5959.5	2333	9.7	91544.7 -5915.0	2423	9.6	92752.2 -5902.1
2154	10.0	85341.8 -5932.5	2244	9.1	90457.2 -5932.3	2334	9.4	91550.0 -5917.6	2424	10.0	92757.1 -5934.6
2155	8.9	85345.9 -5902.6	2245	10.5	90502.2 -5939.0	2335	10.0	91553.7 -5943.9	2425	9.8	92803.1 -5949.6
2156	9.2	85351.8 -5926.0	2246	9.4	90502.7 -5943.5	2336	9.5	91558.4 -5916.9	2426	8.5	92804.2 -5938.4
2157	11.0	85403.2 -5900.8	2247	10.0	90507.2 -5904.8	2337	10.0	91620.0 -5950.9	2427	9.9	92805.8 -5928.6
2158	10.8	85411.8 -5918.7	2248	10.8	90508.8 -5956.2	2338	10.0	91624.9 -5932.4	2428	10.0	92815.5 -5948.6
2159	9.7	85421.8 -5932.8	2249	10.5	90517.4 -5916.4	2339	8.1	91657.3 -5957.7	2429	10.0	92821.3 -5924.5
2160	10.5	85432.3 -5909.8	2250	10.5	90521.2 -5920.8	2340	10.0	91708.5 -5931.9	2430	10.0	92823.7 -5914.8
2161	10.3	85434.3 -5957.2	2251	10.1	90526.3 -5933.8	2341	10.8	91710.3 -5916.2	2431	10.5	92839.8 -5908.1
2162	10.3	85437.8 -5955.2	2252	11.0	90529.5 -5902.5	2342	9.6	91713.2 -5921.9	2432	10.0	92843.2 -5920.5
2163	10.3	85453.5 -5908.8	2253	9.3	90530.4 -5949.4	2343	9.7	91719.0 -5915.4	2433	10.0	92847.3 -5923.5
2164	9.5	85507.8 -5942.5	2254	10.0	90541.3 -5959.4	2344	10.0	91724.1 -5941.9	2434	10.0	92855.6 -5953.5
2165	9.5	85509.3 -5939.6	2255	9.9	90548.8 -5934.0	2345	8.2	91725.2 -5951.4	2435	10.8	92856.1 -5912.1
2166	11.0	85509.5 -5933.5	2256	8.7	90553.2 -5902.7	2346	10.3	91728.7 -5918.9	2436	10.0	92859.8 -5955.5
2167	10.5	85517.7 -5907.0	2257	10.5	90559.0 -5908.5	2347	10.3	91733.5 -5908.0	2437	7.5	92905.1 -5958.5
2168	10.5	85524.3 -5910.6	2258	10.8	90559.5 -5905.2	2348	10.0	91759.2 -5933.8	2438	10.8	92939.9 -5918.2
2169	7.2	85532.5 -5915.0	2259	10.0	90608.0 -5932.4	2349	10.0	91824.2 -5952.8	2439	11.0	92945.6 -5949.5
2170	10.8	85541.4 -5916.5	2260	10.5	90618.8 -5919.8	2350	11.0	91829.1 -5908.2	2440	10.0	93004.0 -5957.5
2171	10.5	85549.8 -5917.7	2261	11.0	90623.9 -5908.5	2351	9.4	91833.8 -5944.8	2441	10.0	93007.1 -5920.5
2172	10.5	85559.8 -5941.7	2262	9.6	90628.7 -5930.8	2352	10.8	91834.3 -5927.8	2442	9.6	93010.2 -5932.5
2173	9.3	85559.9 -5947.0	2263	10.8	90637.2 -5929.3	2353	11.0	91843.8 -5913.0	2443	9.9	93013.7 -5938.5
2174	9.9	85601.9 -5938.5	2264	7.9	90640.5 -5959.4	2354	11.3	91850.0 -5901.1	2444	10.0	93013.8 -5956.5
2175	11.0	85609.6 -5944.5	2265	10.5	90648.6 -5945.6	2355	11.0	91851.8 -5911.0	2445	10.0	93049.5 -5944.5
2176	9.2	85610.6 -5901.8	2266	11.0	90656.6 -5903.5	2356	10.5	91853.5 -5905.8	2446	9.6	93101.3 -5950.5
2177	10.5	85619.2 -5953.5	2267	10.8	90659.3 -5918.5	2357	9.3	91900.4 -5955.8	2447	10.0	93102.3 -5936.5
2178	10.5	85631.8 -5912.5	2268	10.5	90700.2 -5901.1	2358	10.0	91910.8 -5932.8	2448	9.6	93112.6 -5914.1
2179	9.3	85635.3 -5933.5	2269	10.3	90701.1 -5946.5	2359	9.2	91924.8 -5943.8	2449	10.0	93114.1 -5946.5
2180	10.5	85636.8 -5910.4	2270	10.0	90717.7 -5941.7	2360	11.0	91927.6 -5908.2	2450	10.0	93121.2 -5932.5

-59 2451 9h31m

-59 2810 9h58m

2451	10.0	93127.1	-5945.3	2541	10.0	94304.4	-5902.0	2631	9.2	95307.5	-5926.8
2452	10.0	93133.2	-5923.5	2542	9.5	94308.6	-5919.2	2632	9.7	95313.6	-5918.3
2453	10.5	93135.4	-5903.1	2543	10.5	94331.7	-5909.0	2633	10.0	95315.8	-5958.0
2454	10.0	93138.8	-5927.5	2544	9.7	94336.0	-5916.1	2634	9.4	95317.8	-5918.3
2455	9.4	93152.6	-5919.2	2545	10.5	94340.7	-5910.0	2635	11.0	95318.0	-5932.0
2456	10.0	93236.3	-5956.0	2546	9.9	94341.8	-5925.0	2636	11.0	95323.5	-5955.8
2457	10.0	93237.3	-5950.4	2547	10.0	94342.6	-5932.9	2637	9.9	95328.6	-5913.6
2458	10.3	93246.6	-5907.1	2548	10.0	94345.4	-5914.0	2638	11.0	95338.5	-5950.0
2459	9.4	93246.9	-5930.2	2549	10.0	94347.5	-5948.1	2639	11.0	95340.5	-5921.0
2460	9.4	93249.3	-5926.4	2550	10.0	94351.7	-5949.1	2640	8.9	95342.5	-5906.6
2461	11.3	93253.4	-5900.1	2551	10.0	94359.2	-5926.1	2641	10.7	95353.8	-5942.0
2462	10.0	93253.4	-5942.4	2552	10.0	94406.1	-5935.1	2642	11.0	95353.8	-5915.0
2463	10.5	93300.5	-5919.8	2553	10.0	94411.2	-5941.1	2643	10.5	95400.6	-5954.8
2464	9.9	93300.6	-5924.4	2554	10.0	94421.4	-5901.9	2644	9.9	95401.7	-5921.9
2465	10.0	93303.0	-5950.4	2555	9.5	94423.6	-5930.8	2645	9.6	95410.0	-5904.6
2466	9.8	93304.3	-5918.2	2556	10.3	94433.0	-5916.0	2646	10.1	95412.8	-5958.8
2467	9.6	93306.5	-5909.1	2557	8.7	94437.8	-5937.1	2647	10.6	95414.0	-5926.4
2468	10.0	93314.8	-5959.2	2558	10.3	94441.0	-5905.9	2648	10.8	95414.5	-5935.6
2469	9.1	93345.0	-5935.4	2559	10.0	94449.5	-5940.1	2649	11.0	95421.0	-5951.1
2470	7.5	93355.2	-5919.2	2560	10.0	94455.1	-5947.8	2650	10.0	95424.4	-5920.8
2471	9.4	93358.4	-5913.9	2561	7.8	94458.7	-5933.1	2651	8.5	95424.5	-5927.5
2472	9.4	93404.6	-5949.2	2562	10.0	94508.6	-5952.1	2652	9.6	95426.4	-5918.3
2473	10.8	93410.0	-5904.1	2563	10.0	94510.2	-5937.6	2653	11.0	95436.3	-5914.9
2474	10.0	93414.2	-5922.2	2564	10.0	94512.2	-5934.6	2654	11.0	95440.5	-5915.2
2475	10.0	93422.6	-5915.9	2565	9.5	94518.1	-5911.9	2655	11.3	95441.0	-5939.1
2476	10.5	93423.0	-5900.1	2566	10.3	94518.2	-5915.9	2656	11.5	95447.5	-5947.9
2477	9.9	93442.3	-5928.8	2567	9.9	94537.7	-5934.8	2657	10.5	95447.7	-5937.8
2478	11.0	93443.5	-5902.9	2568	10.3	94540.9	-5902.9	2658	9.5	95447.8	-5929.5
2479	10.0	93448.0	-5917.4	2569	9.9	94541.5	-5934.2	2659	11.8	95451.5	-5939.4
2480	9.6	93457.5	-5942.4	2570	10.0	94544.5	-5943.0	2660	9.4	95502.6	-5930.8
2481	10.0	93503.7	-5935.8	2571	10.0	94549.6	-5944.0	2661	8.3	95504.5	-5906.6
2482	10.0	93506.7	-5957.3	2572	9.9	94550.3	-5915.0	2662	11.5	95507.0	-5914.5
2483	10.0	93511.4	-5931.3	2573	8.3	94553.0	-5941.0	2663	11.5	95513.0	-5917.1
2484	10.3	93514.1	-5920.7	2574	10.0	94602.8	-5941.0	2664	10.8	95522.0	-5908.0
2485	9.9	93518.6	-5949.0	2575	10.0	94611.8	-5926.0	2665	10.7	95522.5	-5942.8
2486	9.2	93534.9	-5904.1	2576	10.0	94618.8	-5925.0	2666	11.3	95523.5	-5931.6
2487	9.7	93551.3	-5958.2	2577	9.1	94620.9	-5925.5	2667	11.8	95524.0	-5919.5
2488	10.0	93613.5	-5939.3	2578	9.9	94621.7	-5939.5	2668	9.7	95529.6	-5943.8
2489	11.3	93620.6	-5901.1	2579	10.3	94630.3	-5913.9	2669	10.5	95530.4	-5902.6
2490	10.0	93631.7	-5952.3	2580	9.8	94635.8	-5949.8	2670	9.5	95533.0	-5907.6
2491	10.0	93635.9	-5921.3	2581	10.0	94636.7	-5915.9	2671	11.5	95536.0	-5944.2
2492	10.8	93650.6	-5910.1	2582	9.7	94639.1	-5949.2	2672	9.9	95540.5	-5918.1
2493	10.0	93702.1	-5936.3	2583	7.5	94652.6	-5956.8	2673	9.5	95553.2	-5935.7
2494	10.5	93713.0	-5911.9	2584	10.5	94659.0	-5900.9	2674	11.5	95553.5	-5941.7
2495	10.0	93732.8	-5928.3	2585	9.4	94708.4	-5901.9	2675	11.5	95554.0	-5916.0
2496	10.0	93736.6	-5955.3	2586	9.5	94713.3	-5914.7	2676	8.0	95554.7	-5937.7
2497	10.0	93745.1	-5953.3	2587	10.0	94716.7	-5940.0	2677	11.5	95558.0	-5916.9
2498	10.0	93759.2	-5959.3	2588	10.0	94719.6	-5933.0	2678	11.3	95559.0	-5914.0
2499	9.9	93813.4	-5921.6	2589	9.6	94723.0	-5913.8	2679	9.6	95559.5	-5948.7
2500	10.0	93815.4	-5938.3	2590	8.9	94733.8	-5945.0	2680	10.0	95559.6	-5934.6
2501	9.6	93825.1	-5916.7	2591	10.0	94741.3	-5950.0	2681	11.5	95600.0	-5950.1
2502	9.0	93829.8	-5958.8	2592	10.0	94742.7	-5948.0	2682	7.8	95603.0	-5953.9
2503	8.6	93831.2	-5901.1	2593	10.5	94753.8	-5908.9	2683	12.0	95604.0	-5936.1
2504	9.3	93841.1	-5943.2	2594	8.6	94807.1	-5951.0	2684	9.7	95607.6	-5943.7
2505	9.9	93850.0	-5917.1	2595	9.3	94813.3	-5921.1	2685	11.0	95609.0	-5950.0
2506	10.0	93852.1	-5915.5	2596	9.9	94836.2	-5922.7	2686	11.5	95611.0	-5951.2
2507	9.2	93852.3	-5931.2	2597	10.0	94838.1	-5918.0	2687	11.0	95613.0	-5913.8
2508	10.0	93856.0	-5955.2	2598	10.0	94848.1	-5921.9	2688	9.3	95614.5	-5908.6
2509	9.0	93907.9	-5944.9	2599	9.7	94850.2	-5938.5	2689	10.0	95617.3	-5959.7
2510	10.0	93912.3	-5949.2	2600	9.8	94851.0	-5949.9	2690	11.5	95617.5	-5929.6
2511	9.7	93919.6	-5952.6	2601	10.3	94854.5	-5907.8	2691	12.0	95620.8	-5957.8
2512	9.7	93920.8	-5954.2	2602	10.8	94859.5	-5903.8	2692	12.0	95622.0	-5926.3
2513	9.8	93921.7	-5922.2	2603	10.0	94905.5	-5947.9	2693	12.0	95622.0	-5941.0
2514	9.1	93925.7	-5933.4	2604	9.7	94920.3	-5929.2	2694	9.2	95622.3	-5923.8
2515	10.5	93928.1	-5914.0	2605	9.7	94923.3	-5933.3	2695	11.5	95623.0	-5942.1
2516	9.8	93935.2	-5922.8	2606	10.0	94934.4	-5942.9	2696	11.0	95625.0	-5959.0
2517	7.7	93935.9	-5927.2	2607	10.0	94937.2	-5943.9	2697	9.9	95630.0	-5923.6
2518	10.8	93946.3	-5906.0	2608	8.9	94958.6	-5911.8	2698	9.6	95631.6	-5921.7
2519	10.5	93951.9	-5910.0	2609	10.0	95002.8	-5915.9	2699	11.0	95633.0	-5930.9
2520	8.8	93959.6	-5951.2	2610	10.0	95021.5	-5915.4	2700	9.3	95633.4	-5903.6
2521	9.9	94013.7	-5922.0	2611	10.0	95051.5	-5914.9	2701	12.0	95634.0	-5922.4
2522	9.9	94019.8	-5925.2	2612	9.9	95054.6	-5901.8	2702	11.3	95634.0	-5929.7
2523	7.9	94023.4	-5917.8	2613	10.0	95057.9	-5952.9	2703	12.0	95634.5	-5915.6
2524	9.5	94031.3	-5927.0	2614	9.2	95105.0	-5914.4	2704	11.5	95637.0	-5932.0
2525	10.0	94046.8	-5916.2	2615	10.0	95106.4	-5905.8	2705	11.0	95639.5	-5914.7
2526	10.0	94049.7	-5943.2	2616	9.8	95119.7	-5937.6	2706	11.0	95641.0	-5920.0
2527	9.8	94101.4	-5901.0	2617	10.0	95127.3	-5932.9	2707	9.2	95641.0	-5934.6
2528	10.0	94103.6	-5954.2	2618	9.6	95131.7	-5920.9	2708	12.0	95644.0	-5934.1
2529	9.5	94104.0	-5903.0	2619	9.8	95134.2	-5941.9	2709	11.0	95644.5	-5921.1
2530	9.8	94104.3	-5933.3	2620	10.0	95138.4	-5918.8	2710	10.3	95646.8	-5928.0
2531	9.4	94105.3	-5925.2	2621	11.0	95214.2	-5909.7	2711	8.3	95656.3	-5937.6
2532	10.0	94120.2	-5935.2	2622	10.0	95217.6	-5946.4	2712	10.4	95656.5	-5918.9
2533	10.0	94146.1	-5941.2	2623	10.0	95223.5	-5955.9	2713	9.1	95657.5	-5922.2
2534	10.0	94149.4	-5923.1	2624	10.0	95227.2	-5933.8	2714	10.0	95700.5	-5907.6
2535	10.3	94149.9	-5911.0	2625	9.5	95230.6	-5910.7	2715	11.8	95700.5	-5929.4
2536	10.0	94157.4	-5930.1	2626	10.0	95234.4	-5902.7	2716	11.5	95703.5	-5918.4
2537	9.6	94242.7	-5935.9	2627	9.8	95258.0	-5904.7	2717	10.5	95704.0	-5920.0
2538	9.8	94242.9	-5919.1	2628	10.5	95304.6	-5955.8	2718	8.6	95704.5	-5908.6
2539	10.0	94246.7	-5958.1	2629	9.9	95305.8	-5921.8	2719	11.0	95704.5	-5923.9
2540	10.3	94259.6	-5919.5	2630	9.9	95306.3	-5956.8	2720	11.5	95704.5	-5933.0
2721	8.4	95705.6	-5941.6								
2722	8.9	95706.0	-5943.6								
2723	11.5	95706.0	-5953.9								
2724	10.0	95710.6	-5912.1								
2725	12.0	95712.5	-5930.5								
2726	12.0	95712.5	-5935.1								
2727	11.5	95712.5	-5937.7								
2728	11.5	95717.5	-5921.2								
2729	9.6	95720.1	-5944.7								
2730	9.3	95720.4	-5950.7								
2731	11.5	95720.5	-5935.1								
2732	11.0	95721.0	-5933.7								
2733	11.0	95721.5	-5945.9								
2734	10.8	95722.5	-5947.6								
2735	11.5	95723.0	-5923.0								
2736	11.5	95724.0	-5934.0								
2737	9.4	95725.0	-5904.0								
2738	10.0	95726.4	-5900.6								
2739	10.5	95727.6	-5933.7								
2740	11.0	95728.0	-5931.1								
2741	9.5	95729.8	-5927.7								
2742	11.5	95732.5	-5922.3								
2743	11.8	95732.5	-5920.0								
2744	11.5	95734.0	-5949.0								
2745	9.1	95734.9	-5944.7								
2746	8.4	95742.1	-5930.7								
2747	11.5	95743.0	-5928.8								
2748	9.4	95743.3	-5915.2								
2749	11.5	95745.0	-5930.0								
2750	11.5	95746.2	-5937.7								
2751	11.3	95746.5	-5927.5								
2752	11.5	95748.0	-5947.0								
2753	12.0	95749.5	-5927.4								
2754	11.5	95750.2	-5922.1								
2755	8.6	95751.5	-5922.8								
2756	11.0	95755.5	-5924.4								
2757	9.5	95757.3	-5928.7								
2758	11.3	95757.8	-5917.6								
2759	9.3	95759.0	-5924.7								
2760	11.0	95759.5	-5950.9								
2761	10.5	95800.0	-5931.9								
2762	10.8	95800.5	-5925.0								
2763	6.3	95801.6	-5948.7								
2764	11.5	95802.5	-5919.7								
2765	12.0	95803.0	-5923.6								
2766	11.0	95805.5	-5921.2								
2767	11.5	95806.0	-5919.2								
2768	12.0	95810.5	-5916.3								
2769	12.0	95812.0	-5926.7								
2770	11.5	95814.0	-5921.1								
2771	11.5	95814.6	-5943.7								
2772	9.6	95814.7	-5933.7								
2773	11.5	95816.5	-5934.7								
2774	10.3	95817.0	-5926.1								
2775	12.0	95817.5	-5929.0								
2776	10.3	95819.3	-5932.7								
2777	12.0	95819.5	-5939.0								
2778	11.5	95819.5	-5927.7								
2779	12.0	95819.5	-5917.2								
2780	9.5	95819.5	-5924.0								
2781	12.0	95821.0	-5919.5								
2782	10.3	95821.0	-5923.7								
2783	9.5	95822.0	-5924.2								
2784	12.0	95822.5	-5936.5								
2785	10.5	95826.0	-5937.1								
2786	10.0	95826.6	-5905.5								
2787	12.0	95829.5	-5926.5								
2788	12.0	95829.5	-5925.0								
2789	8.9	95830.3	-5916.7								
2790	9.9	95834.1	-5911.5								
2791	11.0	95835.0	-5918.3								
2792	11.0	95835.2	-5942.7								
2793	9.5	95835.3	-5932.7								
2794	12.0	95835.5	-5926.5								
2795	11.5	95836.0	-5914.2								
2796	9.1	95838.0	-5921.7								
2797	10.5	95840.5	-5932.9								
2798	12.0	95842.5	-5936.7								
2799	10.5	95842.8	-5952.7								
2800	10.3	95842.8	-5953.7								
2801	11.0	95844.5	-5928.9								
2802	11.0	95844.5	-5914.3								
2803	9.0	95846.5	-5921.2								
2804	9.4	95846.8	-5913.8								
2805	11.0	95854.3	-5913.9								
2806	12.0	95856.5	-5925.3								
2807	11.5	95856.5	-5926.0								
2808	9.5	95857.0	-5937.7								
2809	10.8	95858.0	-5928.5								
2810	6.5	95859.2	-5934.7								

2811	10.5	95859.7	-5937.7	2901	9.5	100223.6	-5909.4	2991	10.0	101220.8	-5933.4	3081	9.9	102132.7	-5933.6
2812	12.0	95901.5	-5929.0	2902	20.0	100231.7	-5942.5	2992	10.5	101245.6	-5946.3	3082	10.5	102133.8	-5909.0
2813	12.0	95905.0	-5923.4	2903	10.0	100241.4	-5900.4	2993	10.0	101245.6	-5911.3	3083	9.4	102137.7	-5943.6
2814	11.5	95905.0	-5933.0	2904	9.7	100301.1	-5918.5	2994	9.4	101249.4	-5902.3	3084	10.3	102153.3	-5940.6
2815	8.5	95905.8	-5913.8	2905	9.4	100303.4	-5923.5	2995	9.8	101256.5	-5908.3	3085	10.5	102159.5	-5918.2
2816	11.0	95906.0	-5927.9	2906	10.3	100331.2	-5942.5	2996	10.3	101256.8	-5957.3	3086	9.3	102201.5	-5947.6
2817	11.0	95906.0	-5933.9	2907	10.0	100333.9	-5923.5	2997	10.3	101308.0	-5908.3	3087	8.5	102203.0	-5920.8
2818	11.0	95906.5	-5947.2	2908	10.5	100334.3	-5930.5	2998	10.5	101319.9	-5938.3	3088	9.6	102213.5	-5926.6
2819	10.5	95906.6	-5951.7	2909	10.8	100348.0	-5908.4	2999	10.3	101319.9	-5936.3	3089	10.0	102213.6	-5910.0
2820	10.0	95907.5	-5906.5	2910	9.4	100353.1	-5917.5	3000	9.7	101321.6	-5945.3	3090	9.7	102221.9	-5902.0
2821	11.0	95909.5	-5918.0	2911	10.3	100400.2	-5943.5	3001	9.7	101333.6	-5913.3	3091	10.5	102225.4	-5932.0
2822	12.0	95909.5	-5934.7	2912	9.7	100408.0	-5915.5	3002	9.5	101337.3	-5938.8	3092	10.5	102233.5	-5958.6
2823	11.5	95912.0	-5920.9	2913	10.3	100408.4	-5903.4	3003	10.0	101343.7	-5933.8	3093	9.5	102237.1	-5921.7
2824	11.5	95912.5	-5926.8	2914	10.0	100409.0	-5908.4	3004	9.8	101350.6	-5911.3	3094	10.3	102240.7	-5956.6
2825	10.8	95913.8	-5913.8	2915	10.8	100412.9	-5910.4	3005	10.3	101356.5	-5917.8	3095	10.5	102254.0	-5918.0
2826	11.0	95914.0	-5921.0	2916	9.6	100416.7	-5939.0	3006	10.0	101358.4	-5900.3	3096	9.5	102255.8	-5940.6
2827	9.6	95914.1	-5944.6	2917	9.4	100421.7	-5934.5	3007	10.5	101402.2	-5927.8	3097	10.5	102256.1	-5911.0
2828	10.1	95916.5	-5930.4	2918	9.3	100427.1	-5910.4	3008	10.0	101416.2	-5914.2	3098	8.9	102256.3	-5918.6
2829	8.6	95919.0	-5920.6	2919	9.1	100431.8	-5917.2	3009	9.8	101422.6	-5913.2	3099	9.2	102308.4	-5913.6
2830	11.0	95919.0	-5937.0	2920	10.5	100436.7	-5905.4	3010	10.5	101423.0	-5918.8	3100	9.2	102314.6	-5953.6
2831	11.5	95919.0	-5940.8	2921	10.3	100459.0	-5913.5	3011	10.0	101427.8	-5938.8	3101	9.9	102321.8	-5933.6
2832	11.5	95919.5	-5943.0	2922	9.6	100502.3	-5924.5	3012	10.0	101428.6	-5909.2	3102	10.3	102322.6	-5920.6
2833	11.5	95922.0	-5924.4	2923	8.5	100503.6	-5948.5	3013	9.2	101430.7	-5947.8	3103	10.3	102325.1	-5921.6
2834	10.0	95922.6	-5910.5	2924	10.0	100508.0	-5918.5	3014	10.5	101431.3	-5912.2	3104	9.9	102325.8	-5944.6
2835	10.5	95923.8	-5928.6	2925	10.0	100508.2	-5939.0	3015	10.5	101437.5	-5917.8	3105	9.5	102351.1	-5920.6
2836	11.0	95927.5	-5922.2	2926	9.9	100510.4	-5924.0	3016	9.1	101438.0	-5908.2	3106	10.3	102354.8	-5934.6
2837	11.0	95927.5	-5934.7	2927	10.3	100514.8	-5950.5	3017	9.6	101459.5	-5956.8	3107	9.6	102404.6	-5944.6
2838	11.0	95928.5	-5926.4	2928	10.0	100517.6	-5947.5	3018	9.4	101523.5	-5907.2	3108	10.5	102406.2	-5957.6
2839	11.0	95929.0	-5928.2	2929	9.8	100540.9	-5923.5	3019	8.5	101546.9	-5915.7	3109	10.5	102410.5	-5920.6
2840	11.0	95929.5	-5923.9	2930	10.5	100542.2	-5915.4	3020	7.5	101549.5	-5902.2	3110	10.3	102417.3	-5942.6
2841	9.4	95931.0	-5936.3	2931	9.2	100548.2	-5935.5	3021	10.5	101553.8	-5941.7	3111	8.6	102429.4	-5927.6
2842	11.0	95932.5	-5924.6	2932	9.5	100554.3	-5927.5	3022	10.0	101557.7	-5914.2	3112	9.2	102433.0	-5907.0
2843	10.5	95933.1	-5909.5	2933	9.7	100555.3	-5954.5	3023	9.9	101559.1	-5917.4	3113	10.5	102440.5	-5906.0
2844	10.5	95933.5	-5914.2	2934	9.4	100601.5	-5944.5	3024	8.0	101602.9	-5949.7	3114	9.4	102442.8	-5957.6
2845	11.0	95934.8	-5958.7	2935	10.5	100605.2	-5941.5	3025	9.9	101607.5	-5902.3	3115	10.0	102444.1	-5951.6
2846	11.0	95935.5	-5959.4	2936	9.5	100614.3	-5957.5	3026	7.7	101609.4	-5901.2	3116	9.7	102448.3	-5941.6
2847	11.0	95936.0	-5922.1	2937	10.3	100616.3	-5956.5	3027	9.5	101609.9	-5936.7	3117	9.6	102503.7	-5933.6
2848	8.5	95937.5	-5935.7	2938	10.5	100625.5	-5915.4	3028	10.0	101621.1	-5911.1	3118	10.0	102507.3	-5941.6
2849	11.0	95938.0	-5936.8	2939	9.5	100629.6	-5948.5	3029	10.3	101633.3	-5940.7	3119	9.4	102525.7	-5926.6
2850	9.0	95938.0	-5934.1	2940	9.6	100653.0	-5907.4	3030	10.0	101634.2	-5928.7	3120	8.7	102526.7	-5917.3
2851	11.0	95939.6	-5948.6	2941	9.6	100706.5	-5905.4	3031	10.5	101655.0	-5932.7	3121	9.7	102534.6	-5947.1
2852	9.0	95940.8	-5926.6	2942	9.6	100708.8	-5958.5	3032	10.3	101701.5	-5923.7	3122	9.0	102543.0	-5907.0
2853	9.5	95943.1	-5944.6	2943	9.3	100709.6	-5921.5	3033	10.3	101703.6	-5917.4	3123	9.7	102548.6	-5912.0
2854	10.5	95944.6	-5943.6	2944	9.9	100711.9	-5922.5	3034	9.6	101710.6	-5940.7	3124	9.7	102549.0	-5938.6
2855	10.5	95946.0	-5944.2	2945	9.1	100713.5	-5907.4	3035	9.9	101721.8	-5937.7	3125	9.3	102552.0	-5943.6
2856	9.4	95947.3	-5915.2	2946	9.5	100724.6	-5913.4	3036	9.8	101730.6	-5918.0	3126	10.0	102552.2	-5926.6
2857	9.0	95947.6	-5959.6	2947	9.2	100724.8	-5916.4	3037	9.9	101731.2	-5918.0	3127	9.8	102615.1	-5940.6
2858	8.8	95949.5	-5926.9	2948	9.5	100737.9	-5924.4	3038	10.5	101733.9	-5900.0	3128	9.6	102619.2	-5931.6
2859	9.8	95949.5	-5918.9	2949	9.7	100739.3	-5928.4	3039	9.5	101737.6	-5949.7	3129	10.8	102621.7	-5954.6
2860	9.5	95951.0	-5931.1	2950	9.6	100743.5	-5923.4	3040	8.9	101743.2	-5932.7	3130	9.2	102633.0	-5913.8
2861	12.0	95951.5	-5932.0	2951	10.5	100753.3	-5909.4	3041	7.9	101756.5	-5907.0	3131	10.0	102634.2	-5930.6
2862	10.0	95952.0	-5928.2	2952	10.3	100754.2	-5935.4	3042	10.5	101757.1	-5922.7	3132	9.0	102638.1	-5912.9
2863	9.3	95954.3	-5932.6	2953	9.5	100801.8	-5931.4	3043	10.0	101803.6	-5915.7	3133	10.5	102642.2	-5920.6
2864	11.0	95956.0	-5933.1	2954	9.0	100805.0	-5919.9	3044	8.0	101828.7	-5900.0	3134	10.0	102659.9	-5900.9
2865	11.0	95956.5	-5931.5	2955	10.3	100816.0	-5916.3	3045	9.7	101832.4	-5903.0	3135	9.4	102707.3	-5938.5
2866	11.0	95957.0	-5938.9	2956	9.9	100824.0	-5904.4	3046	10.5	101833.8	-5943.7	3136	10.5	102726.9	-5933.5
2867	9.7	95958.0	-5939.6	2957	9.3	100847.0	-5920.4	3047	10.5	101834.9	-5941.7	3137	9.7	102733.0	-5906.9
2868	11.0	100002.5	-5919.9	2958	6.5	100848.3	-5918.4	3048	10.5	101836.0	-5937.7	3138	10.0	102735.3	-5902.9
2869	11.3	100005.0	-5914.2	2959	10.5	100915.1	-5907.4	3049	9.0	101849.0	-5930.7	3139	10.5	102737.6	-5948.5
2870	9.2	100005.0	-5916.5	2960	8.0	100928.6	-5938.4	3050	9.6	101849.1	-5914.3	3140	9.0	102739.1	-5912.9
2871	9.5	100007.4	-5936.6	2961	10.3	100929.3	-5933.4	3051	9.4	101903.4	-5905.0	3141	10.5	102741.4	-5959.5
2872	11.0	100013.0	-5925.2	2962	10.0	100932.3	-5958.0	3052	10.0	101912.6	-5944.7	3142	10.5	102752.2	-5933.5
2873	11.0	100014.0	-5946.9	2963	10.3	100936.3	-5955.4	3053	10.5	101925.1	-5947.7	3143	8.2	102752.7	-5913.9
2874	11.0	100019.0	-5925.6	2964	10.8	100940.5	-5907.4	3054	8.7	101931.0	-5941.7	3144	10.3	102758.3	-5935.5
2875	11.0	100020.0	-5926.5	2965	9.6	100959.0	-5908.4	3055	10.5	101935.7	-5925.7	3145	10.1	102802.3	-5943.5
2876	11.0	100026.5	-5924.5	2966	9.4	101005.4	-5930.4	3056	10.5	101952.5	-5950.7	3146	9.6	102804.3	-5940.5
2877	9.2	100027.5	-5932.0	2967	9.7	101013.3	-5927.4	3057	10.5	101957.6	-5922.7	3147	10.5	102807.2	-5931.5
2878	11.0	100029.5	-5937.7	2968	9.8	101013.9	-5903.4	3058	8.0	102000.3	-5933.7	3148	9.8	102807.2	-5926.5
2879	10.5	100032.3	-5954.6	2969	10.5	101023.6	-5915.4	3059	9.6	102003.2	-5919.7	3149	9.0	102817.6	-5909.9
2880	9.6	100038.2	-5942.6	2970	9.5	101026.4	-5901.4	3060	10.3	102008.1	-5949.7	3150	7.5	102822.9	-5927.5
2881	10.0	100043.7	-5940.6	2971	9.6	101029.6	-5945.0	3061	10.5	102008.6	-5921.7	3151	10.5	102828.4	-5920.5
2882	10.5	100049.5	-5918.6	2972	10.0	101030.6	-5914.4	3062	10.5	102012.0	-5904.0	3152	8.5	102830.5	-5907.9
2883	10.5	100050.4	-5921.6	2973	10.3	101037.6	-5948.4	3063	10.0	102014.4	-5920.7	3153	10.5	102831.3	-5940.5
2884	9.6	100055.1	-5949.6	2974	10.3	101044.2	-5942.4	3064	9.5	102017.6	-5913.0	3154	9.1	102837.0	-5907.9
2885	9.4	100104.2	-5938.6	2975	10.5	101049.1	-5913.4	3065	8.7	102024.1	-5910.0	3155	10.8	102847.4	-5941.5
2886	9.2	100104.4	-5926.6	2976	9.8	101050.1	-5910.4	3066	10.3	102024.1	-5944.7	3156	10.0	102851.2	-5956.5
2887	10.0	100112.3	-5955.6	2977	9.7	101057.5	-5905.4	3067	9.6	102027.6	-5909.0	3157	9.3	102854.8	-5928.5
2888	10.8	100117.1	-5913.5	2978	10.5	101109.1	-5946.0	3068	10.0	102036.7	-5956.7	3158	9.5	102904.4	-5915.7
2889	9.0	100129.0	-5918.0	2979	10.5	101117.8	-5956.4	3069	9.9	102037.3	-5936.7	3159	9.3	102940.3	-5910.9
2890	9.1	100129.0	-5927.5	2980	9.7	101123.5	-5907.8	3070	10.5	102042.0	-5928.7	3160	10.0	102944.9	-5952.5
2891	10.5	100130.9	-5900.5	2981	9.3	101129.2	-5900.4	3071	10.0	102049.6	-5912.0	3161	9.0	102944.9	-5922.5
2892	9.5	100135.4	-5923.6	2982	10.0	101132.6	-5946.4	3072	10.5	102053.3	-5915.7	3162	10.0	103003.5	-5905.9
2893	9.0	100141.1	-5942.6	2983	9.9	101134.0	-5904.4	3073	10.0	102053.9	-5905.0	3163	8.4	103005.9	-5937.5
2894	9.2	100144.3	-5930.6	2984	10.3	101135.3	-5925.4	3074	10.3	102057.0	-5918.7	3164	9.3	103006.1	-5915.7
2895	9.6	100146.6	-5953.6	2985	9.6	101138.4	-5935.4	3075	9.6	102057.9	-5943.6	3165	9.5	103012.0	-5933.5
2896	9.5	100157.5	-5908.4	2986	7.1	101147.6	-5916.9	3076	10.5	102102.5	-5918.6	3166	8.6	103012.5	-5932.5
2897	9.4	100207.9	-5920.5	2987	9.1	101201.0	-5924.4	3077	9.6	102104.1	-5910.0	3167	9.7	103029.6	-5917.0
2898	9.5	100217.7	-5941.5	2988	10.0	101206.0	-5908.4	3078	9.5	102110.7	-5942.6	3168	10.0	103032.2	-5933.5
2899	9.5	100221.6	-5909.4	2989	10.0	101207.2	-5938.4	3079	9.9	102114.1	-5911.0	3169	10.0	103035.8	-5936.4
2900	10.5	100221.9	-5923.5	2990	10.3	101211.2	-5901.4	3080	10.3	102115.1	-5953.6	3170	10.0	103055.5	-5928.9

3171	9.6	103106.4	-5928.5	3261	11.8	103845.5	-5936.9	3351	9.0	104419.7	-5931.2
3172	10.0	103108.5	-5930.0	3262	6.0	103847.4	-5955.3	3352	9.0	104422.8	-5903.3
3173	9.6	103113.5	-5929.4	3263	10.8	103852.5	-5915.9	3353	11.0	104424.7	-5925.2
3174	8.3	103113.7	-5923.5	3264	9.4	103856.6	-5941.3	3354	9.5	104425.8	-5903.9
3175	10.0	103116.5	-5930.3	3265	9.7	103856.7	-5914.0	3355	10.0	104431.0	-5909.9
3176	9.7	103121.5	-5916.5	3266	10.0	103857.0	-5909.5	3356	11.0	104431.1	-5921.2
3177	8.0	103131.6	-5931.5	3267	11.5	103859.5	-5926.4	3357	10.0	104432.0	-5913.3
3178	9.7	103138.2	-5958.5	3268	11.0	103902.0	-5918.3	3358	8.8	104433.9	-5938.2
3179	10.0	103143.0	-5928.2	3269	10.5	103902.1	-5945.3	3359	10.8	104442.1	-5949.2
3180	9.9	103143.0	-5958.8	3270	11.5	103902.2	-5924.3	3360	9.2	104446.2	-5930.2
3181	9.4	103224.1	-5920.5	3271	10.8	103902.8	-5917.8	3361	10.3	104456.6	-5923.2
3182	9.9	103228.1	-5921.0	3272	7.2	103904.8	-5927.3	3362	10.3	104503.6	-5950.2
3183	10.3	103251.1	-5918.4	3273	11.0	103909.2	-5932.3	3363	10.0	104510.3	-5900.9
3184	9.8	103252.0	-5919.4	3274	10.8	103910.0	-5926.0	3364	10.5	104515.7	-5928.2
3185	10.0	103252.3	-5935.4	3275	11.0	103910.8	-5943.3	3365	8.8	104523.0	-5958.2
3186	8.9	103258.1	-5923.4	3276	11.3	103911.9	-5957.3	3366	9.7	104523.2	-5931.2
3187	10.0	103304.7	-5928.4	3277	9.6	103912.2	-5927.3	3367	10.5	104524.3	-5943.2
3188	10.5	103306.0	-5926.1	3278	9.5	103912.2	-5926.3	3368	7.9	104531.0	-5919.0
3189	8.9	103314.6	-5922.4	3279	9.0	103912.8	-5912.9	3369	10.0	104535.5	-5911.9
3190	9.1	103319.9	-5929.4	3280	11.0	103913.0	-5943.7	3370	10.0	104538.0	-5910.9
3191	8.4	103328.2	-5954.4	3281	9.5	103917.8	-5920.1	3371	10.8	104548.5	-5928.0
3192	10.0	103338.1	-5920.4	3282	8.5	103922.3	-5904.0	3372	9.6	104553.7	-5925.2
3193	9.4	103341.8	-5927.4	3283	10.3	103922.5	-5916.3	3373	9.8	104559.0	-5911.9
3194	10.0	103352.6	-5919.4	3284	9.0	103922.6	-5923.3	3374	7.3	104602.3	-5918.0
3195	8.9	103426.2	-5941.4	3285	10.0	103925.9	-5905.0	3375	9.7	104606.1	-5927.2
3196	10.3	103429.2	-5958.0	3286	9.7	103927.0	-5920.7	3376	11.0	104614.7	-5955.2
3197	9.9	103434.2	-5933.4	3287	7.3	103934.2	-5920.3	3377	10.5	104615.8	-5941.2
3198	9.6	103447.8	-5943.4	3288	9.1	103937.5	-5901.8	3378	11.0	104617.2	-5943.2
3199	10.5	103453.7	-5957.0	3289	9.6	103937.7	-5933.3	3379	10.3	104618.3	-5938.2
3200	10.0	103459.1	-5923.4	3290	9.4	103939.0	-5913.8	3380	8.0	104623.4	-5904.9
3201	10.3	103509.5	-5900.1	3291	9.3	103941.9	-5918.5	3381	11.0	104623.7	-5933.6
3202	10.3	103521.7	-5933.4	3292	10.5	103943.2	-5926.3	3382	10.8	104642.6	-5947.2
3203	10.0	103522.2	-5928.0	3293	9.5	103943.8	-5904.5	3383	11.0	104653.2	-5957.2
3204	8.5	103528.4	-5909.1	3294	8.5	103945.3	-5904.4	3384	9.8	104700.6	-5901.9
3205	10.0	103529.0	-5917.4	3295	9.0	103947.5	-5926.3	3385	10.0	104708.6	-5950.2
3206	9.3	103531.6	-5950.4	3296	10.5	103948.1	-5922.3	3386	9.3	104712.5	-5918.0
3207	9.6	103531.6	-5949.4	3297	9.3	103948.5	-5915.0	3387	11.0	104718.1	-5952.6
3208	8.7	103538.0	-5918.3	3298	9.8	103950.6	-5910.0	3388	10.0	104720.8	-5942.2
3209	9.2	103544.3	-5903.6	3299	10.8	103951.7	-5924.3	3389	10.8	104724.6	-5953.2
3210	10.3	103545.1	-5917.4	3300	9.4	103952.9	-5908.0	3390	9.8	104731.5	-5917.8
3211	9.1	103547.5	-5907.6	3301	9.0	103956.3	-5915.5	3391	10.8	104752.6	-5951.2
3212	9.9	103554.7	-5926.4	3302	10.5	103958.5	-5918.3	3392	11.0	104803.2	-5918.2
3213	10.3	103601.5	-5927.5	3303	9.0	103958.9	-5904.7	3393	10.0	104803.8	-5900.9
3214	10.5	103605.0	-5911.1	3304	9.5	104005.8	-5916.3	3394	10.8	104806.6	-5922.2
3215	10.0	103606.0	-5914.5	3305	8.8	104008.0	-5916.6	3395	9.4	104811.3	-5950.2
3216	10.0	103619.8	-5938.4	3306	8.2	104013.3	-5902.0	3396	9.6	104823.1	-5947.2
3217	10.5	103624.4	-5958.4	3307	8.8	104014.8	-5901.0	3397	10.0	104824.4	-5907.6
3218	9.4	103626.5	-5948.0	3308	9.5	104021.8	-5905.0	3398	10.0	104829.5	-5912.1
3219	7.8	103629.0	-5918.8	3309	10.3	104023.5	-5957.0	3399	10.0	104830.0	-5909.5
3220	9.1	103630.6	-5944.4	3310	10.0	104026.3	-5904.0	3400	10.3	104831.2	-5943.2
3221	7.2	103631.3	-5901.8	3311	10.3	104027.5	-5915.3	3401	9.5	104842.0	-5911.0
3222	10.5	103637.1	-5949.0	3312	10.0	104030.3	-5903.0	3402	11.5	104847.5	-5947.2
3223	9.8	103637.6	-5951.4	3313	9.6	104042.1	-5946.3	3403	11.0	104853.7	-5926.2
3224	9.8	103644.0	-5917.4	3314	10.3	104044.5	-5918.0	3404	8.2	104907.1	-5941.2
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3226	10.0	103651.5	-5911.0	3316	10.0	104116.0	-5912.0	3406	9.7	104914.6	-5946.2
3227	9.8	103708.5	-5902.0	3317	9.9	104123.6	-5920.3	3407	9.7	104925.7	-5942.2
3228	10.0	103709.0	-5916.6	3318	7.3	104129.3	-5957.3	3408	9.8	104927.0	-5911.8
3229	10.0	103712.6	-5911.0	3319	9.2	104130.6	-5921.3	3409	9.0	104928.9	-5955.2
3230	9.5	103713.6	-5949.4	3320	10.0	104137.8	-5910.0	3410	10.0	104930.7	-5933.2
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3232	9.2	103716.7	-5929.4	3322	9.8	104141.7	-5925.3	3412	9.6	104938.2	-5927.2
3233	9.7	103719.8	-5914.0	3323	10.0	104142.0	-5910.7	3413	10.0	104944.0	-5917.2
3234	9.1	103722.2	-5915.2	3324	10.0	104143.8	-5940.3	3414	8.1	104948.9	-5912.9
3235	9.8	103724.5	-5935.3	3325	9.8	104202.2	-5925.3	3415	9.6	104953.7	-5933.2
3236	9.5	103724.6	-5918.9	3326	9.5	104217.9	-5907.9	3416	10.5	105001.6	-5944.1
3237	9.8	103739.6	-5950.4	3327	8.6	104219.2	-5955.3	3417	10.0	105016.4	-5904.8
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3239	9.6	103750.5	-5920.0	3329	10.3	104222.5	-5958.5	3419	6.7	105018.2	-5951.0
3240	10.5	103750.6	-5923.4	3330	10.3	104224.5	-5926.0	3420	9.8	105020.9	-5905.8
3241	9.1	103754.9	-5933.4	3331	9.6	104229.2	-5933.3	3421	9.8	105023.5	-5910.8
3242	9.9	103756.5	-5945.8	3332	10.8	104237.1	-5944.3	3422	10.0	105031.2	-5904.3
3243	9.0	103757.5	-5915.2	3333	10.0	104239.0	-5908.1	3423	9.0	105040.1	-5948.1
3244	9.0	103759.0	-5913.5	3334	10.5	104240.0	-5933.8	3424	10.0	105042.3	-5903.4
3245	9.1	103800.2	-5932.4	3335	8.2	104249.1	-5958.3	3425	8.6	105057.8	-5942.8
3246	8.9	103805.6	-5923.4	3336	7.0	104251.0	-5912.9	3426	9.3	105103.3	-5950.1
3247	9.1	103806.1	-5948.4	3337	10.8	104307.3	-5943.3	3427	8.8	105104.2	-5943.1
3248	9.6	103808.4	-5919.2	3338	9.7	104308.1	-5945.3	3428	9.5	105104.4	-5907.8
3249	9.3	103816.4	-5912.0	3339	6.6	104312.1	-5915.4	3429	9.2	105108.0	-5915.8
3250	9.0	103821.6	-5955.4	3340	9.4	104322.5	-5959.6	3430	7.8	105110.7	-5947.8
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3252	9.8	103823.9	-5905.0	3342	9.0	104336.4	-5904.9	3432	8.4	105122.5	-5922.0
3253	10.0	103828.5	-5912.0	3343	10.3	104339.5	-5918.3	3433	9.0	105133.1	-5951.1
3254	8.7	103828.7	-5932.4	3344	7.7	104344.8	-5933.3	3434	11.5	105138.6	-5953.1
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3260	10.3	103845.0	-5924.0	3350	9.5	104414.5	-5913.9	3440	9.3	105203.4	-5907.8
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3447	10.3	105242.1	-5953.1								
3448	7.5	105244.3	-5903.8								
3449	10.8	105308.2	-5940.1								
3450	10.8	105309.0	-5916.6								
3451	11.0	105318.2	-5928.1								
3452	11.0	105327.5	-5918.1								
3453	9.6	105336.8	-5941.1								
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3455	10.0	105351.9	-5907.4								
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3457	8.5	105400.6	-5917.9								
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3459	8.3	105413.0	-5931.8								
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3461	9.8	105421.7	-5955.1								
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3464	9.0	105448.8	-5903.8								
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3467	10.5	105505.9	-5950.1								
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3489	8.6	105636.3	-5939.0								
3490	10.0	105641.6	-5915.0								
3491	9.1	105643.3	-5920.0								
3492	9.8	105646.5	-5914.0								
3493	10.0	105648.5	-5903.7								
3494	9.3	105702.8	-5941.5								
3495	9.7	105704.6	-5952.0								
3496	8.8	105710.9	-5907.7								
3497	9.4	105713.1	-5942.3								
3498	9.1	105715.0	-5950.0								
3499	9.5	105724.8	-5915.0								
3500	9.5	105728.0	-5913.7								
3501	9.2	105734.5	-5912.3								
3502	7.6	105735.3	-5904.1								
3503	9.9	105740.2	-5931.5								
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3505	9.9	105743.0	-5930.0								
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3507	9.5	105758.6	-5943.0								
3508	9.6	105809.2	-5955.0								
3509	10.8	105820.2	-5932.5								
3510	9.2	105820.8	-5916.8								
3511	9.0	105825.1	-5919.0								
3512	11.0	105829.0	-5940.0								
3513	10.8	105829.6	-5921.0								
3514	10.3	105831.6	-5946.0								
3515	8.9	105835.8	-5955.0								
3516	10.5	105836.1	-5959.0								
3517	9.1	105842.3	-5937.5								
3518	10.5	105845.3	-5930.0								
3519	9.5	105856.4	-5908.7								
3520	10.5	105857.4	-5959.0								
3521	9.5	105912.3	-5937.0								
3522	8.0	105912.5	-5911.8								
3523	8.8	105912.9	-5907.7								
3524	9.0	105913.3	-5904.4								
3525	9.4	105915.6	-5945.0								
3526	9.6	105916.9	-5906.7								
3527	8.9	105919.5	-5915.9								
3528	10.3	105920.0	-5953.6								
3529	10.5	105922.7	-5933.0								
3530	8.9	105937.9	-5959.0								

3531	9.3	105938.0	-5951.0	3621	10.0	110756.2	-5930.0	3711	9.5	111749.1	-5953.0	3801	9.5	112702.9	-5953.5
3532	9.1	105942.1	-5952.0	3622	10.0	110759.1	-5944.0	3712	9.5	111809.0	-5947.6	3802	9.5	112706.3	-5927.5
3533	7.0	105944.5	-5910.7	3623	8.5	110806.7	-5925.0	3713	9.8	111824.3	-5938.0	3803	9.0	112708.8	-5935.5
3534	9.8	105948.2	-5949.0	3624	10.3	110809.9	-5938.0	3714	10.3	111825.9	-5905.3	3804	9.7	112715.4	-5908.9
3535	9.0	105949.2	-5924.0	3625	10.8	110826.6	-5953.0	3715	9.0	111835.9	-5913.0	3805	9.5	112719.4	-5938.5
3536	8.0	105949.6	-5902.7	3626	10.8	110844.0	-5918.0	3716	8.8	111846.9	-5907.3	3806	9.3	112726.3	-5903.9
3537	8.3	105954.5	-5917.1	3627	10.5	110848.3	-5936.0	3717	10.5	111847.9	-5908.3	3807	8.8	112727.9	-5922.5
3538	9.2	105955.9	-5908.7	3628	10.8	110848.5	-5919.0	3718	8.7	111849.1	-5952.0	3808	9.7	112745.8	-5903.6
3539	10.5	110024.8	-5935.0	3629	9.5	110856.1	-5922.0	3719	9.5	111858.8	-5942.0	3809	10.5	112748.0	-5912.9
3540	10.0	110026.5	-5901.7	3630	9.5	110917.0	-5959.0	3720	11.5	111902.5	-5910.3	3810	10.5	112748.1	-5915.4
3541	11.0	110032.6	-5949.0	3631	10.8	110919.8	-5941.0	3721	9.5	111904.2	-5930.0	3811	9.5	112755.3	-5954.5
3542	9.2	110037.9	-5917.9	3632	10.8	110928.7	-5954.0	3722	9.3	111921.0	-5912.3	3812	10.0	112803.2	-5959.5
3543	11.0	110051.2	-5935.0	3633	10.8	110929.1	-5953.0	3723	10.0	111944.1	-5920.0	3813	10.8	112804.3	-5908.9
3544	7.2	110051.5	-5916.3	3634	9.6	110937.0	-5911.5	3724	10.8	111953.0	-5900.3	3814	9.1	112812.3	-5930.5
3545	11.0	110053.8	-5939.0	3635	8.6	110941.9	-5926.0	3725	9.5	111955.2	-5926.0	3815	9.8	112822.3	-5949.5
3546	10.5	110056.8	-5951.0	3636	9.1	110948.1	-5921.0	3726	9.0	112002.5	-5930.0	3816	10.3	112836.0	-5910.9
3547	9.6	110101.9	-5958.0	3637	9.2	110949.0	-5910.5	3727	9.8	112015.4	-5958.0	3817	9.8	112844.7	-5958.5
3548	9.0	110131.8	-5902.4	3638	8.1	110949.3	-5928.5	3728	10.0	112016.3	-5955.0	3818	10.5	112845.8	-5904.4
3549	9.2	110131.8	-5933.9	3639	9.5	110954.1	-5948.0	3729	9.8	112029.2	-5917.8	3819	9.5	112851.8	-5927.5
3550	9.0	110135.5	-5910.7	3640	9.2	111009.0	-5950.0	3730	10.0	112031.0	-5951.0	3820	10.3	112857.5	-5903.8
3551	9.2	110146.6	-5952.9	3641	10.8	111012.8	-5934.0	3731	9.8	112032.7	-5956.0	3821	10.5	112917.8	-5929.5
3552	8.5	110148.9	-5906.7	3642	10.0	111018.2	-5928.0	3732	9.5	112038.0	-5913.1	3822	9.8	112925.7	-5944.5
3553	10.8	110156.2	-5937.9	3643	10.8	111027.8	-5939.0	3733	9.8	112043.2	-5927.0	3823	9.9	112933.4	-5931.5
3554	7.8	110159.0	-5911.7	3644	10.0	111032.1	-5922.0	3734	10.0	112045.0	-5930.6	3824	9.6	112942.7	-5931.5
3555	8.9	110203.4	-5908.6	3645	9.8	111033.8	-5941.4	3735	9.2	112046.6	-5946.0	3825	9.6	112944.5	-5933.5
3556	9.5	110203.4	-5947.9	3646	9.8	111042.0	-5917.0	3736	9.5	112119.6	-5950.0	3826	10.0	112945.0	-5946.5
3557	8.3	110216.8	-5917.2	3647	10.5	111043.1	-5915.9	3737	8.5	112125.5	-5913.0	3827	11.3	112946.1	-5916.8
3558	9.4	110220.4	-5905.6	3648	10.0	111046.1	-5921.2	3738	8.8	112127.8	-5956.0	3828	11.0	112948.8	-5951.5
3559	9.6	110226.4	-5957.9	3649	10.0	111047.1	-5918.1	3739	8.5	112141.5	-5916.0	3829	10.8	112954.3	-5946.5
3560	9.9	110233.1	-5945.9	3650	9.8	111048.1	-5921.0	3740	9.2	112147.2	-5951.0	3830	9.6	113006.0	-5910.8
3561	8.9	110247.7	-5932.9	3651	8.9	111102.2	-5953.0	3741	10.0	112156.2	-5931.0	3831	9.6	113011.5	-5911.4
3562	9.8	110253.0	-5917.2	3652	10.3	111126.5	-5911.5	3742	11.0	112200.7	-5907.3	3832	7.5	113022.1	-5919.6
3563	8.4	110254.7	-5933.9	3653	9.6	111134.8	-5901.5	3743	11.0	112201.6	-5908.3	3833	10.8	113031.8	-5934.5
3564	9.4	110255.0	-5917.1	3654	9.3	111146.9	-5905.5	3744	9.2	112202.3	-5903.3	3834	10.8	113033.3	-5946.5
3565	10.0	110303.4	-5908.6	3655	8.6	111208.7	-5945.0	3745	7.0	112204.6	-5948.0	3835	9.5	113035.9	-5904.8
3566	9.7	110328.2	-5928.3	3656	10.0	111208.9	-5908.5	3746	9.9	112207.1	-5930.6	3836	10.5	113048.4	-5904.8
3567	9.2	110329.8	-5941.9	3657	11.0	111222.2	-5926.0	3747	9.0	112207.7	-5933.0	3837	8.5	113101.0	-5912.7
3568	9.7	110341.9	-5906.9	3658	10.0	111223.6	-5947.0	3748	9.5	112215.3	-5924.0	3838	10.5	113101.9	-5922.5
3569	9.7	110343.7	-5931.4	3659	10.5	111227.7	-5956.4	3749	9.2	112218.2	-5928.0	3839	11.0	113108.3	-5903.8
3570	10.0	110346.0	-5941.9	3660	10.5	111235.9	-5907.4	3750	9.5	112219.3	-5946.0	3840	10.3	113109.8	-5951.3
3571	9.3	110353.4	-5937.9	3661	9.8	111236.4	-5932.0	3751	10.0	112224.5	-5959.0	3841	10.8	113123.5	-5914.1
3572	10.0	110354.1	-5921.4	3662	9.8	111238.6	-5919.0	3752	9.8	112232.3	-5938.0	3842	10.5	113126.0	-5959.5
3573	9.4	110359.7	-5959.9	3663	10.3	111239.0	-5909.0	3753	10.0	112238.0	-5924.3	3843	7.3	113142.2	-5940.5
3574	9.8	110406.7	-5926.9	3664	9.8	111239.3	-5942.0	3754	9.0	112246.2	-5956.0	3844	10.3	113145.3	-5950.5
3575	9.9	110411.6	-5951.3	3665	10.0	111248.3	-5941.0	3755	11.0	112250.0	-5901.2	3845	10.5	113157.8	-5901.8
3576	9.6	110412.5	-5934.9	3666	9.2	111253.3	-5956.0	3756	10.0	112252.0	-5911.2	3846	9.6	113200.3	-5944.3
3577	9.9	110419.1	-5950.9	3667	9.5	111258.8	-5936.0	3757	9.8	112253.1	-5945.0	3847	10.8	113205.8	-5900.8
3578	9.5	110425.7	-5953.9	3668	8.5	111302.3	-5933.0	3758	9.8	112304.6	-5921.0	3848	11.0	113209.0	-5922.5
3579	9.7	110429.6	-5918.5	3669	10.8	111315.4	-5903.7	3759	9.7	112306.0	-5911.2	3849	9.9	113216.1	-5919.8
3580	9.5	110432.1	-5947.9	3670	9.5	111316.1	-5948.0	3760	10.0	112312.0	-5948.9	3850	10.8	113220.0	-5933.5
3581	9.9	110432.7	-5953.9	3671	10.0	111319.2	-5933.0	3761	9.0	112313.2	-5958.0	3851	9.7	113222.8	-5927.5
3582	8.1	110443.5	-5924.9	3672	10.0	111328.5	-5933.1	3762	9.5	112313.7	-5933.0	3852	11.0	113224.4	-5908.5
3583	10.0	110446.0	-5910.1	3673	10.8	111347.1	-5917.4	3763	9.5	112313.7	-5927.0	3853	9.5	113224.9	-5904.2
3584	8.0	110447.7	-5934.9	3674	10.5	111354.0	-5913.4	3764	9.3	112317.4	-5957.0	3854	8.0	113228.1	-5958.5
3585	10.3	110505.2	-5933.9	3675	9.0	111358.0	-5953.0	3765	9.0	112318.7	-5918.8	3855	9.1	113228.5	-5954.5
3586	9.6	110506.3	-5935.9	3676	10.0	111402.1	-5946.0	3766	9.8	112318.7	-5947.0	3856	9.4	113228.6	-5956.5
3587	9.0	110513.2	-5953.9	3677	10.0	111406.6	-5920.0	3767	9.2	112335.2	-5933.0	3857	9.2	113233.0	-5932.5
3588	7.5	110523.2	-5942.2	3678	10.0	111407.0	-5918.2	3768	10.0	112337.1	-5945.0	3858	10.3	113246.4	-5942.5
3589	10.3	110524.3	-5937.4	3679	9.5	111422.7	-5939.0	3769	10.3	112341.5	-5910.2	3859	10.3	113247.0	-5901.7
3590	9.9	110543.4	-5948.2	3680	8.8	111427.6	-5936.0	3770	9.5	112342.6	-5916.6	3860	10.5	113248.2	-5920.5
3591	9.1	110544.2	-5938.2	3681	9.8	111431.6	-5950.0	3771	9.1	112355.6	-5949.0	3861	10.0	113251.3	-5946.5
3592	10.5	110552.2	-5954.2	3682	9.5	111433.2	-5925.0	3772	9.5	112405.2	-5930.0	3862	9.5	113305.5	-5911.7
3593	9.7	110554.2	-5958.0	3683	11.0	111434.8	-5901.8	3773	9.5	112408.0	-5921.0	3863	9.8	113334.0	-5915.6
3594	11.0	110554.5	-5918.2	3684	11.5	111444.6	-5907.4	3774	8.8	112420.9	-5954.0	3864	8.9	113335.3	-5905.0
3595	10.0	110555.7	-5919.1	3685	10.8	111449.7	-5919.4	3775	10.3	112426.0	-5910.2	3865	8.7	113348.8	-5928.5
3596	9.5	110557.5	-5914.2	3686	9.8	111502.0	-5919.0	3776	8.5	112428.0	-5920.5	3866	9.4	113350.4	-5941.5
3597	8.5	110603.3	-5908.1	3687	9.0	111504.9	-5954.0	3777	8.0	112433.3	-5950.0	3867	10.5	113355.4	-5907.7
3598	9.5	110608.0	-5957.2	3688	9.3	111512.7	-5950.0	3778	10.3	112435.7	-5901.2	3868	10.0	113414.2	-5941.7
3599	9.3	110612.2	-5958.6	3689	11.5	111512.9	-5907.4	3779	9.5	112437.8	-5936.0	3869	10.8	113415.5	-5915.5
3600	9.4	110612.2	-5930.2	3690	8.5	111518.5	-5949.0	3780	8.8	112442.1	-5920.0	3870	9.4	113418.4	-5921.5
3601	9.1	110612.5	-5942.2	3691	7.0	111525.3	-5928.0	3781	10.5	112456.3	-5903.5	3871	11.0	113418.9	-5906.7
3602	8.5	110617.2	-5902.6	3692	9.8	111543.1	-5951.8	3782	8.4	112501.6	-5920.1	3872	10.8	113425.0	-5902.7
3603	11.0	110617.2	-5955.2	3693	9.0	111543.7	-5951.0	3783	7.3	112507.7	-5938.0	3873	10.0	113428.9	-5924.5
3604	8.3	110619.3	-5946.2	3694	9.5	111549.4	-5906.4	3784	9.0	112517.2	-5933.0	3874	8.9	113433.0	-5959.5
3605	7.3	110620.1	-5937.6	3695	10.8	111552.3	-5901.4	3785	9.5	112518.0	-5910.5	3875	10.8	113435.0	-5942.5
3606	8.6	110620.8	-5945.2	3696	9.0	111605.0	-5949.0	3786	8.8	112521.1	-5920.0	3876	8.7	113437.9	-5947.5
3607	9.6	110631.2	-5956.0	3697	9.6	111612.5	-5917.2	3787	8.5	112532.1	-5924.0	3877	9.5	113440.5	-5943.5
3608	9.7	110634.0	-5900.3	3698	9.7	111614.0	-5910.4	3788	9.2	112538.3	-5937.0	3878	10.5	113449.5	-5918.4
3609	10.5	110655.8	-5947.0	3699	8.5	111617.6	-5918.2	3789	8.3	112547.3	-5958.0	3879	11.0	113505.3	-5900.7
3610	8.3	110702.9	-5942.0	3700	10.0	111627.5	-5953.0	3790	9.8	112555.6	-5947.0	3880	8.7	113505.3	-5955.5
3611	5.0	110713.4	-5938.0	3701	9.2	111632.7	-5933.0	3791	7.5	112603.2	-5954.5	3881	8.6	113514.8	-5917.6
3612	10.0	110717.7	-5919.5	3702	10.0	111636.7	-5954.0	3792	9.0	112603.2	-5950.2	3882	10.5	113521.8	-5931.5
3613	7.5	110720.8	-5900.5	3703	9.5	111644.1	-5921.0	3793	10.0	112605.5	-5923.9	3883	8.6	113526.1	-5915.7
3614	9.3	110729.6	-5947.0	3704	9.0	111646.7	-5955.0	3794	8.6	112614.3	-5902.9	3884	10.5	113527.5	-5959.1
3615	9.9	110736.1	-5945.0	3705	9.8	111649.7	-5917.0	3795	10.5	112614.3	-5907.9	3885	9.3	113528.0	-5910.7
3616	10.0	110736.2	-5928.0	3706	9.0	111718.5	-5903.3	3796	10.0	112626.0	-5906.5	3886	10.5	113531.7	-5936.5
3617	9.7	110738.6	-5923.0	3707	10.0	111721.9	-5905.0	3797	10.0	112629.9	-5905.9	3887	9.1	113531.8	-5903.7
3618	9.5	110749.7	-5957.0	3708	9.0	111729.6	-5950.0	3798	7.3	112645.8	-5901.2	3888	10.5	113535.7	-5938.5
3619	10.8	110750.0	-5915.0	3709	10.0	111734.6	-5920.0	3799	9.0	112651.3	-5948.5	3889	9.5	113545.0	-5931.5
3620	10.5	110754.3	-5934.0	3710	9.6	111745.4	-5906.0	3800	8.0	112658.0	-5919.5	3890	11.0	113556.3	-5949.5

-59 3891 11h35m

-59 4250 12h18m

3891	7.5	113556.5	-5931.5	3981	9.5	114440.5	-5918.5	4071	9.8	115512.8	-5949.5
3892	11.0	113600.9	-5923.0	3982	9.8	114442.5	-5911.8	4072	11.0	115516.0	-5915.7
3893	11.0	113605.0	-5900.1	3983	10.0	114449.3	-5927.5	4073	9.0	115533.6	-5917.3
3894	9.6	113614.8	-5931.5	3984	7.3	114454.9	-5928.5	4074	10.0	115541.3	-5939.9
3895	10.5	113623.3	-5946.5	3985	9.5	114504.8	-5928.5	4075	9.8	115553.2	-5938.0
3896	10.0	113632.3	-5934.5	3986	9.6	114508.5	-5948.5	4076	8.4	115559.7	-5917.0
3897	9.0	113632.8	-5959.5	3987	10.3	114511.5	-5901.1	4077	9.5	115600.7	-5957.0
3898	9.5	113638.0	-5917.5	3988	9.4	114524.0	-5922.5	4078	10.0	115602.8	-5902.1
3899	7.6	113639.4	-5943.5	3989	9.9	114541.3	-5954.5	4079	9.9	115611.0	-5916.2
3900	9.9	113649.3	-5959.5	3990	10.0	114541.7	-5935.5	4080	9.5	115615.0	-5919.0
3901	9.3	113655.4	-5922.5	3991	9.6	114549.8	-5931.5	4081	9.8	115618.0	-5922.0
3902	9.3	113700.8	-5957.5	3992	9.6	114550.0	-5917.2	4082	9.5	115626.1	-5929.0
3903	8.5	113704.6	-5914.8	3993	9.9	114550.6	-5949.5	4083	8.5	115647.8	-5941.0
3904	9.9	113708.4	-5922.5	3994	9.6	114555.7	-5902.1	4084	10.0	115708.5	-5912.1
3905	10.0	113708.5	-5920.3	3995	9.8	114558.8	-5915.8	4085	8.8	115710.0	-5948.0
3906	8.5	113708.9	-5907.2	3996	9.5	114600.2	-5950.5	4086	9.2	115720.3	-5903.1
3907	10.8	113714.0	-5909.4	3997	10.5	114603.7	-5939.5	4087	9.8	115727.2	-5955.0
3908	9.5	113720.7	-5939.5	3998	10.0	114608.6	-5906.0	4088	9.5	115727.9	-5905.1
3909	10.8	113729.6	-5915.6	3999	9.8	114618.4	-5905.0	4089	10.0	115758.2	-5957.0
3910	8.6	113735.2	-5926.5	4000	10.3	114620.3	-5948.5	4090	10.0	115804.5	-5908.1
3911	9.0	113745.8	-5924.5	4001	10.3	114623.0	-5918.9	4091	10.0	115810.0	-5912.1
3912	10.0	113754.2	-5942.5	4002	9.7	114625.7	-5937.5	4092	9.3	115825.7	-5944.0
3913	8.6	113755.4	-5918.8	4003	9.0	114632.1	-5951.0	4093	8.6	115826.2	-5941.0
3914	8.8	113805.0	-5946.5	4004	8.6	114645.2	-5917.4	4094	9.8	115830.8	-5951.0
3915	9.0	113807.7	-5957.0	4005	11.0	114648.8	-5903.8	4095	8.5	115831.4	-5909.7
3916	10.5	113809.2	-5952.5	4006	9.7	114654.0	-5941.0	4096	9.6	115847.2	-5918.9
3917	10.0	113815.8	-5901.6	4007	11.0	114702.5	-5911.3	4097	10.0	115907.8	-5912.2
3918	10.0	113816.0	-5913.6	4008	11.5	114705.9	-5908.3	4098	9.0	115909.8	-5904.2
3919	9.6	113822.5	-5918.3	4009	9.6	114709.5	-5917.1	4099	10.0	115924.7	-5941.0
3920	11.0	113834.0	-5924.5	4010	9.6	114714.7	-5941.5	4100	10.0	115934.0	-5900.1
3921	7.5	113841.1	-5942.0	4011	11.0	114723.0	-5946.5	4101	10.0	115947.6	-5914.1
3922	10.3	113843.2	-5941.0	4012	8.6	114729.1	-5934.0	4102	9.8	115948.8	-5951.0
3923	9.0	113859.8	-5921.5	4013	9.8	114734.5	-5953.5	4103	10.0	115959.3	-5950.0
3924	10.5	113919.0	-5913.6	4014	10.5	114740.5	-5913.3	4104	10.0	120017.8	-5903.7
3925	11.5	113919.8	-5900.6	4015	9.4	114750.0	-5949.1	4105	9.9	120019.7	-5944.0
3926	8.9	113928.9	-5950.5	4016	9.5	114751.0	-5917.9	4106	10.0	120020.2	-5955.0
3927	10.3	113938.2	-5935.5	4017	9.6	114754.5	-5932.5	4107	10.0	120021.8	-5929.0
3928	9.7	113938.8	-5925.5	4018	10.0	114755.5	-5942.5	4108	10.0	120023.5	-5918.3
3929	10.0	113952.3	-5928.5	4019	10.8	114822.0	-5957.5	4109	10.0	120030.7	-5937.0
3930	11.5	113955.0	-5918.0	4020	8.7	114832.0	-5959.5	4110	10.0	120030.7	-5958.0
3931	9.5	113958.0	-5949.5	4021	10.8	114837.0	-5957.5	4111	10.0	120036.8	-5950.0
3932	10.5	114008.2	-5941.5	4022	9.6	114841.9	-5951.5	4112	10.0	120038.8	-5917.9
3933	10.8	114011.8	-5950.5	4023	9.4	114847.7	-5936.5	4113	9.9	120054.6	-5914.9
3934	11.3	114022.9	-5921.5	4024	9.8	114858.5	-5927.2	4114	9.8	120056.8	-5916.0
3935	9.0	114027.9	-5931.5	4025	9.2	114905.2	-5914.9	4115	10.0	120101.8	-5949.0
3936	11.3	114032.7	-5942.5	4026	9.3	114909.8	-5942.5	4116	10.0	120103.0	-5934.0
3937	9.6	114034.3	-5915.0	4027	8.2	114910.4	-5918.6	4117	10.0	120105.8	-5950.0
3938	11.3	114047.2	-5941.5	4028	9.3	114925.3	-5953.5	4118	9.8	120127.8	-5904.1
3939	9.5	114047.3	-5903.5	4029	9.5	114927.6	-5956.7	4119	9.4	120130.8	-5914.1
3940	11.0	114054.2	-5941.5	4030	9.8	114941.7	-5935.5	4120	10.0	120131.5	-5945.0
3941	11.0	114055.2	-5946.5	4031	9.7	114942.0	-5915.4	4121	9.9	120202.0	-5916.0
3942	9.9	114058.6	-5951.5	4032	8.5	114947.5	-5930.5	4122	10.1	120211.2	-5901.4
3943	9.9	114106.5	-5955.5	4033	9.2	114948.3	-5949.5	4123	10.1	120212.4	-5920.4
3944	8.3	114112.9	-5921.5	4034	9.8	114951.3	-5953.5	4124	9.2	120214.0	-5913.4
3945	10.8	114115.9	-5906.5	4035	9.8	114957.5	-5933.9	4125	10.0	120214.2	-5940.1
3946	8.1	114128.5	-5956.1	4036	11.5	115015.0	-5902.0	4126	10.0	120221.2	-5911.4
3947	10.8	114132.3	-5903.5	4037	10.0	115022.5	-5920.5	4127	10.0	120225.2	-5908.4
3948	8.3	114133.5	-5924.5	4038	10.5	115031.0	-5900.3	4128	8.9	120242.9	-5948.1
3949	10.5	114142.5	-5939.5	4039	9.5	115033.8	-5927.5	4129	10.0	120246.2	-5936.1
3950	8.9	114152.2	-5951.5	4040	8.9	115037.9	-5907.9	4130	7.3	120251.8	-5904.4
3951	10.8	114155.3	-5931.5	4041	11.0	115048.4	-5907.3	4131	9.7	120305.7	-5944.7
3952	9.8	114156.3	-5915.5	4042	10.0	115118.7	-5917.5	4132	9.8	120325.2	-5939.3
3953	10.3	114223.2	-5938.0	4043	7.5	115129.1	-5945.3	4133	9.6	120330.2	-5944.2
3954	10.0	114225.0	-5929.0	4044	9.5	115138.4	-5922.5	4134	9.8	120343.3	-5905.6
3955	11.0	114225.6	-5920.5	4045	9.5	115141.8	-5934.5	4135	10.0	120345.5	-5952.1
3956	10.8	114239.0	-5916.0	4046	9.2	115147.7	-5936.5	4136	10.0	120405.6	-5935.1
3957	11.0	114241.8	-5935.5	4047	9.0	115149.8	-5949.5	4137	9.5	120420.3	-5913.2
3958	11.0	114243.8	-5918.5	4048	7.7	115202.8	-5903.2	4138	10.0	120421.3	-5931.6
3959	9.3	114253.3	-5951.5	4049	9.3	115212.2	-5909.1	4139	10.0	120433.5	-5926.1
3960	10.5	114255.0	-5912.1	4050	9.2	115220.1	-5957.5	4140	9.7	120504.5	-5946.1
3961	10.8	114257.3	-5913.5	4051	9.2	115224.6	-5947.5	4141	10.0	120528.3	-5908.3
3962	10.5	114310.2	-5931.5	4052	9.3	115226.0	-5916.9	4142	10.5	120528.8	-5907.4
3963	10.5	114310.2	-5928.5	4053	9.5	115227.7	-5936.5	4143	10.0	120537.8	-5954.1
3964	9.5	114315.3	-5956.5	4054	10.0	115249.2	-5937.5	4144	9.5	120539.4	-5916.3
3965	7.4	114318.0	-5943.5	4055	9.2	115308.3	-5952.5	4145	9.4	120540.0	-5938.8
3966	10.5	114330.9	-5950.5	4056	10.0	115308.8	-5927.5	4146	10.8	120551.7	-5912.6
3967	9.6	114332.8	-5954.5	4057	9.2	115331.9	-5950.7	4147	6.5	120551.7	-5922.2
3968	10.0	114351.4	-5926.4	4058	9.7	115350.3	-5904.6	4148	10.0	120552.7	-5935.2
3969	9.2	114351.8	-5926.5	4059	9.6	115401.3	-5946.5	4149	8.2	120607.6	-5920.9
3970	9.3	114353.3	-5927.5	4060	9.0	115410.8	-5931.5	4150	9.4	120607.9	-5957.2
3971	9.2	114401.3	-5929.5	4061	8.5	115412.4	-5915.8	4151	10.0	120608.4	-5903.2
3972	11.0	114407.5	-5944.5	4062	9.5	115420.8	-5952.5	4152	10.0	120613.8	-5930.7
3973	9.5	114408.3	-5931.5	4063	9.8	115423.2	-5941.5	4153	10.0	120616.8	-5934.2
3974	10.8	114408.5	-5910.4	4064	11.0	115432.0	-5910.3	4154	10.5	120623.0	-5957.8
3975	9.6	114428.0	-5919.5	4065	11.0	115434.0	-5908.1	4155	10.0	120625.8	-5951.2
3976	9.7	114428.5	-5903.0	4066	10.0	115441.7	-5955.5	4156	10.0	120628.8	-5945.2
3977	11.0	114430.0	-5957.5	4067	9.8	115457.8	-5929.5	4157	10.0	120630.0	-5957.2
3978	9.5	114436.0	-5928.6	4068	9.8	115503.2	-5936.5	4158	10.0	120632.2	-5944.2
3979	9.6	114438.8	-5902.0	4069	9.2	115510.0	-5939.5	4159	9.3	120648.3	-5959.2
3980	10.0	114439.1	-5918.4	4070	10.8	115511.6	-5918.2	4160	9.5	120658.8	-5953.6
4161	10.0	120730.8	-5954.2								
4162	10.5	120733.2	-5917.2								
4163	9.9	120734.8	-5929.2								
4164	10.0	120738.5	-5934.2								
4165	10.0	120740.5	-5943.2								
4166	10.0	120740.8	-5947.2								
4167	8.9	120742.8	-5920.5								
4168	10.5	120744.9	-5914.8								
4169	10.0	120756.2	-5943.2								
4170	10.0	120803.5	-5949.7								
4171	10.0	120810.2	-5937.2								
4172	10.3	120810.8	-5907.6								
4173	10.0	120831.4	-5918.9								
4174	10.0	120832.4	-5915.7								
4175	10.3	120834.9	-5919.9								
4176	10.0	120840.2	-5925.2								
4177	10.0	120853.0	-5942.2								
4178	10.5	120910.3	-5907.1								
4179	10.3	120914.3	-5907.4								
4180	9.1	120925.1	-5919.6								
4181	10.8	120927.0	-5906.2								
4182	10.0	120929.8	-5949.8								
4183	9.4	120930.8	-5950.2								
4184	8.4	120934.8	-5911.4								
4185	9.4	120940.3	-5954.2								
4186	9.6	120940.6	-5911.4								
4187	10.0	121002.2	-5942.2								
4188	11.3	121020.7	-5912.3								
4189	10.0	121020.8	-5928.8								
4190	9.7	121030.9	-5930.3								
4191	9.6	121044.2	-5922.5								
4192	9.0	121047.7	-5940.3								
4193	10.5	121050.3	-5902.2								
4194	10.0	121050.4	-5923.3								
4195	10.0	121102.2	-5941.0								
4196	10.5	121112.5	-5906.6								
4197	10.8	121112.6	-5912.6								
4198	8.9	121121.9	-5959.0								
4199	11.0	121131.3	-5918.6								
4200	9.3	121131.9	-5920.1								
4201	10.8	121140.8	-5904.4								
4202	10.0	121141.2	-5943.3								
4203	11.0	121142.3	-5933.3								
4204	10.3	121144.3	-5954.3								
4205	10.5	121145.3	-5901.6								
4206	8.0	121216.1	-5930.3								
4207	9.2	121224.9	-5904.6								
4208	10.0	121225.2	-5942.3								
4209	10.5	121229.8	-5952.5								
4210	9.3	121243.2	-5921.8								
4211	10.8	121300.9	-5900.6								
4212	9.0	121303.9	-5949.0								
4213	10.5	121317.3	-5930.3								
4214	11.0	121324.2	-5909.6								
4215	9.9	121330.2	-5938.3								
4216	9.6	121337.7	-5912.3								
4217	10.8	121401.5	-5947.7								
4218	10.3	121408.8	-5948.0								
4219	9.6	121413.2	-5951.5								
4220	11.5	121434.4	-5920.4								
4221	3.5	121437.8	-5942.2								
4222	11.0	121445.8	-5948.6								
4223	9.7	121457.3	-5901.3								
4224	9.5	121500.7	-5904.4								
4225	10.8	121529.7	-5931.4								
4226	11.3	121531.2	-5944.4								
4227	10.5	121537.0	-5929.4								
4228	11.0	121540.7	-5905.6								
4229	8.9	121549.2	-5934.4								
4230	10.8	121552.6	-5924.4								
4231	10.5	121626.2	-5957.4								
4232	9.6	121639.7	-5913.3								
4233	11.0	121642.0	-5938.4								
4234	10.8	121700.5	-5922.2								
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4236	10.5	121720.4	-5941.0								
4237	9.4	121724.7	-5938.0								
4238	9.4	121725.0	-5921.4								
4239	8.6	121725.5	-5904.2								
4240	10.8	121746.8	-5919.3								
4241	9.2	121750.8	-5907.6								
4242	11.0	121802.0	-5924.2								
4243	10.0	121814.7	-5923.2								
4244	8.9	121816.2	-5939.4								
4245	11.0	121819.8	-5918.2								
4246	10.3	121828.8	-5908.6								
4247	11.0	121829.8	-5906.6								
4248	11.0	121842.8	-5945.6								
4249	11.5	121851.5	-5950.2								
4250	10.8	121853.5	-5918.1								

-59 4251 12h19m

-59 4610 13h04m

4251	10.5	121928.7	-5924.5	4341	9.9	123214.8	-5947.0	4431	9.7	124350.7	-5941.4
4252	11.0	121938.5	-5913.6	4342	9.6	123215.8	-5906.6	4432	6.0	124354.7	-5938.9
4253	11.0	122008.7	-5914.0	4343	10.3	123219.5	-5929.0	4433	11.0	124405.8	-5910.8
4254	11.0	122042.8	-5928.3	4344	11.0	123238.2	-5910.6	4434	10.0	124413.3	-5948.9
4255	10.8	122057.8	-5953.8	4345	10.8	123243.8	-5903.6	4435	11.5	124416.9	-5947.9
4256	10.0	122110.6	-5920.6	4346	11.0	123259.2	-5942.8	4436	10.8	124420.7	-5914.6
4257	7.8	122112.4	-5920.8	4347	9.6	123315.2	-5908.2	4437	10.5	124426.2	-5913.6
4258	10.0	122127.7	-5922.7	4348	10.0	123315.2	-5941.5	4438	9.9	124428.2	-5943.6
4259	8.6	122132.2	-5941.6	4349	9.9	123316.2	-5935.8	4439	10.5	124436.2	-5956.6
4260	11.5	122135.8	-5900.2	4350	10.8	123316.5	-5928.5	4440	9.6	124436.8	-5951.9
4261	10.0	122137.7	-5923.2	4351	10.5	123317.7	-5922.0	4441	11.0	124503.6	-5916.9
4262	10.5	122141.2	-5924.3	4352	10.3	123327.3	-5929.5	4442	11.3	124510.5	-5944.9
4263	9.7	122144.3	-5906.6	4353	9.4	123333.3	-5907.2	4443	10.5	124511.2	-5937.6
4264	10.0	122204.7	-5943.8	4354	9.9	123343.2	-5911.4	4444	10.5	124513.7	-5939.6
4265	10.5	122220.5	-5950.3	4355	9.3	123356.5	-5903.6	4445	9.8	124526.8	-5952.9
4266	11.0	122221.8	-5904.6	4356	10.5	123359.6	-5933.8	4446	10.8	124527.8	-5941.9
4267	9.5	122225.3	-5905.6	4357	9.6	123405.7	-5938.5	4447	11.5	124532.5	-5936.3
4268	9.5	122234.5	-5932.5	4358	8.7	123415.5	-5906.6	4448	10.8	124535.7	-5918.6
4269	10.5	122236.2	-5923.5	4359	9.7	123426.3	-5949.5	4449	10.0	124538.3	-5901.2
4270	10.0	122254.0	-5929.5	4360	11.5	123435.8	-5909.8	4450	10.5	124541.5	-5919.6
4271	10.0	122255.6	-5933.6	4361	10.0	123444.0	-5919.2	4451	10.3	124544.4	-5945.2
4272	10.5	122256.7	-5915.5	4362	10.5	123450.0	-5918.0	4452	10.3	124548.2	-5946.9
4273	9.3	122301.9	-5909.2	4363	10.5	123452.6	-5934.6	4453	11.0	124552.8	-5929.9
4274	10.8	122305.7	-5943.6	4364	9.4	123459.9	-5958.2	4454	10.8	124554.4	-5942.9
4275	10.8	122321.2	-5941.6	4365	11.3	123507.5	-5939.0	4455	6.0	124556.0	-5939.0
4276	9.6	122334.2	-5955.8	4366	11.3	123507.5	-5916.6	4456	10.8	124559.2	-5935.6
4277	10.5	122343.3	-5954.3	4367	10.8	123512.2	-5933.6	4457	9.8	124601.0	-5931.0
4278	10.5	122347.8	-5948.0	4368	11.0	123520.8	-5947.6	4458	8.3	124611.1	-5940.6
4279	10.8	122400.0	-5929.4	4369	9.7	123531.1	-5907.4	4459	8.5	124615.0	-5939.9
4280	9.7	122402.9	-5917.0	4370	11.5	123556.3	-5915.6	4460	6.6	124622.4	-5940.9
4281	10.8	122405.8	-5950.6	4371	9.6	123605.8	-5906.6	4461	8.0	124633.4	-5938.9
4282	10.5	122416.9	-5904.8	4372	9.7	123608.3	-5904.3	4462	11.3	124703.8	-5905.6
4283	9.3	122416.9	-5930.2	4373	9.9	123623.8	-5934.6	4463	11.0	124705.6	-5944.9
4284	9.9	122420.2	-5959.6	4374	9.6	123626.5	-5933.8	4464	11.0	124706.8	-5904.4
4285	10.3	122424.0	-5916.5	4375	9.8	123634.3	-5902.6	4465	10.0	124717.2	-5923.9
4286	11.0	122439.3	-5902.6	4376	9.4	123722.4	-5938.6	4466	10.0	124738.9	-5943.9
4287	9.8	122501.0	-5952.1	4377	8.1	123726.3	-5947.4	4467	10.3	124740.8	-5917.6
4288	11.5	122514.8	-5902.6	4378	11.3	123734.3	-5905.6	4468	10.0	124750.8	-5919.9
4289	11.5	122522.8	-5903.6	4379	11.0	123739.3	-5908.6	4469	8.9	124753.7	-5936.9
4290	7.9	122529.7	-5912.6	4380	7.1	123751.2	-5923.7	4470	9.0	124802.0	-5958.6
4291	9.3	122544.4	-5936.0	4381	9.9	123751.3	-5913.6	4471	9.7	124811.1	-5947.9
4292	11.0	122547.5	-5951.2	4382	10.8	123819.8	-5946.7	4472	10.0	124814.2	-5939.4
4293	11.0	122551.0	-5954.6	4383	10.8	123832.3	-5952.2	4473	10.8	124816.2	-5941.9
4294	10.3	122551.8	-5919.5	4384	9.2	123836.7	-5951.7	4474	10.3	124836.9	-5917.4
4295	10.3	122641.3	-5952.4	4385	10.8	123844.5	-5942.5	4475	10.8	124847.1	-5947.0
4296	10.5	122643.8	-5954.3	4386	10.3	123849.7	-5911.3	4476	10.5	124852.3	-5915.4
4297	10.8	122659.2	-5941.3	4387	11.0	123857.2	-5919.9	4477	9.3	124854.3	-5915.3
4298	9.7	122700.7	-5935.0	4388	10.0	123910.7	-5943.7	4478	8.8	124857.6	-5959.6
4299	9.8	122713.4	-5920.6	4389	9.4	123912.3	-5951.5	4479	10.5	124907.2	-5935.9
4300	10.8	122750.5	-5928.6	4390	10.8	123913.5	-5942.7	4480	10.0	124909.3	-5904.4
4301	9.7	122751.3	-5929.0	4391	9.6	123918.0	-5930.9	4481	10.8	124916.0	-5916.6
4302	10.8	122752.2	-5945.7	4392	9.1	123921.0	-5920.7	4482	10.0	124917.1	-5945.3
4303	11.5	122752.7	-5941.7	4393	7.7	123942.5	-5942.9	4483	11.3	124926.3	-5912.4
4304	11.3	122752.7	-5934.7	4394	10.8	123943.7	-5923.0	4484	7.5	124930.6	-5903.8
4305	9.5	122758.2	-5948.5	4395	10.8	123956.8	-5934.7	4485	8.1	124932.2	-5927.8
4306	10.5	122803.3	-5947.7	4396	11.0	124003.8	-5919.7	4486	10.5	124935.9	-5915.6
4307	11.0	122816.2	-5911.3	4397	7.7	124017.2	-5923.7	4487	10.5	124952.3	-5956.6
4308	10.0	122823.2	-5913.3	4398	9.6	124017.8	-5928.7	4488	11.0	125030.3	-5959.2
4309	9.4	122828.8	-5934.5	4399	1.5	124025.7	-5900.6	4489	9.6	125033.3	-5913.4
4310	10.0	122832.8	-5906.6	4400	9.9	124032.3	-5925.7	4490	10.3	125037.3	-5928.8
4311	10.5	122837.4	-5925.7	4401	10.3	124038.7	-5921.9	4491	10.8	125039.2	-5942.8
4312	9.6	122837.4	-5935.3	4402	9.1	124046.0	-5939.7	4492	10.8	125046.8	-5958.8
4313	10.3	122842.4	-5915.1	4403	10.3	124046.2	-5920.9	4493	9.8	125105.3	-5906.4
4314	9.7	122846.3	-5950.2	4404	8.3	124051.3	-5931.8	4494	9.8	125107.6	-5953.0
4315	9.6	122901.2	-5938.0	4405	10.5	124052.5	-5958.5	4495	9.3	125110.5	-5938.8
4316	9.0	122909.9	-5921.7	4406	10.8	124053.3	-5906.6	4496	9.8	125114.4	-5919.2
4317	10.8	122916.8	-5909.8	4407	9.3	124053.7	-5941.5	4497	9.8	125114.8	-5908.3
4318	10.3	122922.7	-5940.7	4408	10.0	124059.1	-5934.8	4498	9.5	125128.3	-5957.8
4319	11.0	122922.8	-5950.7	4409	11.3	124100.7	-5949.8	4499	9.4	125129.4	-5920.1
4320	10.5	122942.8	-5903.4	4410	10.0	124100.8	-5953.8	4500	11.0	125130.8	-5949.8
4321	10.8	123001.4	-5943.4	4411	11.5	124104.3	-5919.8	4501	9.0	125133.6	-5902.3
4322	10.5	123001.6	-5901.6	4412	10.8	124123.3	-5913.6	4502	10.5	125137.3	-5902.6
4323	9.9	123004.9	-5959.4	4413	11.0	124125.9	-5911.6	4503	10.8	125148.1	-5944.4
4324	11.0	123046.9	-5919.2	4414	11.0	124136.8	-5951.8	4504	10.8	125150.1	-5946.3
4325	11.0	123053.7	-5959.2	4415	8.2	124151.4	-5958.8	4505	8.8	125153.5	-5911.6
4326	10.8	123054.5	-5929.8	4416	10.8	124154.3	-5903.6	4506	8.9	125157.5	-5908.6
4327	9.5	123056.3	-5904.4	4417	9.6	124159.8	-5954.8	4507	8.3	125204.0	-5921.0
4328	8.6	123100.2	-5914.2	4418	11.0	124214.4	-5947.8	4508	10.3	125214.2	-5942.8
4329	8.5	123113.3	-5941.4	4419	9.5	124216.7	-5925.8	4509	8.5	125230.4	-5954.9
4330	9.1	123113.9	-5904.6	4420	11.5	124221.7	-5941.8	4510	9.4	125250.9	-5900.6
4331	11.0	123137.4	-5937.5	4421	9.5	124223.0	-5949.8	4511	7.1	125256.7	-5941.7
4332	10.8	123144.8	-5948.3	4422	11.3	124245.3	-5901.8	4512	10.8	125304.7	-5912.3
4333	10.3	123150.4	-5914.6	4423	8.9	124246.0	-5919.1	4513	11.5	125308.3	-5902.4
4334	9.3	123203.0	-5921.6	4424	6.4	124249.7	-5943.3	4514	10.3	125314.2	-5934.2
4335	9.5	123204.3	-5945.8	4425	11.0	124301.7	-5951.8	4515	10.8	125325.3	-5911.0
4336	9.8	123207.3	-5945.5	4426	10.5	124303.4	-5900.0	4516	11.3	125333.2	-5920.6
4337	10.0	123210.2	-5921.5	4427	9.3	124304.3	-5959.8	4517	8.7	125346.9	-5911.4
4338	9.5	123212.6	-5951.8	4428	9.2	124333.3	-5946.4	4518	11.0	125351.0	-5914.9
4339	11.0	123213.7	-5959.8	4429	9.5	124335.5	-5955.8	4519	7.3	125357.7	-5959.7
4340	11.0	123213.8	-5901.2	4430	10.8	124348.2	-5958.4	4520	9.5	125405.1	-5946.4
4521	8.4	125406.4	-5923.9								
4522	9.4	125407.7	-5901.6								
4523	9.2	125414.2	-5940.7								
4524	11.0	125420.3	-5958.7								
4525	11.0	125423.3	-5918.4								
4526	10.0	125428.4	-5938.9								
4527	10.8	125437.3	-5933.2								
4528	9.8	125442.1	-5939.7								
4529	9.8	125456.1	-5941.2								
4530	8.8	125459.8	-5915.6								
4531	10.0	125500.1	-5950.9								
4532	9.8	125502.8	-5951.9								
4533	9.7	125511.6	-5914.0								
4534	9.8	125517.0	-5916.7								
4535	10.4	125522.6	-5918.2								
4536	8.5	125524.0	-5919.8								
4537	10.5	125525.6	-5930.5								
4538	9.2	125526.4	-5917.3								
4539	10.3	125537.5	-5937.7								
4540	9.9	125550.6	-5906.8								
4541	9.2	125555.7	-5942.6								
4542	10.8	125602.1	-5946.2								
4543	10.5	125606.8	-5903.4								
4544	10.8	125608.8	-5925.8								
4545	10.5	125624.8	-5956.8								
4546	8.6	125626.6	-5930.8								
4547	9.4	125633.9	-5914.6								
4548	9.5	125641.2	-5916.6								
4549	10.5	125641.5	-5949.7								
4550	9.1	125642.8	-5916.7								
4551	9.3	125653.9	-5909.0								
4552	11.5	125702.3	-5944.6								
4553	9.3	125714.6	-5925.6								
4554	10.5	125716.0	-5945.6								
4555	10.8	125719.6	-5926.6								
4556	8.3	125731.8	-5946.2								
4557	9.7	125736.3	-5905.3								
4558	9.5	125742.3	-5913.6								
4559	10.5	125742.8	-5917.6								
4560	10.5	125812.2	-5942.8								
4561	9.1	125817.9	-5902.8								
4562	11.0	125824.3	-5913.6								
4563	11.0	125828.0	-5914.6								
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4565	10.0	125837.3	-5957.3								
4566	11.0	125905.3	-5913.0								
4567	8.6	125911.5	-5936.3								
4568	9.6	125925.3	-5910.0								
4569	9.9	125942.0	-5921.0								
4570	6.5	125942.8	-5911.6								
4571	7.6	125948.7	-5935.8								
4572	9.3	125955.8	-5908.6								
4573	9.1	130001.7	-5923.2								
4574	11.5	130007.8	-5920.9								
4575	11.0	130016.7	-5905.6								
4576	9.5	130021.9	-5900.0								
4577	11.0	130022.3	-5916.2								
4578	11.5	130040.6	-5947.7								
4579	9.3	130046.7	-5940.5								
4580	9.7	130052.4	-5914.1								
4581	9.5	130057.8	-5900.0								
4582	9.1	130058.7	-5913.0								
4583	10.0	130059.1	-5952.6								
4584	8.6	130059.5	-5940.5								
4585	9.0	130110.7	-5932.8								
4586	11.0	130113.4	-5919.8								
4587	10.5	130123.3	-5950.5								
4588	8.5	130131.7	-5938.5								
4589	10.8	130133.6	-5932.3								
4590	11.3	130135.8	-5917.6								
4591	8.9	130139.4	-5934.6								
4592	9.4	130140.4	-5954.6								
4593	11.0	130158.2	-5917.6								
4594	9.2	130212.7	-5942.8								
4595	10.0	130215.7	-5924.8								
4596	9.5	130232.4	-5917.5								
4597	11.0	130235.8	-5919.6								
4598	10.5	130241.7	-5938.4								
4599	9.7	130250.6	-5951.4								
4600	9.8	130251.0	-5930.4								
4601	9.7	130253.9	-5908.8								
4602	11.0	130255.8	-5904.3								
4603	8.5	130304.7	-5903.6								
4604	8.1	130308.0	-5922.8								
4605	8.8	130315.5	-5927.4								
4606	10.3	130317.1	-5946.6								
4607	8.1	130318.1	-5904.6								
4608	10.0	130325.1	-5947.2								
4609	10.5	130330.7	-5943.3								
4610	10.3	130404.2	-5929.6								

-59 4611 13h04m

-59 4970 13h44m

4611	8.6	130407.2	-5930.8	4701	8.0	131515.0	-5934.2	4791	9.6	132833.0	-5940.0
4612	8.9	130420.1	-5948.4	4702	8.1	131515.6	-5936.2	4792	8.8	132843.5	-5900.2
4613	10.5	130422.2	-5944.4	4703	11.5	131520.3	-5924.9	4793	10.0	132856.3	-5947.0
4614	4.7	130430.3	-5915.5	4704	11.5	131527.9	-5951.9	4794	10.8	132923.2	-5934.2
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4616	9.4	130438.3	-5931.4	4706	9.1	131532.0	-5905.6	4796	9.6	132945.1	-5919.0
4617	9.7	130439.1	-5902.6	4707	8.2	131532.0	-5942.9	4797	9.4	132948.0	-5901.2
4618	9.9	130442.0	-5937.5	4708	10.3	131542.0	-5939.1	4798	10.5	132954.8	-5946.0
4619	8.3	130444.2	-5953.5	4709	9.8	131548.9	-5905.6	4799	11.3	132954.8	-5950.0
4620	8.9	130446.6	-5933.0	4710	9.4	131555.7	-5909.2	4800	10.8	133003.0	-5907.2
4621	10.5	130452.0	-5927.8	4711	10.5	131559.8	-5925.9	4801	10.5	133009.0	-5913.2
4622	11.0	130458.8	-5919.4	4712	10.0	131602.5	-5913.5	4802	10.3	133015.0	-5911.2
4623	7.0	130508.0	-5908.8	4713	10.8	131602.8	-5902.0	4803	8.6	133019.4	-5912.2
4624	9.7	130510.1	-5909.6	4714	9.8	131610.0	-5906.6	4804	11.0	133023.8	-5940.0
4625	9.7	130512.3	-5907.6	4715	10.3	131612.9	-5909.8	4805	11.0	133025.5	-5956.0
4626	9.5	130512.8	-5916.6	4716	9.8	131620.6	-5914.3	4806	10.0	133034.2	-5914.2
4627	9.7	130519.8	-5908.0	4717	9.3	131631.6	-5936.9	4807	9.7	133043.9	-5914.8
4628	9.5	130530.2	-5958.8	4718	10.0	131633.2	-5957.9	4808	9.3	133044.8	-5937.0
4629	9.4	130539.2	-5920.8	4719	8.9	131647.8	-5920.9	4809	10.5	133056.0	-5937.0
4630	9.4	130545.2	-5950.2	4720	9.7	131705.1	-5931.9	4810	10.0	133101.2	-5941.0
4631	10.5	130555.0	-5940.8	4721	11.5	131707.2	-5947.9	4811	10.0	133113.0	-5952.0
4632	10.8	130609.7	-5921.6	4722	10.0	131719.2	-5948.9	4812	9.4	133117.2	-5911.0
4633	9.9	130619.2	-5922.4	4723	8.3	131719.2	-5908.0	4813	10.5	133118.0	-5921.2
4634	11.0	130623.2	-5943.8	4724	9.7	131736.3	-5927.9	4814	10.0	133128.6	-5935.6
4635	9.9	130631.8	-5902.0	4725	9.6	131808.3	-5903.0	4815	9.8	133134.4	-5956.3
4636	11.0	130721.4	-5901.6	4726	10.8	131832.2	-5947.9	4816	11.0	133137.0	-5956.0
4637	11.0	130724.3	-5950.6	4727	10.8	131848.5	-5918.9	4817	10.0	133137.5	-5954.0
4638	8.7	130727.3	-5907.6	4728	11.0	131856.8	-5940.9	4818	10.0	133138.0	-5916.0
4639	9.3	130733.9	-5927.6	4729	9.6	131906.8	-5903.2	4819	11.0	133140.5	-5928.1
4640	9.5	130739.0	-5927.8	4730	10.8	131914.2	-5935.0	4820	10.0	133142.8	-5917.1
4641	9.3	130752.2	-5927.8	4731	10.5	131941.9	-5935.9	4821	11.0	133143.0	-5916.1
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4643	11.0	130755.4	-5944.8	4733	10.0	131949.1	-5935.9	4823	11.0	133147.6	-5947.1
4644	11.3	130805.3	-5948.2	4734	9.6	132002.2	-5938.9	4824	9.0	133150.9	-5954.1
4645	10.8	130809.6	-5939.8	4735	8.3	132012.2	-5942.2	4825	9.0	133154.3	-5937.8
4646	11.0	130810.3	-5923.8	4736	8.6	132018.2	-5943.9	4826	10.0	133159.0	-5954.1
4647	11.0	130812.3	-5903.0	4737	10.5	132019.3	-5942.2	4827	9.9	133207.2	-5903.0
4648	9.5	130828.2	-5904.6	4738	11.5	132023.0	-5909.1	4828	7.7	133208.7	-5938.1
4649	9.9	130831.3	-5926.2	4739	9.5	132038.8	-5917.9	4829	10.0	133215.6	-5914.8
4650	10.0	130835.3	-5923.8	4740	10.8	132102.7	-5917.0	4830	10.0	133216.0	-5928.1
4651	10.5	130846.3	-5937.8	4741	9.6	132105.2	-5915.6	4831	10.0	133227.3	-5957.3
4652	9.3	130849.5	-5909.6	4742	10.8	132128.5	-5958.9	4832	9.5	133229.0	-5943.4
4653	10.8	130851.5	-5923.8	4743	10.8	132132.0	-5904.8	4833	9.6	133231.7	-5959.4
4654	8.3	130857.5	-5947.8	4744	11.0	132136.0	-5914.8	4834	11.0	133234.0	-5919.1
4655	9.5	130907.7	-5916.1	4745	10.8	132144.3	-5940.9	4835	10.0	133236.3	-5953.1
4656	10.8	130908.8	-5920.6	4746	9.3	132211.4	-5908.0	4836	10.0	133244.2	-5948.0
4657	9.0	130925.4	-5906.6	4747	10.5	132232.3	-5944.9	4837	10.0	133244.4	-5949.1
4658	11.3	130939.6	-5919.8	4748	10.5	132300.2	-5950.0	4838	10.5	133248.0	-5956.0
4659	8.2	130947.8	-5945.5	4749	10.5	132320.9	-5916.5	4839	10.0	133252.2	-5931.1
4660	9.5	131007.5	-5942.6	4750	9.7	132322.0	-5907.1	4840	10.0	133258.0	-5919.6
4661	7.7	131009.7	-5944.0	4751	10.3	132323.2	-5953.0	4841	9.3	133258.0	-5924.2
4662	10.3	131029.8	-5905.6	4752	9.9	132324.0	-5911.1	4842	11.0	133258.5	-5915.1
4663	11.3	131039.0	-5939.8	4753	10.5	132324.7	-5912.3	4843	9.9	133308.5	-5933.6
4664	11.0	131044.3	-5915.6	4754	11.0	132337.9	-5935.0	4844	10.0	133315.3	-5956.1
4665	9.8	131047.8	-5908.8	4755	8.1	132346.3	-5947.8	4845	10.3	133316.8	-5903.2
4666	9.6	131057.3	-5948.8	4756	9.0	132354.0	-5928.0	4846	8.8	133319.0	-5907.6
4667	10.5	131100.0	-5934.8	4757	11.3	132358.0	-5920.0	4847	9.9	133328.1	-5914.1
4668	8.3	131103.3	-5915.9	4758	9.2	132403.8	-5900.2	4848	9.3	133345.4	-5940.2
4669	8.5	131103.3	-5917.1	4759	10.8	132406.8	-5911.1	4849	10.3	133351.7	-5902.0
4670	10.5	131118.2	-5956.8	4760	10.3	132409.0	-5934.0	4850	10.0	133357.5	-5951.1
4671	10.5	131135.8	-5933.0	4761	9.7	132414.2	-5926.0	4851	10.3	133406.7	-5904.2
4672	7.2	131139.6	-5958.6	4762	10.5	132422.0	-5932.6	4852	9.3	133409.2	-5909.7
4673	11.0	131141.7	-5914.3	4763	10.5	132424.5	-5953.0	4853	10.0	133413.0	-5909.2
4674	10.5	131149.5	-5920.3	4764	9.6	132428.5	-5951.8	4854	10.0	133418.0	-5901.0
4675	10.5	131155.3	-5908.6	4765	11.3	132503.8	-5902.1	4855	10.0	133426.5	-5952.6
4676	10.3	131158.8	-5918.0	4766	10.3	132517.6	-5937.0	4856	10.0	133428.3	-5951.3
4677	9.5	131204.0	-5951.8	4767	9.1	132526.3	-5909.1	4857	10.5	133437.5	-5932.1
4678	10.8	131226.0	-5917.0	4768	11.0	132532.4	-5931.0	4858	10.0	133438.2	-5955.0
4679	10.3	131229.8	-5923.9	4769	9.5	132538.0	-5903.8	4859	10.5	133443.8	-5917.2
4680	7.4	131238.8	-5906.6	4770	10.0	132556.0	-5937.3	4860	9.9	133459.0	-5910.2
4681	9.4	131249.5	-5956.9	4771	10.0	132602.0	-5949.3	4861	11.0	133501.5	-5954.0
4682	9.5	131249.8	-5919.8	4772	10.8	132611.8	-5951.0	4862	9.8	133503.4	-5939.1
4683	8.6	131251.9	-5908.6	4773	10.3	132612.3	-5902.1	4863	10.0	133504.9	-5935.4
4684	9.3	131309.5	-5925.9	4774	9.8	132627.9	-5914.1	4864	9.8	133505.6	-5948.8
4685	9.8	131318.8	-5950.9	4775	9.5	132636.8	-5927.5	4865	9.1	133513.0	-5948.1
4686	11.0	131321.8	-5937.9	4776	8.0	132658.6	-5931.0	4866	9.7	133515.5	-5914.0
4687	10.8	131333.5	-5927.9	4777	9.9	132703.9	-5929.0	4867	10.0	133517.7	-5945.8
4688	9.1	131335.2	-5951.6	4778	11.0	132713.5	-5932.2	4868	10.0	133520.6	-5932.1
4689	9.7	131343.0	-5944.9	4779	10.3	132720.8	-5930.6	4869	9.5	133540.0	-5905.0
4690	9.5	131343.0	-5907.5	4780	9.7	132721.1	-5910.1	4870	10.0	133544.6	-5941.1
4691	7.3	131407.3	-5931.9	4781	11.5	132722.8	-5959.4	4871	10.0	133553.3	-5947.4
4692	9.5	131419.6	-5910.0	4782	11.3	132725.8	-5916.1	4872	10.0	133556.3	-5946.0
4693	8.8	131426.9	-5937.9	4783	10.3	132732.8	-5936.0	4873	10.5	133600.5	-5949.0
4694	10.5	131439.0	-5917.0	4784	9.6	132754.6	-5940.8	4874	9.8	133602.0	-5915.3
4695	9.8	131444.1	-5901.0	4785	9.6	132803.1	-5954.0	4875	10.0	133604.0	-5924.1
4696	9.4	131446.5	-5950.9	4786	11.0	132816.8	-5914.2	4876	9.9	133604.3	-5937.1
4697	10.5	131447.6	-5923.3	4787	10.3	132819.0	-5903.0	4877	8.9	133604.9	-5915.0
4698	11.0	131451.5	-5916.0	4788	11.0	132819.5	-5952.0	4878	10.0	133605.5	-5943.2
4699	9.7	131457.5	-5906.0	4789	10.0	132829.2	-5950.0	4879	11.0	133613.5	-5939.1
4700	9.4	131511.5	-5944.9	4790	11.0	132829.8	-5908.2	4880	10.0	133617.8	-5957.1
4881	10.0	133620.6	-5932.1								
4882	9.8	133640.8	-5958.0								
4883	9.7	133643.2	-5936.1								
4884	9.9	133647.9	-5935.2								
4885	10.0	133704.2	-5933.6								
4886	10.3	133707.5	-5948.1								
4887	9.9	133712.8	-5933.0								
4888	9.9	133730.2	-5931.1								
4889	10.3	133732.2	-5931.1								
4890	9.0	133735.2	-5924.1								
4891	10.3	133736.9	-5907.3								
4892	10.0	133737.2	-5925.2								
4893	9.2	133738.0	-5916.2								
4894	9.3	133743.2	-5931.1								
4895	9.6	133806.9	-5950.2								
4896	9.2	133815.6	-5956.0								
4897	10.3	133827.1	-5920.0								
4898	8.9	133829.5	-5928.2								
4899	9.4	133843.9	-5915.4								
4900	10.3	133844.5	-5924.6								
4901	10.3	133853.0	-5941.0								
4902	10.0	133854.0	-5918.6								
4903	9.6	133856.5	-5904.3								
4904	11.0	133907.0	-5937.2								
4905	9.2	133908.5	-5936.2								
4906	9.5	133915.6	-5911.2								
4907	10.3	133917.5	-5948.2								
4908	8.0	133922.6	-5915.2								
4909	11.0	133922.6	-5954.0								
4910	9.8	133924.8	-5949.2								
4911	9.8	133933.3	-5949.2								
4912	8.7	133944.0	-5912.2								
4913	11.0	133947.0	-5940.2								
4914	9.7	133954.4	-5950.2								
4915	11.0	134004.5	-5923.0								
4916	10.0	134008.2	-5940.6								
4917	10.0	134018.2	-5940.2								
4918	9.8	134028.0	-5929.0								
4919	10.0	134030.0	-5935.2								
4920	9.2	134041.4	-5950.5								
4921	10.3	134045.5	-5929.2								
4922	9.5	134051.7	-5901.8								
4923	10.3	134056.0	-5918.2								
4924	7.8	134056.0	-5917.6								
4925	11.0	134106.5	-5929.3								
4926	9.9	134107.0	-5911.2								
4927	11.0	134113.0	-5916.3								
4928	11.0	134113.8	-5958.5								
4929	11.0	134114.5	-5959.5								
4930	9.7	134117.0	-5949.3								
4931	9.8	134126.5	-5936.5								
4932	10.0	134134.0	-5941.3								
4933	10.0	134138.3	-5937.5								
4934	10.5	134141.5	-5922.3								
4935	10.0	134143.2	-5942.3								
4936	9.6	134145.2	-5952.4								
4937	10.0	134154.0	-5924.3								
4938	10.0	134155.2	-5950.1								
4939	8.5	134156.0	-5907.3								
4940	10.0	134212.5	-5926.3								
4941	10.0	134237.4	-5931.3								
4942	10.3	134239.5	-5925.3								
4943	9.0	134239.5	-5946.8								
4944	9.6	134247.8	-5917.4								
4945	10.0	134302.4	-5949.5								
4946	10.0	134304.2	-5932.2								
4947	11.0	134304.6	-5902.2								
4948	10.0	134308.6	-5956.0								
4949	10.0	134309.7	-5929.6								
4950	10.0	134310.2	-5944.2								
4951	10.0	134318.2	-5928.2								
4952	10.0	134324.8	-5936.2								
4953	9.2	134324.9	-5903.5								
4954	9.8	134328.3	-5944.2								
4955	9.1	134332.4	-5923.0								
4956	10.0	134337.6	-5958.3								
4957	9.8	134354.3	-5938.8								
4958	9.9	134357.3	-5933.3								
4959	10.0	134406.2	-5933.4								
4960	9.8	134413.1	-5917.0								
4961	11.5	134430.3	-5929.2								
4962	9.8	134430.8	-5938.2								
4963	10.3	134432.3	-5911.0								
4964	10.0	134434.3	-5937.2								
4965	10.0	134436.9	-5952.2								
4966	9.0	134437.0	-5923.8								
4967	10.0	134447.8	-5939.2								
4968	10.5	134448.5	-5902.9								
4969	10.5	134455.7	-5912.0								
4970	11.0	134458.9	-5945.2								

-59 4971 13h45m

-59 5330 14h28m

4971	10.0	134510.3	-5919.3	5061	10.0	135528.7	-5929.5	5151	10.0	140613.1	-5928.7	5241	8.2	141635.9	-5955.4
4972	9.7	134511.2	-5933.3	5062	9.9	135551.3	-5922.5	5152	9.6	140627.5	-5945.7	5242	11.5	141706.0	-5916.2
4973	9.0	134521.3	-5949.5	5063	11.0	135556.1	-5900.5	5153	9.9	140646.7	-5928.7	5243	10.0	141708.8	-5924.9
4974	10.0	134528.3	-5937.3	5064	11.0	135556.1	-5958.0	5154	10.0	140650.9	-5940.7	5244	10.5	141731.0	-5905.0
4975	10.0	134529.6	-5955.0	5065	11.0	135613.3	-5921.0	5155	10.0	140700.2	-5929.9	5245	10.3	141738.4	-5906.8
4976	9.7	134531.8	-5943.3	5066	11.0	135613.5	-5911.5	5156	10.0	140714.2	-5927.7	5246	10.5	141740.4	-5906.0
4977	8.2	134555.4	-5943.3	5067	11.0	135622.9	-5902.5	5157	10.0	140723.7	-5950.7	5247	10.0	141741.8	-5924.9
4978	9.3	134604.4	-5937.3	5068	10.0	135641.2	-5929.5	5158	10.0	140724.8	-5937.7	5248	8.2	141750.8	-5943.2
4979	8.5	134609.2	-5901.5	5069	10.0	135648.3	-5938.0	5159	9.8	140731.4	-5947.7	5249	9.4	141800.0	-5910.5
4980	9.2	134612.1	-5959.6	5070	10.8	135648.7	-5907.5	5160	6.7	140735.4	-5919.6	5250	10.0	141806.5	-5911.9
4981	9.9	134615.3	-5922.5	5071	10.0	135650.3	-5939.0	5161	10.0	140750.8	-5915.7	5251	10.0	141806.8	-5945.2
4982	10.0	134619.3	-5908.3	5072	10.8	135653.2	-5912.7	5162	10.0	140810.6	-5946.7	5252	10.0	141813.2	-5926.9
4983	10.5	134627.5	-5915.3	5073	9.7	135654.9	-5951.5	5163	9.9	140816.3	-5951.7	5253	10.8	141820.0	-5906.9
4984	10.5	134635.3	-5912.3	5074	11.0	135657.6	-5957.5	5164	9.8	140829.2	-5934.2	5254	10.3	141826.0	-5918.2
4985	10.0	134641.1	-5958.6	5075	10.0	135705.4	-5954.0	5165	10.0	140829.2	-5919.7	5255	11.5	141829.2	-5917.1
4986	9.2	134655.0	-5902.3	5076	10.0	135711.8	-5922.5	5166	9.7	140836.9	-5951.9	5256	10.0	141833.9	-5928.9
4987	7.8	134703.6	-5926.3	5077	9.0	135712.0	-5903.1	5167	9.9	140848.6	-5956.3	5257	9.7	141835.2	-5904.3
4988	10.0	134706.3	-5915.3	5078	11.0	135718.5	-5907.3	5168	10.0	140856.9	-5934.7	5258	9.2	141838.3	-5904.1
4989	9.9	134734.3	-5924.3	5079	10.0	135728.1	-5955.5	5169	10.8	140902.7	-5903.7	5259	10.8	141846.5	-5903.7
4990	10.8	134735.6	-5910.3	5080	10.0	135737.8	-5941.7	5170	10.0	140910.4	-5951.7	5260	10.8	141848.5	-5904.3
4991	10.0	134737.3	-5925.3	5081	7.0	135738.0	-5906.7	5171	10.5	140910.5	-5904.7	5261	9.9	141848.8	-5943.9
4992	10.8	134745.6	-5915.8	5082	10.3	135739.4	-5903.0	5172	10.0	140915.3	-5938.7	5262	10.0	141849.2	-5934.7
4993	10.0	134747.8	-5936.0	5083	10.5	135740.4	-5913.5	5173	10.0	140918.3	-5943.7	5263	10.0	141857.2	-5926.9
4994	9.7	134753.3	-5935.3	5084	9.9	135742.6	-5959.8	5174	9.8	140928.5	-5919.5	5264	8.6	141902.3	-5933.9
4995	10.0	134755.3	-5918.0	5085	7.7	135750.8	-5909.5	5175	9.5	140928.5	-5938.7	5265	10.0	141909.8	-5958.9
4996	10.0	134804.4	-5953.0	5086	10.0	135802.3	-5939.8	5176	10.5	140930.9	-5912.7	5266	10.0	141917.3	-5941.9
4997	10.0	134815.9	-5925.8	5087	9.9	135810.7	-5932.7	5177	9.8	140931.9	-5903.5	5267	8.6	141923.4	-5906.4
4998	10.0	134817.5	-5927.3	5088	10.0	135823.3	-5937.0	5178	11.0	140937.9	-5903.4	5268	10.5	141928.0	-5914.4
4999	10.5	134840.9	-5918.1	5089	11.0	135824.0	-5907.5	5179	10.0	140944.1	-5958.9	5269	8.6	141935.1	-5958.9
5000	10.0	134856.3	-5900.8	5090	8.2	135832.8	-5952.5	5180	10.0	140950.9	-5928.5	5270	11.0	141938.6	-5908.6
5001	10.0	134902.9	-5929.8	5091	9.7	135833.4	-5946.5	5181	10.0	141001.8	-5925.8	5271	9.8	141959.5	-5918.6
5002	9.9	134904.2	-5930.6	5092	10.3	135835.7	-5911.0	5182	9.9	141013.9	-5948.8	5272	9.9	142005.8	-5924.6
5003	8.7	134906.5	-5912.4	5093	11.0	135841.5	-5916.5	5183	10.3	141014.5	-5901.8	5273	9.1	142012.9	-5948.0
5004	8.5	134917.3	-5904.3	5094	10.0	135846.5	-5921.5	5184	10.5	141021.0	-5903.7	5274	9.8	142013.4	-5946.0
5005	8.4	134918.8	-5916.3	5095	8.8	135915.4	-5915.5	5185	8.0	141032.6	-5910.0	5275	11.0	142021.3	-5910.2
5006	10.0	134933.8	-5938.3	5096	10.0	135917.3	-5958.5	5186	10.0	141034.4	-5955.0	5276	9.3	142023.6	-5935.0
5007	10.3	134935.2	-5907.3	5097	10.0	135922.4	-5959.0	5187	9.0	141045.7	-5959.8	5277	10.5	142029.9	-5904.2
5008	10.0	134936.2	-5934.2	5098	9.0	135923.6	-5955.5	5188	9.8	141051.8	-5925.3	5278	8.8	142047.0	-5913.0
5009	10.0	134942.3	-5935.0	5099	9.8	135924.4	-5944.7	5189	10.0	141059.3	-5939.8	5279	10.0	142056.0	-5953.0
5010	10.0	134943.3	-5929.0	5100	10.0	135932.7	-5927.3	5190	10.0	141059.8	-5937.0	5280	8.8	142057.0	-5951.0
5011	10.5	134947.2	-5910.3	5101	10.5	135935.2	-5915.5	5191	10.3	141112.6	-5900.7	5281	9.9	142100.4	-5949.3
5012	9.9	134947.3	-5944.3	5102	10.0	135944.4	-5948.3	5192	11.5	141114.6	-5910.7	5282	9.0	142120.7	-5958.7
5013	10.0	134949.7	-5924.3	5103	11.0	135945.2	-5902.5	5193	10.0	141124.3	-5925.3	5283	9.8	142135.4	-5920.0
5014	10.8	134950.7	-5906.3	5104	9.9	135950.4	-5946.2	5194	10.0	141125.5	-5919.8	5284	9.7	142136.4	-5958.2
5015	10.0	135010.8	-5940.4	5105	8.8	135955.5	-5907.3	5195	10.0	141128.3	-5943.8	5285	9.3	142136.6	-5944.4
5016	9.6	135010.8	-5923.4	5106	10.5	140005.5	-5915.5	5196	10.0	141130.5	-5923.8	5286	11.0	142138.2	-5916.2
5017	11.3	135014.2	-5900.3	5107	9.1	140007.4	-5956.6	5197	9.8	141137.1	-5957.8	5287	9.8	142138.9	-5935.3
5018	10.0	135014.2	-5951.4	5108	11.0	140013.5	-5914.5	5198	9.9	141156.1	-5917.5	5288	10.0	142153.5	-5913.0
5019	9.5	135023.9	-5954.4	5109	8.6	140016.0	-5907.5	5199	10.3	141156.8	-5916.5	5289	10.0	142153.8	-5942.8
5020	8.2	135045.3	-5957.4	5110	10.0	140027.3	-5944.6	5200	10.0	141202.1	-5959.8	5290	9.9	142218.3	-5942.4
5021	9.7	135108.0	-5920.4	5111	10.0	140030.7	-5957.6	5201	11.0	141216.0	-5912.8	5291	10.0	142219.9	-5947.0
5022	10.0	135108.3	-5934.6	5112	10.0	140033.3	-5944.0	5202	10.0	141229.7	-5945.8	5292	10.5	142252.4	-5916.9
5023	10.0	135112.7	-5932.4	5113	11.0	140044.5	-5900.5	5203	10.0	141234.7	-5927.8	5293	9.9	142259.4	-5955.0
5024	9.9	135115.9	-5941.4	5114	8.3	140048.2	-5959.4	5204	9.8	141239.4	-5951.8	5294	9.7	142301.8	-5904.3
5025	8.8	135118.0	-5949.4	5115	9.4	140056.2	-5924.6	5205	10.0	141239.6	-5931.8	5295	11.0	142325.9	-5903.3
5026	9.9	135118.5	-5919.4	5116	10.0	140113.3	-5939.4	5206	11.5	141241.0	-5919.0	5296	10.0	142328.2	-5925.0
5027	10.0	135124.3	-5920.4	5117	10.0	140114.4	-5953.6	5207	10.0	141246.8	-5940.8	5297	10.0	142330.5	-5924.0
5028	10.0	135125.2	-5937.4	5118	10.0	140115.6	-5922.6	5208	8.4	141256.5	-5947.8	5298	10.0	142334.9	-5920.0
5029	10.5	135132.2	-5906.2	5119	9.8	140130.1	-5917.6	5209	10.5	141300.5	-5903.7	5299	10.0	142359.4	-5942.0
5030	10.0	135134.6	-5956.2	5120	9.8	140150.3	-5943.6	5210	10.0	141307.8	-5925.8	5300	10.0	142402.5	-5950.0
5031	9.5	135144.7	-5900.6	5121	10.5	140152.5	-5916.6	5211	10.0	141316.3	-5941.8	5301	11.4	142427.7	-5913.3
5032	10.0	135147.9	-5945.4	5122	9.4	140156.3	-5937.6	5212	11.0	141319.1	-5903.9	5302	9.4	142429.0	-5932.1
5033	8.9	135158.7	-5917.6	5123	10.5	140205.8	-5907.3	5213	10.0	141348.7	-5923.8	5303	10.0	142436.9	-5900.3
5034	10.0	135202.3	-5943.4	5124	10.0	140206.3	-5942.6	5214	9.7	141358.0	-5951.6	5304	9.8	142440.7	-5927.0
5035	10.0	135204.3	-5939.0	5125	10.0	140207.2	-5930.6	5215	10.0	141411.6	-5958.8	5305	10.1	142441.1	-5919.1
5036	11.3	135212.3	-5903.9	5126	8.4	140223.4	-5910.6	5216	10.0	141424.1	-5958.8	5306	8.6	142457.1	-5951.1
5037	10.0	135244.1	-5949.4	5127	10.0	140224.4	-5932.6	5217	9.9	141431.2	-5926.8	5307	9.7	142502.7	-5915.0
5038	10.0	135253.9	-5951.0	5128	9.7	140239.4	-5903.6	5218	7.7	141434.9	-5938.6	5308	8.0	142523.3	-5914.0
5039	7.6	135308.9	-5939.4	5129	8.4	140242.8	-5914.6	5219	11.5	141438.0	-5905.7	5309	9.5	142533.2	-5952.3
5040	9.7	135313.6	-5912.2	5130	10.3	140242.9	-5903.0	5220	11.5	141445.0	-5900.7	5310	8.9	142539.9	-5950.2
5041	10.3	135315.5	-5921.2	5131	11.0	140247.5	-5902.6	5221	10.0	141446.3	-5933.8	5311	9.9	142547.2	-5933.2
5042	9.1	135324.5	-5906.6	5132	8.2	140318.4	-5912.6	5222	10.5	141449.2	-5917.3	5312	9.7	142548.8	-5939.0
5043	10.0	135325.8	-5937.6	5133	10.0	140323.9	-5928.4	5223	10.0	141453.8	-5934.8	5313	10.0	142553.1	-5957.0
5044	11.5	135326.0	-5901.9	5134	9.2	140328.7	-5948.6	5224	11.3	141504.9	-5904.8	5314	9.8	142558.3	-5921.2
5045	9.9	135337.1	-5958.4	5135	10.0	140400.6	-5927.6	5225	10.0	141505.9	-5934.9	5315	6.8	142558.6	-5928.0
5046	9.7	135347.9	-5947.2	5136	10.0	140403.8	-5939.6	5226	11.5	141507.7	-5902.8	5316	11.0	142559.0	-5905.3
5047	8.4	135408.8	-5944.2	5137	10.5	140420.0	-5909.4	5227	9.4	141525.2	-5948.9	5317	9.2	142607.2	-5906.8
5048	8.2	135411.7	-5934.2	5138	10.0	140423.9	-5946.3	5228	11.3	141544.1	-5915.8	5318	9.7	142611.6	-5949.6
5049	8.1	135415.5	-5953.6	5139	10.0	140427.3	-5935.0	5229	10.0	141548.3	-5922.9	5319	9.7	142631.8	-5937.6
5050	9.7	135416.3	-5916.0	5140	10.0	140441.9	-5948.4	5230	10.0	141553.3	-5931.9	5320	9.5	142633.0	-5908.0
5051	9.5	135421.5	-5947.6	5141	9.6	140442.3	-5905.6	5231	10.3	141607.3	-5906.8	5321	9.9	142634.3	-5944.4
5052	9.7	135427.6	-5916.9	5142	9.9	140444.8	-5959.4	5232	9.2	141607.7	-5918.0	5322	9.6	142650.0	-5914.4
5053	9.5	135453.2	-5915.4	5143	9.3	140449.8	-5938.0	5233	10.0	141611.3	-5934.9	5323	9.7	142650.5	-5913.2
5054	0.8	135501.2	-5946.2	5144	9.4	140451.8	-5939.6	5234	10.0	141616.9	-5959.9	5324	10.0	142658.8	-5939.9
5055	10.3	135509.2	-5901.3	5145	9.9	140454.2	-5940.7	5235	10.0	141617.9	-5945.7	5325	9.8	142700.8	-5921.4
5056	10.0	135509.6	-5958.5	5146	10.0	140455.8	-5907.4	5236	10.0	141622.3	-5940.6	5326	10.0	142716.2	-5934.3
5057	10.3	135517.7	-5910.5	5147	9.6	140523.4	-5946.7	5237	10.0	141628.8	-5941.6	5327	10.0	142717.9	-5946.2
5058	10.0	135519.1	-5959.2	5148	10.3	140543.7	-5922.5	5238	9.8	141629.5	-5910.3	5328	10.0	142719.2	-5948.1
5059	10.5	135524.8	-5937.5	5149	10.0	140547.8	-5939.7	5239	10.0	141632.7	-5930.6	5329	9.8	142803.8	-5939.1
5060	10.5	135527.2	-5935.5	5150	10.0	140547.8	-5940.7	5240	11.0	141635.8	-5906.8	5330	10.0	142814.0	-5951.0

-59 5331 14h28m

5331	9.4	142815.1	-5918.6	5421	9.0	144123.8	-5908.7	5511	8.2	145640.5	-5904.3	5601	10.0	150753.2	-5932.5
5332	9.1	142815.4	-5948.3	5422	9.9	144141.4	-5949.6	5512	10.8	145652.1	-5900.1	5602	9.6	150754.5	-5915.9
5333	9.2	142815.5	-5949.4	5423	8.9	144205.9	-5958.6	5513	10.0	145700.1	-5929.2	5603	10.0	150801.8	-5926.5
5334	8.4	142825.5	-5913.4	5424	8.0	144220.9	-5948.6	5514	10.0	145705.0	-5950.2	5604	8.4	150807.5	-5937.5
5335	11.0	142829.8	-5917.8	5425	8.7	144256.8	-5942.4	5515	9.4	145710.0	-5950.2	5605	9.1	150812.2	-5953.5
5336	11.0	142829.8	-5907.4	5426	8.5	144317.8	-5915.4	5516	9.9	145719.3	-5941.0	5606	10.0	150814.7	-5948.5
5337	11.5	142835.7	-5915.4	5427	10.0	144333.8	-5941.8	5517	9.4	145726.2	-5926.2	5607	10.0	150817.0	-5953.5
5338	8.3	142845.3	-5935.4	5428	8.1	144339.2	-5912.2	5518	9.5	145729.7	-5910.1	5608	10.0	150818.2	-5931.5
5339	11.0	142850.2	-5905.4	5429	9.8	144403.9	-5949.9	5519	9.7	145734.0	-5927.2	5609	10.0	150820.4	-5924.5
5340	9.4	142910.8	-5937.4	5430	8.6	144409.4	-5939.4	5520	10.0	145737.0	-5948.2	5610	9.0	150837.9	-5912.0
5341	10.0	142911.3	-5945.0	5431	10.8	144416.5	-5906.8	5521	10.0	145737.2	-5904.1	5611	10.0	150840.0	-5939.5
5342	10.0	142911.8	-5929.8	5432	9.8	144424.2	-5906.8	5522	10.0	145803.2	-5901.1	5612	10.0	150842.7	-5928.5
5343	9.9	142916.3	-5940.1	5433	9.8	144446.1	-5920.8	5523	9.9	145808.8	-5958.8	5613	10.0	150846.0	-5931.2
5344	9.8	142946.3	-5917.5	5434	8.6	144501.9	-5928.7	5524	9.9	145821.9	-5919.2	5614	8.8	150848.2	-5921.9
5345	9.5	142949.3	-5909.4	5435	10.0	144516.9	-5958.5	5525	9.2	145824.7	-5929.2	5615	9.5	150852.5	-5902.3
5346	1.5	142955.8	-5919.9	5436	9.2	144538.4	-5958.7	5526	9.4	145828.0	-5931.2	5616	10.0	150907.2	-5921.5
5347	9.1	142956.5	-5922.4	5437	9.2	144538.9	-5951.5	5527	8.7	145829.0	-5928.0	5617	9.8	150908.6	-5913.0
5348	9.6	143002.2	-5930.2	5438	10.0	144545.2	-5953.5	5528	9.7	145831.0	-5956.2	5618	7.4	150909.3	-5939.5
5349	10.5	143011.4	-5930.2	5439	9.6	144552.7	-5944.5	5529	9.7	145834.3	-5904.8	5619	9.7	150916.9	-5935.5
5350	9.8	143014.7	-5931.2	5440	5.3	144557.3	-5935.7	5530	10.0	145839.1	-5945.2	5620	9.8	150918.6	-5938.5
5351	9.3	143025.8	-5902.2	5441	10.0	144608.9	-5947.5	5531	9.9	145843.2	-5944.0	5621	7.7	150919.9	-5953.5
5352	8.9	143031.2	-5926.0	5442	9.7	144611.0	-5905.4	5532	10.0	145854.3	-5939.2	5622	9.5	150938.8	-5903.3
5353	10.0	143032.1	-5958.2	5443	9.8	144622.7	-5932.6	5533	10.0	145901.0	-5921.4	5623	9.4	150954.6	-5924.6
5354	9.0	143042.3	-5923.2	5444	10.0	144645.3	-5958.5	5534	10.0	145911.6	-5906.2	5624	10.0	150958.0	-5943.6
5355	9.3	143048.4	-5951.2	5445	9.0	144648.9	-5938.9	5535	10.0	145920.7	-5942.2	5625	10.0	151000.1	-5946.6
5356	8.1	143054.7	-5912.8	5446	9.2	144718.7	-5950.5	5536	9.0	145933.3	-5925.2	5626	9.5	151008.1	-5909.3
5357	9.3	143055.3	-5940.2	5447	10.0	144744.8	-5918.5	5537	10.0	145934.2	-5907.2	5627	9.8	151009.5	-5905.3
5358	10.0	143111.7	-5904.7	5448	10.5	144751.9	-5910.9	5538	10.0	145956.0	-5954.3	5628	8.6	151023.2	-5917.4
5359	11.3	143112.6	-5900.5	5449	10.3	144801.4	-5919.9	5539	9.9	150007.3	-5929.8	5629	10.0	151029.4	-5942.6
5360	10.0	143113.2	-5930.2	5450	10.3	144817.5	-5915.4	5540	10.0	150010.1	-5911.2	5630	9.3	151037.5	-5950.6
5361	9.9	143115.2	-5929.2	5451	8.6	144830.8	-5926.5	5541	9.1	150011.7	-5928.0	5631	8.2	151037.6	-5956.1
5362	9.7	143140.3	-5923.8	5452	9.5	144843.7	-5908.9	5542	10.0	150013.8	-5919.2	5632	9.6	151042.0	-5905.0
5363	10.0	143159.4	-5948.6	5453	9.4	144854.1	-5918.0	5543	10.0	150017.2	-5903.2	5633	10.0	151043.5	-5951.6
5364	10.0	143201.8	-5926.2	5454	10.0	144904.5	-5950.5	5544	9.7	150043.8	-5914.7	5634	10.0	151044.0	-5932.6
5365	10.0	143209.7	-5926.2	5455	10.5	144914.0	-5946.8	5545	10.0	150049.2	-5933.3	5635	10.0	151049.4	-5926.6
5366	10.0	143235.2	-5935.4	5456	10.3	144934.0	-5927.0	5546	8.5	150052.1	-5937.3	5636	10.0	151053.0	-5905.3
5367	9.5	143242.0	-5918.0	5457	9.3	144954.2	-5912.9	5547	10.0	150100.0	-5942.3	5637	10.0	151054.0	-5949.6
5368	10.0	143250.1	-5958.2	5458	10.5	144956.1	-5950.0	5548	9.2	150107.1	-5945.3	5638	10.0	151103.5	-5925.6
5369	10.0	143253.0	-5924.2	5459	10.0	145004.2	-5937.0	5549	9.6	150107.4	-5906.2	5639	10.0	151119.5	-5920.6
5370	9.8	143258.3	-5922.8	5460	9.8	145012.3	-5929.0	5550	9.7	150108.6	-5943.3	5640	10.0	151121.0	-5909.4
5371	10.0	143317.5	-5937.2	5461	10.0	145014.9	-5939.0	5551	9.5	150117.4	-5907.2	5641	9.4	151128.9	-5935.6
5372	8.1	143328.2	-5932.2	5462	10.0	145018.2	-5958.0	5552	10.0	150122.3	-5959.3	5642	10.0	151157.5	-5916.6
5373	10.0	143335.3	-5924.6	5463	10.0	145025.8	-5955.0	5553	10.0	150147.4	-5932.3	5643	10.0	151159.2	-5945.6
5374	9.7	143350.9	-5918.8	5464	10.0	145034.0	-5952.4	5554	10.0	150148.8	-5926.3	5644	9.5	151202.4	-5920.6
5375	9.9	143412.9	-5935.2	5465	10.0	145041.1	-5941.1	5555	9.3	150153.6	-5913.7	5645	9.5	151204.0	-5917.6
5376	9.9	143419.8	-5940.4	5466	7.3	145103.2	-5918.2	5556	9.0	150154.3	-5916.8	5646	9.5	151222.5	-5909.1
5377	10.0	143428.3	-5920.2	5467	8.8	145104.0	-5949.1	5557	10.0	150202.0	-5931.3	5647	9.6	151232.4	-5921.6
5378	9.9	143442.2	-5927.2	5468	9.3	145123.2	-5923.4	5558	9.6	150203.2	-5925.3	5648	10.0	151234.0	-5915.8
5379	10.3	143521.3	-5914.2	5469	9.8	145127.9	-5920.0	5559	9.3	150224.8	-5903.2	5649	5.8	151235.2	-5919.0
5380	9.6	143529.8	-5918.6	5470	10.0	145154.9	-5929.1	5560	10.0	150232.3	-5952.3	5650	9.9	151240.5	-5919.6
5381	10.0	143550.8	-5942.3	5471	9.1	145157.2	-5908.5	5561	7.4	150246.6	-5936.3	5651	8.7	151241.4	-5953.6
5382	10.0	143553.8	-5910.6	5472	10.0	145200.4	-5918.1	5562	7.4	150249.3	-5954.3	5652	9.4	151242.9	-5953.6
5383	10.0	143602.8	-5941.0	5473	10.5	145214.9	-5918.0	5563	10.0	150254.3	-5948.3	5653	9.1	151259.0	-5928.6
5384	8.6	143606.0	-5902.6	5474	10.0	145217.8	-5958.1	5564	9.8	150304.4	-5918.3	5654	9.8	151308.2	-5918.4
5385	10.0	143611.8	-5942.3	5475	9.9	145227.9	-5902.0	5565	9.7	150304.4	-5936.3	5655	10.0	151311.6	-5950.6
5386	11.3	143621.8	-5907.3	5476	10.5	145228.0	-5919.0	5566	9.0	150307.6	-5919.2	5656	10.0	151314.1	-5934.6
5387	10.0	143649.9	-5942.3	5477	9.3	145237.0	-5937.1	5567	8.5	150308.6	-5902.2	5657	8.6	151316.4	-5947.6
5388	10.0	143653.6	-5957.3	5478	9.9	145243.8	-5949.6	5568	9.6	150344.3	-5951.4	5658	9.2	151317.3	-5909.8
5389	8.8	143703.8	-5914.9	5479	10.0	145303.3	-5944.1	5569	10.0	150352.5	-5948.4	5659	9.4	151322.5	-5959.6
5390	8.3	143707.2	-5930.3	5480	10.0	145306.7	-5926.1	5570	10.0	150357.0	-5957.4	5660	10.0	151324.5	-5917.6
5391	9.3	143708.5	-5935.3	5481	11.0	145310.1	-5908.0	5571	10.0	150411.4	-5918.2	5661	10.0	151326.3	-5944.6
5392	9.6	143735.8	-5941.3	5482	10.0	145317.7	-5958.1	5572	10.0	150418.3	-5928.4	5662	10.0	151336.4	-5941.6
5393	10.0	143736.2	-5929.3	5483	10.0	145319.8	-5949.1	5573	10.0	150418.5	-5944.4	5663	10.0	151341.6	-5954.7
5394	10.0	143743.1	-5958.3	5484	9.8	145332.3	-5937.1	5574	10.0	150419.2	-5946.4	5664	10.0	151345.7	-5945.7
5395	10.5	143754.1	-5903.6	5485	9.7	145352.6	-5937.1	5575	10.0	150421.0	-5906.5	5665	10.0	151352.2	-5954.7
5396	10.0	143804.4	-5904.6	5486	9.9	145356.8	-5952.1	5576	10.0	150431.0	-5909.0	5666	10.0	151352.5	-5906.0
5397	10.0	143812.8	-5943.3	5487	9.3	145402.9	-5919.1	5577	10.0	150432.4	-5910.2	5667	10.0	151355.2	-5942.7
5398	9.1	143814.9	-5953.6	5488	10.0	145404.6	-5948.1	5578	7.2	150438.4	-5915.8	5668	9.0	151407.1	-5900.4
5399	10.0	143842.4	-5917.9	5489	10.0	145412.5	-5956.1	5579	7.4	150447.5	-5920.8	5669	10.0	151418.6	-5940.7
5400	9.1	143844.6	-5900.6	5490	10.0	145413.2	-5943.1	5580	8.9	150451.4	-5919.8	5670	9.5	151423.5	-5904.3
5401	9.7	143851.3	-5927.6	5491	10.0	145414.4	-5936.1	5581	9.8	150455.4	-5910.2	5671	9.6	151424.9	-5933.7
5402	10.0	143854.3	-5928.4	5492	9.5	145420.5	-5931.1	5582	9.3	150514.2	-5931.4	5672	9.8	151426.2	-5912.4
5403	9.4	143858.2	-5915.7	5493	11.0	145437.8	-5909.1	5583	9.5	150518.3	-5900.2	5673	8.8	151428.5	-5918.0
5404	10.0	143915.6	-5937.3	5494	9.8	145438.0	-5920.0	5584	10.0	150523.9	-5943.4	5674	9.0	151430.0	-5916.9
5405	9.8	143921.8	-5901.5	5495	9.4	145447.0	-5951.5	5585	8.2	150547.7	-5945.4	5675	9.2	151432.5	-5941.7
5406	8.8	143941.9	-5922.7	5496	10.0	145454.2	-5933.2	5586	10.0	150605.2	-5937.4	5676	9.7	151433.6	-5940.7
5407	8.8	143949.9	-5932.8	5497	9.8	145503.0	-5953.2	5587	10.0	150609.8	-5945.4	5677	10.0	151434.5	-5934.7
5408	8.7	144000.5	-5911.5	5498	8.3	145503.1	-5918.1	5588	9.3	150615.9	-5917.8	5678	10.0	151440.5	-5943.7
5409	9.6	144012.5	-5953.6	5499	10.0	145507.0	-5935.7	5589	10.0	150619.9	-5956.4	5679	10.0	151441.5	-5942.7
5410	11.0	144031.2	-5915.4	5500	9.2	145520.2	-5951.2	5590	10.0	150623.8	-5914.8	5680	10.0	151448.3	-5929.7
5411	10.0	144041.0	-5923.4	5501	8.3	145522.8	-5958.2	5591	9.8	150630.7	-5916.2	5681	10.0	151452.0	-5959.7
5412	10.0	144043.0	-5940.4	5502	9.9	145530.0	-5919.0	5592	9.8	150632.3	-5911.2	5682	9.3	151453.0	-5948.7
5413	10.0	144045.2	-5921.4	5503	10.3	145536.0	-5918.4	5593	9.8	150648.0	-5914.8	5683	10.0	151505.0	-5939.7
5414	9.9	144046.3	-5942.8	5504	10.0	145543.0	-5921.2	5594	9.5	150656.0	-5911.3	5684	9.8	151511.0	-5907.0
5415	9.2	144050.4	-5904.4	5505	10.0	145601.9	-5954.2	5595	10.0	150656.6	-5918.5	5685	9.4	151515.5	-5957.7
5416	10.8	144050.9	-5902.7	5506	9.9	145608.7	-5916.8	5596	9.3	150703.3	-5931.5	5686	9.6	151524.8	-5900.0
5417	10.0	144053.2	-5932.4	5507	9.7	145612.3	-5925.2	5597	8.4	150711.5	-5919.9	5687	10.0	151530.4	-5938.7
5418	9.7	144058.9	-5949.4	5508	9.9	145614.4	-5924.2	5598	9.1	150730.2	-5949.5	5688	9.5	151531.7	-5947.7
5419	8.7	144103.3	-5940.6	5509	9.9	145624.7	-5939.2	5599	10.0	150745.2	-5952.5	5689	10.0	151539.0	-5922.7
5420	9.5	144114.2	-5945.6	5510	9.4	145633.0	-5919.3	5600	9.5	150746.0	-5906.0	5690	9.5	151539.0	-5942.7

-59 5690 15h15m

-59 5691 15h15m

-59 6050 16h02m

5691	9.2	151544.1	-5905.8	5781	9.6	152825.1	-5952.0	5871	10.0	153957.0	-5950.9
5692	9.6	151544.9	-5929.7	5782	9.7	152826.7	-5957.0	5872	10.0	153959.5	-5932.9
5693	10.0	151556.4	-5915.7	5783	9.5	152828.7	-5907.9	5873	9.8	154002.1	-5934.9
5694	9.0	151600.0	-5916.5	5784	11.0	152853.2	-5934.9	5874	9.9	154002.7	-5948.9
5695	10.0	151602.5	-5935.7	5785	9.3	152917.3	-5901.9	5875	10.0	154008.9	-5943.9
5696	9.9	151604.9	-5942.7	5786	9.9	152919.8	-5916.5	5876	10.0	154010.4	-5924.9
5697	9.2	151608.0	-5922.7	5787	10.0	152934.0	-5957.0	5877	9.9	154020.5	-5916.9
5698	9.5	151637.9	-5913.6	5788	9.5	152939.2	-5900.9	5878	10.0	154021.7	-5947.9
5699	8.7	151638.1	-5951.7	5789	6.3	152944.1	-5929.0	5879	10.0	154023.9	-5935.9
5700	9.1	151640.2	-5924.7	5790	9.6	152957.4	-5945.0	5880	9.7	154027.4	-5941.9
5701	8.0	151645.6	-5930.7	5791	11.0	153026.2	-5940.5	5881	10.0	154029.5	-5934.9
5702	10.5	151710.5	-5924.7	5792	9.5	153031.4	-5918.0	5882	10.0	154107.6	-5945.0
5703	11.0	151710.5	-5933.8	5793	9.8	153032.5	-5926.0	5883	9.6	154108.4	-5933.0
5704	9.5	151719.1	-5902.6	5794	10.5	153032.5	-5957.0	5884	10.0	154109.8	-5930.0
5705	10.0	151719.8	-5905.6	5795	9.5	153042.9	-5947.1	5885	10.0	154115.5	-5940.0
5706	11.8	151722.6	-5936.4	5796	9.6	153100.8	-5919.0	5886	10.0	154117.2	-5941.0
5707	10.8	151733.8	-5917.0	5797	10.0	153117.3	-5913.0	5887	9.9	154120.4	-5913.4
5708	10.8	151743.8	-5924.9	5798	9.7	153118.5	-5918.0	5888	9.9	154132.3	-5943.0
5709	11.5	151748.7	-5958.1	5799	9.6	153126.9	-5957.1	5889	10.3	154132.7	-5951.0
5710	9.8	151757.9	-5915.2	5800	9.8	153128.0	-5950.1	5890	10.0	154136.3	-5927.0
5711	10.5	151757.9	-5959.8	5801	10.5	153129.8	-5919.7	5891	9.7	154139.1	-5951.0
5712	9.0	151819.7	-5949.8	5802	9.9	153143.1	-5900.0	5892	10.0	154149.3	-5911.8
5713	10.5	151825.6	-5953.8	5803	10.0	153233.2	-5905.0	5893	10.3	154156.3	-5915.0
5714	10.0	151842.9	-5906.6	5804	11.0	153243.5	-5936.1	5894	9.5	154157.4	-5900.5
5715	9.1	151855.6	-5940.8	5805	9.6	153250.8	-5916.6	5895	10.0	154158.3	-5938.0
5716	9.6	151859.0	-5959.8	5806	8.3	153310.2	-5913.0	5896	10.0	154204.8	-5955.0
5717	11.0	151859.0	-5931.8	5807	9.5	153318.0	-5957.1	5897	9.9	154207.2	-5942.0
5718	10.8	151910.8	-5954.8	5808	10.0	153327.1	-5916.0	5898	9.7	154219.3	-5912.8
5719	10.5	151911.9	-5941.8	5809	11.0	153334.2	-5954.1	5899	9.5	154220.0	-5943.0
5720	9.4	151912.7	-5934.8	5810	6.7	153334.8	-5953.1	5900	10.0	154244.8	-5910.6
5721	10.8	151913.8	-5946.8	5811	10.5	153339.7	-5928.1	5901	9.9	154249.2	-5955.0
5722	10.0	151918.8	-5915.2	5812	10.0	153340.7	-5930.9	5902	10.0	154259.6	-5956.0
5723	10.0	151925.8	-5923.8	5813	10.0	153345.8	-5903.0	5903	10.0	154301.2	-5933.0
5724	9.9	151929.8	-5922.8	5814	10.0	153413.3	-5939.9	5904	9.8	154302.7	-5931.0
5725	9.3	151929.8	-5916.8	5815	8.3	153423.9	-5949.9	5905	10.0	154310.5	-5910.0
5726	9.8	151946.6	-5951.8	5816	10.0	153428.1	-5943.9	5906	10.0	154318.2	-5938.0
5727	9.8	151953.1	-5917.7	5817	8.9	153428.4	-5933.9	5907	10.0	154319.8	-5924.0
5728	11.3	151959.2	-5941.4	5818	10.0	153434.7	-5924.9	5908	9.3	154336.5	-5914.6
5729	10.5	152002.0	-5952.8	5819	8.6	153439.8	-5920.5	5909	9.9	154345.6	-5944.0
5730	9.3	152006.4	-5918.8	5820	10.0	153451.0	-5938.9	5910	9.8	154353.5	-5929.0
5731	9.5	152030.3	-5918.3	5821	10.0	153509.7	-5937.9	5911	10.3	154353.9	-5919.0
5732	9.5	152032.6	-5913.0	5822	10.0	153512.3	-5916.9	5912	10.0	154400.0	-5949.1
5733	11.3	152044.3	-5925.3	5823	10.0	153512.5	-5946.9	5913	10.0	154427.8	-5928.1
5734	10.0	152047.1	-5941.8	5824	10.0	153513.9	-5931.9	5914	10.0	154432.0	-5928.1
5735	10.0	152049.1	-5946.8	5825	9.7	153515.8	-5902.1	5915	10.0	154433.0	-5941.1
5736	11.0	152049.2	-5948.3	5826	9.8	153524.8	-5911.9	5916	10.0	154454.0	-5916.1
5737	10.0	152050.4	-5951.8	5827	9.8	153525.4	-5943.9	5917	6.1	154504.9	-5948.1
5738	10.0	152054.8	-5922.8	5828	9.8	153526.1	-5919.9	5918	10.5	154525.3	-5919.1
5739	10.5	152055.9	-5921.8	5829	10.0	153531.3	-5919.9	5919	8.8	154526.3	-5912.7
5740	9.5	152058.5	-5906.0	5830	10.4	153543.7	-5947.9	5920	9.4	154532.2	-5959.1
5741	9.2	152059.4	-5922.8	5831	9.9	153554.0	-5943.9	5921	8.1	154535.4	-5941.1
5742	11.0	152102.7	-5948.4	5832	9.2	153606.3	-5951.9	5922	9.8	154609.4	-5916.1
5743	10.5	152104.2	-5952.5	5833	10.0	153611.8	-5914.9	5923	9.4	154618.9	-5919.7
5744	11.3	152105.3	-5924.4	5834	9.8	153625.8	-5912.4	5924	9.2	154619.3	-5909.7
5745	10.8	152129.3	-5926.8	5835	9.8	153639.7	-5948.9	5925	9.8	154627.8	-5911.7
5746	11.0	152133.7	-5958.0	5836	10.0	153640.4	-5902.0	5926	9.6	154636.4	-5939.1
5747	9.5	152136.8	-5908.2	5837	10.3	153645.3	-5943.9	5927	8.8	154637.6	-5902.7
5748	11.3	152139.5	-5957.9	5838	10.3	153646.2	-5932.9	5928	10.5	154704.7	-5937.2
5749	8.8	152204.9	-5944.9	5839	9.2	153648.6	-5903.0	5929	9.8	154707.2	-5908.2
5750	9.8	152210.0	-5925.9	5840	10.0	153659.8	-5922.9	5930	10.0	154709.8	-5909.6
5751	10.0	152222.5	-5934.9	5841	10.0	153700.4	-5941.9	5931	7.5	154712.9	-5950.5
5752	9.8	152225.0	-5906.8	5842	10.0	153707.7	-5916.9	5932	11.0	154728.7	-5957.2
5753	11.0	152232.2	-5931.4	5843	9.9	153713.2	-5921.9	5933	9.0	154731.3	-5905.7
5754	9.5	152240.3	-5919.9	5844	9.3	153721.6	-5901.7	5934	10.0	154731.7	-5934.2
5755	9.5	152246.7	-5933.9	5845	10.3	153739.7	-5938.9	5935	9.3	154733.8	-5908.9
5756	9.5	152247.0	-5921.9	5846	10.0	153744.3	-5944.9	5936	10.0	154734.8	-5945.2
5757	9.6	152249.3	-5925.9	5847	10.0	153745.3	-5938.9	5937	9.4	154737.8	-5929.2
5758	10.8	152250.2	-5924.9	5848	10.0	153754.6	-5949.9	5938	10.0	154743.8	-5937.2
5759	10.5	152258.8	-5929.4	5849	9.9	153759.9	-5933.9	5939	9.0	154755.2	-5903.2
5760	11.3	152305.7	-5946.2	5850	10.0	153807.5	-5942.9	5940	10.3	154804.0	-5943.2
5761	10.5	152316.2	-5930.4	5851	10.0	153807.5	-5929.9	5941	8.7	154805.8	-5908.8
5762	9.7	152331.0	-5907.0	5852	9.6	153825.5	-5913.9	5942	10.5	154808.3	-5939.2
5763	11.0	152339.8	-5927.6	5853	10.0	153831.3	-5924.9	5943	9.5	154808.6	-5919.2
5764	11.3	152414.8	-5916.9	5854	6.0	153831.7	-5958.9	5944	10.0	154856.1	-5934.2
5765	8.2	152419.0	-5921.9	5855	9.9	153832.1	-5956.9	5945	10.0	154858.7	-5926.2
5766	9.7	152419.2	-5911.8	5856	9.8	153832.8	-5951.9	5946	10.3	154859.0	-5941.2
5767	9.8	152421.2	-5909.8	5857	10.0	153835.7	-5958.9	5947	9.7	154916.8	-5912.8
5768	10.0	152450.6	-5902.8	5858	10.5	153846.2	-5933.9	5948	10.0	154918.0	-5945.2
5769	10.0	152529.5	-5901.8	5859	9.5	153846.7	-5928.9	5949	9.5	154933.2	-5921.2
5770	10.3	152552.3	-5951.9	5860	10.0	153853.0	-5944.9	5950	10.0	154934.8	-5933.2
5771	9.6	152555.3	-5919.9	5861	9.9	153853.4	-5934.9	5951	11.0	154935.9	-5937.2
5772	10.0	152555.4	-5917.9	5862	9.9	153901.3	-5924.9	5952	9.5	154946.3	-5924.2
5773	9.8	152646.5	-5909.9	5863	9.2	153909.6	-5945.9	5953	9.3	154953.2	-5921.2
5774	11.0	152702.2	-5949.5	5864	10.5	153912.7	-5939.9	5954	9.6	154953.2	-5929.2
5775	9.5	152729.6	-5946.0	5865	9.8	153919.1	-5938.9	5955	10.0	155002.0	-5953.3
5776	11.3	152730.2	-5950.1	5866	10.0	153929.1	-5958.9	5956	10.0	155002.3	-5950.3
5777	11.0	152739.8	-5920.5	5867	10.0	153945.5	-5926.9	5957	10.0	155013.9	-5914.8
5778	9.9	152748.2	-5919.9	5868	9.9	153947.5	-5951.9	5958	10.0	155018.4	-5928.3
5779	8.0	152750.8	-5927.0	5869	10.0	153947.6	-5958.9	5959	9.0	155022.5	-5900.3
5780	9.6	152752.6	-5937.0	5870	10.0	153956.2	-5933.0	5960	10.3	155023.3	-5930.3
5961	10.0	155025.1	-5937.3								
5962	9.5	155027.6	-5922.3								
5963	10.3	155028.0	-5936.3								
5964	9.0	155042.9	-5901.9								
5965	10.0	155057.4	-5954.3								
5966	10.3	155112.4	-5939.3								
5967	10.0	155117.1	-5928.3								
5968	11.0	155133.1	-5957.2								
5969	10.5	155136.8	-5926.0								
5970	10.3	155137.7	-5936.3								
5971	9.7	155138.3	-5947.3								
5972	10.5	155148.6	-5923.3								
5973	10.0	155149.8	-5922.8								
5974	10.0	155158.6	-5921.3								
5975	11.0	155206.7	-5936.9								
5976	9.5	155209.4	-5959.2								
5977	9.7	155216.2	-5940.3								
5978	7.0	155218.5	-5958.6								
5979	10.5	155226.7	-5952.0								
5980	9.3	155226.7	-5959.3								
5981	9.5	155233.6	-5959.4								
5982	9.7	155233.7	-5940.4								
5983	9.7	155237.6	-5902.3								
5984	10.0	155257.4	-5959.3								
5985	9.2	155259.2	-5947.3								
5986	9.7	155301.0	-5923.5								
5987	9.5	155303.8	-5944.3								
5988	10.0	155308.6	-5958.2								
5989	9.8	155312.3	-5914.8								
5990	9.6	155327.3	-5920.7								
5991	10.0	155327.4	-5956.7								
5992	8.5	155331.4	-5951.6								
5993	10.3	155343.7	-5953.4								
5994	10.0	155343.7	-5959.4								
5995	9.8	155358.3	-5914.7								
5996	9.5	155412.1	-5954.5								
5997	9.0	155412.7	-5908.3								
5998	9.2	155413.9	-5910.0								
5999	9.8	155418.2	-5944.7								
6000	10.5	155425.6	-5937.4								
6001	11.0	155428.8	-5938.4								
6002	11.0	155458.4	-5957.1								
6003	11.0	155500.2	-5927.4								
6004	9.5	155508.4	-5906.4								
6005	9.5	155531.9	-5950.4								
6006	9.5	155535.0	-5920.0								
6007	10.0	155538.9	-5910.4								
6008	9.7	155548.0	-5951.4								
6009	10.0	155554.9	-5916.4								
6010	9.0	155632.0	-5945.0								
6011	8.8	155635.5	-5910.0								
6012	9.0	155639.5	-5946.6								
6013	9.7	155648.0	-5944.4								
6014	10.0	155652.0	-5952.4								
6015	9.7	155653.9	-5904.4								
6016	9.5	155654.7	-5940.4								
6017	9.3	155701.2	-5951.4								
6018	10.3	155710.2	-5937.4								
6019	9.1	155713.8	-5902.0								
6020	10.0	155738.3	-5944.4								
6021	10.3	155750.7	-5959.4								
6022	11.0	155807.7	-5950.4								
6023	11.0	155817.3	-5944.4								
6024	11.0	155818.7	-5946.4								
6025	9.6	155840.9	-5957.9								
6026	10.0	155903.6	-5936.5								
6027	9.7	155904.5	-5956.5								
6028	9.0	155912.5	-5912.4								
6029	9.3	155919.5	-5944.5								
6030	10.0	155922.0	-5936.5								
6031	10.3	155930.1	-5938.5								
6032	9.1	155934.3	-5915.4								
6033	10.0	155939.9	-5939.5								
6034	9.7	155959.3	-5926.5								
6035	10.5	160000.1	-5924.5								
6036	10.0	160008.4	-5928.4								
6037	9.2	160035.5	-5932.5								
6038	8.1	160044.6	-5914.4								
6039	11.0	160045.0	-5934.5								
6040	9.2	160051.9	-5907.8								
6041	8.5	160115.9	-5905.4								
6042	10.5	160123.3	-5939.5								
6043	10.5	160129.3	-5942.5								
6044	10.3	160131.4	-5941.5								
6045	10.0	160131.9	-5908.4								
6046	9.5	160135.0	-5940.5								
6047	9.6	160148.9	-5906.4								
6048	10.3	160208.6	-5944.5								
6049	11.0	160228.8	-5935.5								
6050	8.5	160233.2	-5942.5								

-59 6051 16h02m

-59 6410 16h52m

6051	10.3	160248.6	-5926.6	6141	9.0	161417.3	-5915.0	6231	10.5	162722.2	-5938.4
6052	10.0	160310.2	-5919.6	6142	10.0	161417.8	-5945.9	6232	9.8	162738.9	-5912.4
6053	9.2	160319.3	-5903.8	6143	10.5	161421.3	-5916.9	6233	10.0	162743.2	-5932.4
6054	10.3	160330.7	-5924.6	6144	9.0	161426.7	-5912.0	6234	9.5	162746.2	-5920.4
6055	8.3	160331.2	-5948.6	6145	10.3	161434.3	-5954.9	6235	9.8	162752.8	-5908.4
6056	10.4	160332.7	-5956.6	6146	9.7	161439.1	-5941.9	6236	9.1	162804.3	-5925.3
6057	8.6	160336.5	-5914.6	6147	10.0	161444.8	-5922.9	6237	9.8	162822.5	-5932.3
6058	10.5	160336.7	-5936.6	6148	9.2	161454.2	-5908.0	6238	10.8	162835.7	-5942.4
6059	10.3	160343.7	-5951.6	6149	9.8	161509.2	-5900.0	6239	8.8	162840.3	-5957.4
6060	10.5	160344.7	-5938.6	6150	9.8	161519.8	-5908.0	6240	10.3	162900.0	-5923.5
6061	10.0	160352.8	-5915.6	6151	10.0	161519.8	-5942.0	6241	10.5	162902.8	-5919.5
6062	10.0	160356.2	-5914.6	6152	10.0	161522.5	-5926.0	6242	10.8	162907.4	-5926.5
6063	9.8	160404.4	-5909.6	6153	10.3	161528.5	-5930.0	6243	10.5	162912.3	-5957.5
6064	11.0	160413.8	-5941.6	6154	9.8	161532.5	-5909.0	6244	8.8	162914.2	-5903.6
6065	8.5	160418.0	-5927.6	6155	10.0	161551.7	-5952.0	6245	9.6	162957.6	-5952.5
6066	9.5	160420.0	-5904.6	6156	8.7	161558.0	-5929.0	6246	11.3	163021.8	-5948.5
6067	7.7	160420.1	-5921.6	6157	9.5	161604.0	-5929.0	6247	11.5	163021.8	-5927.5
6068	8.5	160429.0	-5946.6	6158	9.3	161610.4	-5927.0	6248	10.0	163031.3	-5937.5
6069	10.3	160430.0	-5957.6	6159	8.7	161612.3	-5928.0	6249	11.3	163034.9	-5923.5
6070	9.5	160435.4	-5919.6	6160	8.9	161613.8	-5918.0	6250	8.7	163038.0	-5941.5
6071	9.7	160440.9	-5910.6	6161	8.2	161627.7	-5912.0	6251	8.8	163103.0	-5904.4
6072	10.5	160447.1	-5958.6	6162	9.7	161637.9	-5941.0	6252	9.2	163108.7	-5911.4
6073	10.0	160500.7	-5951.6	6163	9.2	161650.1	-5912.7	6253	11.5	163112.2	-5943.5
6074	9.5	160500.8	-5903.6	6164	10.0	161659.9	-5921.0	6254	11.5	163117.6	-5926.5
6075	11.0	160503.8	-5931.6	6165	10.0	161707.7	-5933.1	6255	11.0	163124.4	-5950.5
6076	11.0	160504.9	-5932.6	6166	9.2	161710.0	-5934.0	6256	11.3	163132.4	-5952.5
6077	10.0	160520.5	-5921.7	6167	11.0	161713.6	-5944.1	6257	10.3	163146.9	-5935.5
6078	9.7	160526.0	-5951.7	6168	9.3	161724.2	-5937.0	6258	9.0	163201.3	-5909.4
6079	10.5	160532.3	-5915.6	6169	10.0	161728.6	-5948.1	6259	11.5	163205.2	-5938.6
6080	10.3	160534.9	-5928.7	6170	8.7	161729.6	-5938.1	6260	11.3	163209.4	-5943.6
6081	10.0	160608.6	-5913.7	6171	9.7	161752.3	-5916.1	6261	11.0	163220.5	-5939.6
6082	10.0	160610.7	-5936.7	6172	9.0	161837.8	-5918.1	6262	9.8	163221.7	-5944.6
6083	10.5	160610.7	-5934.7	6173	8.8	161842.0	-5912.1	6263	9.6	163225.2	-5934.6
6084	10.0	160614.3	-5909.7	6174	8.8	161849.0	-5904.9	6264	10.0	163246.1	-5956.8
6085	10.0	160616.2	-5916.7	6175	11.0	161850.2	-5922.1	6265	10.0	163302.1	-5953.8
6086	9.5	160638.2	-5926.7	6176	11.0	161851.2	-5925.1	6266	7.8	163317.0	-5913.6
6087	10.0	160640.3	-5946.7	6177	11.0	161854.6	-5922.1	6267	10.0	163320.3	-5931.8
6088	9.7	160641.6	-5901.7	6178	10.0	161855.5	-5944.1	6268	9.1	163321.3	-5924.8
6089	10.0	160649.4	-5959.7	6179	10.5	161902.7	-5937.1	6269	9.8	163328.1	-5945.8
6090	9.7	160656.0	-5946.7	6180	10.5	161903.6	-5923.1	6270	9.5	163342.2	-5910.5
6091	9.8	160703.5	-5912.7	6181	10.0	161909.0	-5938.1	6271	10.0	163344.0	-5958.8
6092	9.0	160719.5	-5948.7	6182	10.0	161927.9	-5916.1	6272	9.9	163344.7	-5918.8
6093	10.5	160721.7	-5938.7	6183	10.0	161929.9	-5937.1	6273	10.0	163345.8	-5925.8
6094	9.7	160735.6	-5956.7	6184	10.5	161942.3	-5927.1	6274	8.8	163410.6	-5912.5
6095	9.7	160740.7	-5952.7	6185	8.0	161954.8	-5940.1	6275	10.0	163424.1	-5933.9
6096	9.7	160745.7	-5956.7	6186	10.5	161956.2	-5941.1	6276	9.9	163428.2	-5958.9
6097	10.0	160802.4	-5905.7	6187	10.5	161956.7	-5940.1	6277	10.0	163438.9	-5943.9
6098	9.7	160807.1	-5936.7	6188	9.7	161957.6	-5935.1	6278	10.0	163443.0	-5927.9
6099	10.0	160808.6	-5919.7	6189	10.5	161959.0	-5932.1	6279	10.0	163445.5	-5931.9
6100	9.9	160817.3	-5910.7	6190	10.0	162031.0	-5948.2	6280	10.0	163453.6	-5953.9
6101	9.7	160840.7	-5922.7	6191	10.0	162048.4	-5925.2	6281	10.0	163458.0	-5943.9
6102	9.7	160856.6	-5917.8	6192	9.7	162059.0	-5953.2	6282	10.5	163459.6	-5952.9
6103	10.5	160856.6	-5957.8	6193	9.7	162110.7	-5915.2	6283	9.0	163521.1	-5916.7
6104	10.5	160903.8	-5946.8	6194	9.7	162113.9	-5924.2	6284	9.1	163548.7	-5958.9
6105	9.6	160905.1	-5918.8	6195	10.0	162119.3	-5950.2	6285	10.0	163551.4	-5943.9
6106	10.5	160916.2	-5935.8	6196	10.0	162126.1	-5901.1	6286	9.2	163617.4	-5940.9
6107	10.0	160919.9	-5920.8	6197	10.3	162142.1	-5944.2	6287	9.3	163622.3	-5931.9
6108	8.5	160921.5	-5922.8	6198	10.5	162146.1	-5953.2	6288	10.0	163623.8	-5947.9
6109	9.7	160923.4	-5946.8	6199	10.5	162154.9	-5927.2	6289	7.5	163633.4	-5926.9
6110	10.0	160925.5	-5935.8	6200	10.0	162156.4	-5952.2	6290	9.4	163643.9	-5947.9
6111	10.0	160934.7	-5934.8	6201	10.5	162202.8	-5917.2	6291	9.7	163646.3	-5928.0
6112	11.0	161001.4	-5922.8	6202	11.0	162209.2	-5920.2	6292	10.0	163654.7	-5948.0
6113	9.7	161010.0	-5919.8	6203	10.5	162221.4	-5941.2	6293	8.6	163656.1	-5940.0
6114	11.0	161012.8	-5956.8	6204	10.0	162230.0	-5950.2	6294	9.9	163709.6	-5952.0
6115	9.5	161034.8	-5948.8	6205	9.2	162231.8	-5911.2	6295	10.0	163715.3	-5949.0
6116	9.8	161036.2	-5912.8	6206	9.5	162303.7	-5905.2	6296	10.0	163721.7	-5919.0
6117	9.7	161043.2	-5920.8	6207	9.6	162307.6	-5959.3	6297	10.0	163725.5	-5958.0
6118	10.0	161048.7	-5901.8	6208	9.5	162309.2	-5913.2	6298	9.8	163736.2	-5908.6
6119	10.0	161104.4	-5941.8	6209	11.0	162310.8	-5943.2	6299	10.0	163736.2	-5919.0
6120	9.7	161109.3	-5920.8	6210	9.8	162322.3	-5927.2	6300	8.8	163738.7	-5908.6
6121	10.0	161114.0	-5905.8	6211	11.0	162326.0	-5916.2	6301	10.0	163750.8	-5952.0
6122	10.0	161123.1	-5909.8	6212	10.0	162344.2	-5904.2	6302	9.3	163752.1	-5947.0
6123	9.8	161125.8	-5910.8	6213	9.8	162346.8	-5902.2	6303	10.0	163753.7	-5950.0
6124	10.3	161131.8	-5957.8	6214	10.5	162416.5	-5948.2	6304	9.3	163758.3	-5937.0
6125	9.9	161133.1	-5929.8	6215	10.5	162427.1	-5933.2	6305	8.7	163801.0	-5907.6
6126	10.5	161155.9	-5921.8	6216	9.5	162451.6	-5911.3	6306	10.0	163805.1	-5952.0
6127	9.7	161159.8	-5943.9	6217	10.3	162453.6	-5941.2	6307	10.0	163815.0	-5941.0
6128	9.0	161218.3	-5946.8	6218	10.8	162505.0	-5957.2	6308	10.0	163816.2	-5938.0
6129	9.7	161218.4	-5958.9	6219	11.0	162513.5	-5925.2	6309	9.0	163826.5	-5915.6
6130	10.5	161229.0	-5930.9	6220	10.3	162520.9	-5959.2	6310	10.0	163828.1	-5916.0
6131	11.0	161232.8	-5935.9	6221	10.3	162525.9	-5930.3	6311	10.0	163828.3	-5951.0
6132	9.2	161237.3	-5905.9	6222	9.9	162530.0	-5937.3	6312	8.5	163837.3	-5931.0
6133	9.0	161243.7	-5948.9	6223	11.3	162532.4	-5936.3	6313	10.0	163907.1	-5957.0
6134	9.4	161244.7	-5918.9	6224	9.6	162606.8	-5927.4	6314	9.9	163911.6	-5945.0
6135	8.8	161253.0	-5949.9	6225	11.5	162612.3	-5917.4	6315	10.0	163912.0	-5927.0
6136	10.3	161304.2	-5941.9	6226	10.8	162617.4	-5952.9	6316	9.4	163921.2	-5920.0
6137	9.0	161328.1	-5915.9	6227	10.5	162640.3	-5927.4	6317	9.8	163944.2	-5949.1
6138	10.0	161346.3	-5919.9	6228	8.8	162642.9	-5900.3	6318	9.6	163949.7	-5928.1
6139	9.7	161358.8	-5926.9	6229	11.0	162716.2	-5942.4	6319	9.6	163950.8	-5930.1
6140	10.0	161415.0	-5944.9	6230	10.3	162719.0	-5928.4	6320	9.1	164012.6	-5951.1
								6321	10.0	164014.2	-5938.1
								6322	8.0	164027.3	-5917.9
								6323	10.0	164039.9	-5940.1
								6324	9.0	164047.1	-5931.1
								6325	10.0	164051.5	-5924.1
								6326	9.4	164056.8	-5931.1
								6327	10.0	164057.9	-5919.1
								6328	10.0	164103.2	-5940.1
								6329	9.1	164103.6	-5949.1
								6330	10.0	164106.6	-5902.7
								6331	9.9	164149.2	-5934.1
								6332	9.9	164153.1	-5954.1
								6333	9.9	164209.9	-5942.1
								6334	9.3	164214.9	-5951.1
								6335	10.0	164220.7	-5959.1
								6336	10.0	164232.7	-5959.1
								6337	10.0	164236.7	-5909.8
								6338	8.9	164245.2	-5928.2
								6339	10.0	164254.6	-5946.2
								6340	10.0	164258.7	-5938.2
								6341	10.0	164304.0	-5921.2
								6342	10.0	164317.6	-5956.2
								6343	10.0	164322.7	-5944.2
								6344	10.0	164332.1	-5948.2
								6345	9.7	164341.6	-5914.2
								6346	9.2	164349.3	-5902.0
								6347	8.2	164349.4	-5931.2
								6348	10.0	164352.4	-5932.2
								6349	9.7	164403.9	-5922.2
								6350	10.0	164418.8	-5918.0
								6351	10.0	164420.4	-5927.2
								6352	10.0	164426.2	-5959.2
								6353	9.4	164449.9	-5938.2
								6354	7.5	164452.1	-5912.9
								6355	9.7	164454.0	-5933.2
								6356	9.7	164455.8	-5929.2
								6357	10.0	164511.5	-5951.2
								6358	8.1	164516.0	-5957.2
								6359	10.0	164534.0	-5933.2
								6360	9.6	164536.2	-5921.3
								6361	9.6	164549.2	-5917.1
								6362	10.0	164608.7	-5934.3
								6363	8.9	164610.9	-5904.9
								6364	9.5	164620.9	-5924.3
								6365	10.0	164635.9	-5932.3
								6366	10.0	164637.4	-5934.3
								6367	10.0	164640.7	-5957.3
								6368	10.0	164657.1	-5944.3
								6369	10.0	164704.9	-5942.3
								6370	10.0	164707.3	-5922.3
								6371	9.9	164708.7	-5923.3
								6372	9.5	164710.6	-5901.9
								6373	9.0	164723.1	-5951.3
								6374	10.0	164758.8	-5940.3
								6375	9.7	164804.3	-5925.3
								6376	10.0	164808.6	-5921.3
								6377	10.0	164816.2	-5923.3
								6378	9.5	164825.6	-5951.4
								6379	10.0	164844.8	-5929.4
								6380	9.0	164850.3	-5932.4
								6381	10.0	164852.9	-5937.4
								6382	10.0	164854.8	-5917.4
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								6384	9.8	164902.9	-5950.4
								6385	9.2	164908.2	-5906.0
								6386	9.9	164918.1	-5954.4
								6387	10.0	164937.0	-5926.4
								6388	9.3	164952.3	-5931.4
								6389	9.0	164952.4	-5941.4
								6390	9.8	165009.7	-5924.4
								6391	9.4	165010.9	-5923.7
								6392	10.0	165012.2	-5922.4
								6393	8.6	165022.9	-5933.4
								6394	9.8	165027.9	-5923.4
								6395	8.1	165030.5	-5915.7
								6396	10.0	165037.3	-5930.4
								6397	9.9	165041.6	-5949.4
								6398	10.0	165041.6	-5948.4
								6399	10.0	165050.7	-5958.4
								6400	9.8	165057.6	-5951.4
								6401	9.7	165114.0	-5909.0
								6402	9.7	165123.6	-5947.5
								6403	9.9	165130.1	-5939.5
								6404	10.0	165150.8	-5959.5
								6405	10.0	165153.0	-5931.5
								6406	9.9	165211.3	-5952.5
								6407	10.0	165217.4	-5942.5
								6408	10.0	165225.5	-5928.5
								6409	10.0	165228.5	-5951.5
								6410	10.0	165231.1	-5938.5

-59 6411 16h52m

-59 6770 17h52m

6411	10.0	165237.7	-5951.5	6501	9.1	170729.3	-5904.6	6591	8.7	171833.0	-5941.4
6412	9.8	165301.9	-5913.1	6502	10.0	170738.7	-5932.0	6592	9.9	171835.6	-5953.4
6413	9.7	165303.7	-5959.5	6503	10.0	170745.5	-5957.0	6593	10.0	171849.8	-5934.4
6414	10.0	165315.1	-5945.5	6504	10.0	170751.4	-5946.0	6594	10.0	171902.7	-5911.6
6415	9.7	165318.4	-5905.1	6505	9.5	170753.2	-5939.0	6595	10.0	171926.2	-5901.6
6416	9.0	165338.4	-5941.5	6506	6.0	170809.0	-5933.0	6596	10.0	171927.8	-5900.6
6417	10.0	165344.5	-5918.8	6507	10.0	170810.9	-5916.0	6597	10.0	171932.0	-5931.4
6418	10.5	165347.3	-5909.1	6508	9.6	170819.0	-5930.0	6598	10.0	171938.6	-5932.4
6419	10.0	165416.0	-5941.6	6509	10.5	170829.9	-5958.0	6599	9.5	171944.6	-5914.6
6420	9.6	165417.0	-5940.6	6510	9.7	170841.5	-5934.0	6600	10.0	171952.4	-5922.4
6421	9.7	165433.5	-5939.6	6511	10.5	170846.1	-5907.6	6601	9.7	171955.9	-5955.4
6422	9.4	165457.6	-5951.6	6512	10.5	170849.9	-5954.0	6602	10.0	172002.5	-5926.4
6423	9.9	165459.9	-5923.6	6513	10.0	170912.1	-5944.1	6603	10.0	172008.7	-5926.4
6424	9.6	165502.3	-5917.1	6514	10.0	170912.6	-5945.1	6604	9.8	172009.2	-5916.6
6425	9.2	165519.7	-5958.6	6515	10.0	170914.4	-5936.1	6605	9.5	172012.2	-5915.6
6426	9.0	165525.0	-5908.1	6516	10.0	170917.8	-5944.1	6606	10.5	172020.4	-5926.4
6427	9.8	165543.3	-5926.6	6517	10.0	170924.5	-5932.1	6607	9.9	172020.7	-5942.4
6428	10.0	165602.4	-5938.6	6518	9.7	170930.3	-5947.1	6608	10.0	172024.0	-5920.4
6429	10.0	165606.8	-5952.6	6519	10.3	170932.0	-5907.6	6609	9.5	172029.6	-5905.7
6430	10.0	165610.2	-5942.6	6520	9.7	170936.6	-5928.1	6610	10.0	172032.1	-5931.5
6431	10.0	165611.2	-5948.6	6521	7.3	170937.1	-5917.8	6611	10.0	172038.7	-5932.5
6432	7.1	165630.8	-5929.6	6522	10.0	170954.5	-5924.1	6612	10.0	172048.0	-5908.7
6433	8.9	165636.0	-5917.4	6523	9.9	170956.1	-5938.1	6613	9.5	172048.9	-5904.7
6434	10.0	165637.0	-5939.6	6524	9.5	171002.6	-5936.1	6614	9.5	172052.3	-5910.7
6435	10.5	165644.8	-5912.3	6525	7.8	171006.3	-5953.1	6615	9.7	172104.7	-5933.5
6436	10.5	165737.1	-5917.3	6526	10.0	171007.3	-5943.1	6616	9.4	172122.6	-5921.6
6437	8.6	165759.2	-5906.3	6527	8.9	171007.7	-5914.6	6617	9.8	172133.2	-5938.5
6438	10.0	165806.0	-5959.7	6528	9.9	171017.9	-5918.1	6618	9.8	172137.1	-5931.5
6439	9.4	165806.4	-5941.7	6529	10.0	171035.6	-5926.1	6619	10.0	172149.0	-5920.5
6440	8.3	165810.8	-5938.7	6530	10.0	171035.9	-5928.1	6620	9.4	172216.7	-5928.5
6441	10.0	165822.7	-5912.3	6531	9.3	171038.8	-5902.4	6621	10.0	172219.1	-5925.5
6442	10.0	165844.0	-5945.7	6532	10.0	171041.6	-5929.1	6622	9.7	172236.1	-5930.5
6443	10.0	165903.0	-5918.5	6533	9.8	171050.1	-5929.1	6623	9.5	172240.2	-5914.8
6444	10.0	165911.4	-5947.7	6534	9.8	171104.0	-5944.1	6624	10.0	172253.6	-5932.5
6445	8.7	165925.6	-5923.7	6535	10.0	171105.8	-5945.1	6625	7.7	172258.6	-5940.5
6446	8.3	165940.6	-5922.7	6536	9.7	171107.9	-5926.0	6626	10.0	172314.2	-5916.0
6447	9.5	165943.1	-5954.7	6537	9.1	171109.1	-5934.1	6627	10.0	172319.9	-5916.8
6448	9.8	165945.6	-5953.7	6538	10.0	171132.4	-5917.1	6628	9.5	172320.7	-5938.6
6449	9.9	165953.1	-5906.3	6539	9.8	171159.8	-5950.2	6629	10.0	172344.9	-5921.6
6450	10.5	170005.6	-5910.3	6540	10.0	171159.8	-5949.2	6630	9.2	172348.2	-5942.6
6451	9.8	170010.3	-5934.8	6541	10.0	171201.5	-5921.2	6631	10.0	172418.1	-5935.6
6452	9.5	170016.2	-5955.8	6542	8.5	171206.4	-5942.2	6632	10.0	172419.6	-5911.8
6453	10.0	170032.3	-5932.8	6543	9.1	171209.5	-5912.3	6633	10.0	172425.9	-5918.6
6454	9.3	170039.9	-5918.8	6544	10.0	171209.7	-5940.2	6634	6.4	172426.1	-5944.6
6455	10.0	170045.9	-5929.8	6545	10.0	171214.7	-5917.3	6635	9.7	172437.2	-5927.6
6456	9.9	170052.0	-5934.8	6546	10.0	171239.1	-5944.2	6636	10.0	172451.9	-5950.6
6457	9.8	170123.9	-5905.3	6547	10.0	171251.7	-5945.2	6637	10.0	172458.2	-5936.6
6458	10.0	170134.5	-5937.8	6548	9.9	171255.8	-5955.2	6638	9.9	172509.1	-5924.6
6459	9.9	170135.0	-5958.8	6549	10.0	171258.3	-5947.2	6639	10.0	172523.8	-5928.6
6460	10.0	170138.8	-5949.8	6550	10.8	171304.7	-5903.3	6640	10.0	172527.2	-5901.8
6461	9.5	170152.6	-5905.3	6551	10.3	171304.8	-5911.3	6641	10.0	172530.0	-5916.6
6462	10.0	170217.7	-5959.8	6552	10.0	171312.8	-5952.2	6642	9.8	172530.1	-5922.6
6463	9.3	170233.1	-5924.8	6553	9.6	171326.6	-5911.4	6643	10.0	172533.8	-5918.2
6464	10.3	170245.6	-5916.1	6554	7.3	171346.6	-5905.4	6644	10.4	172543.1	-5928.6
6465	9.2	170254.7	-5908.4	6555	8.8	171351.4	-5916.3	6645	10.0	172544.7	-5925.6
6466	10.0	170256.1	-5948.8	6556	10.0	171356.1	-5955.2	6646	9.9	172548.0	-5919.2
6467	10.0	170306.6	-5944.9	6557	9.7	171359.4	-5908.4	6647	1.8	172548.9	-5940.6
6468	10.0	170322.2	-5941.9	6558	10.0	171409.4	-5909.4	6648	9.8	172552.8	-5926.6
6469	10.0	170331.0	-5948.9	6559	10.3	171413.5	-5940.2	6649	10.0	172613.2	-5959.7
6470	10.0	170341.6	-5907.4	6560	10.0	171415.0	-5923.2	6650	9.7	172617.9	-5956.7
6471	9.0	170347.4	-5906.4	6561	9.9	171423.7	-5918.3	6651	9.9	172631.7	-5917.7
6472	10.3	170423.2	-5909.4	6562	10.3	171446.3	-5907.4	6652	9.6	172645.6	-5946.7
6473	10.0	170429.5	-5928.9	6563	10.0	171449.5	-5905.4	6653	7.0	172649.8	-5920.8
6474	10.0	170445.3	-5928.9	6564	10.0	171506.2	-5952.3	6654	10.3	172711.5	-5937.7
6475	10.0	170447.3	-5920.9	6565	10.0	171529.4	-5934.3	6655	9.7	172718.1	-5950.6
6476	8.3	170453.1	-5917.7	6566	10.0	171539.4	-5920.9	6656	9.0	172729.3	-5913.9
6477	10.0	170504.7	-5932.9	6567	9.0	171549.7	-5906.5	6657	10.0	172729.4	-5941.7
6478	10.0	170506.1	-5933.9	6568	9.4	171610.1	-5948.3	6658	10.0	172731.6	-5939.7
6479	9.3	170520.1	-5919.9	6569	9.6	171628.8	-5931.3	6659	9.2	172745.6	-5907.9
6480	10.0	170520.4	-5923.9	6570	10.0	171629.4	-5910.5	6660	9.2	172808.8	-5937.7
6481	9.5	170522.8	-5937.9	6571	10.0	171636.3	-5907.5	6661	9.9	172828.3	-5929.7
6482	9.9	170536.5	-5951.9	6572	10.0	171649.3	-5925.3	6662	10.0	172829.6	-5948.7
6483	10.0	170542.6	-5921.9	6573	9.1	171656.8	-5934.3	6663	9.7	172832.6	-5954.7
6484	10.5	170548.0	-5907.5	6574	10.0	171702.3	-5921.3	6664	10.0	172833.1	-5952.7
6485	9.9	170552.2	-5941.9	6575	10.0	171705.9	-5939.3	6665	10.5	172835.5	-5939.7
6486	10.0	170555.4	-5947.0	6576	10.0	171713.1	-5926.3	6666	9.0	172852.1	-5911.0
6487	10.0	170555.6	-5935.0	6577	10.0	171717.9	-5939.3	6667	9.2	172907.5	-5939.8
6488	9.9	170559.6	-5925.0	6578	10.0	171718.1	-5949.3	6668	10.0	172914.0	-5950.8
6489	10.0	170620.4	-5945.0	6579	9.4	171731.9	-5917.4	6669	9.9	172927.8	-5922.8
6490	9.2	170630.6	-5923.0	6580	10.0	171746.5	-5913.5	6670	10.5	172944.3	-5932.8
6491	9.4	170639.1	-5930.0	6581	10.0	171747.9	-5933.4	6671	9.7	172951.8	-5930.2
6492	9.9	170649.1	-5931.0	6582	10.0	171808.1	-5953.4	6672	8.5	173005.0	-5949.9
6493	9.0	170651.1	-5935.0	6583	9.8	171809.6	-5908.5	6673	9.3	173010.7	-5955.3
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6495	10.0	170658.7	-5929.0	6585	10.0	171814.7	-5956.4	6675	9.5	173029.7	-5922.8
6496	9.7	170707.1	-5923.0	6586	10.0	171819.1	-5950.4	6676	9.8	173031.0	-5927.8
6497	10.0	170710.7	-5941.0	6587	10.0	171820.1	-5947.4	6677	10.0	173102.1	-5931.8
6498	9.9	170717.4	-5952.0	6588	9.6	171820.4	-5919.5	6678	10.0	173128.5	-5923.8
6499	10.0	170722.2	-5938.0	6589	10.0	171820.7	-5920.0	6679	10.0	173147.6	-5911.1
6500	10.0	170724.1	-5918.2	6590	9.4	171821.8	-5931.4	6680	10.0	173155.3	-5912.1
6681	10.0	173216.8	-5928.9								
6682	9.5	173216.8	-5941.9								
6683	8.5	173252.9	-5930.9								
6684	9.8	173311.7	-5957.9								
6685	10.0	173317.6	-5946.9								
6686	9.5	173322.1	-5902.2								
6687	8.0	173328.7	-5926.9								
6688	9.8	173342.0	-5956.9								
6689	10.0	173356.1	-5923.9								
6690	10.0	173401.7	-5907.2								
6691	8.5	173423.5	-5936.9								
6692	9.9	173439.4	-5917.6								
6693	9.8	173446.6	-5942.6								
6694	10.0	173459.1	-5952.0								
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6697	9.5	173530.7	-5932.0								
6698	9.8	173543.6	-5952.0								
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6701	8.8	173601.7	-5905.3								
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6704	7.5	173626.6	-5946.0								
6705	9.0	173630.4	-5958.0								
6706	8.5	173631.6	-5937.0								
6707	9.5	173647.1	-5905.3								
6708	9.2	173647.5	-5917.7								
6709	9.8	173650.0	-5932.0								
6710	8.2	173657.2	-5923.1								
6711	9.4	173710.7	-5913.3								
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6713	8.4	173752.4	-5919.7								
6714	9.8	173818.7	-5949.1								
6715	10.0	173828.2	-5944.1								
6716	10.0	173846.9	-5918.4								
6717	9.5	173850.3	-5948.1								
6718	10.0	173925.6	-5947.2								
6719	9.5	173952.8	-5921.2								
6720	9.5	174027.0	-5920.3								
6721	8.8	174103.4	-5908.5								
6722	9.8	174113.1	-5913.5								
6723	9.5	174156.8	-5955.3								
6724	9.0	174214.8	-5951.3								
6725	8.0	174224.2	-5940.3								
6726	9.5	174227.6	-5957.3								
6727	10.0	174248.5	-5920.9								
6728	9.2	174309.3	-5900.6								
6729	10.0	174322.8	-5950.3								
6730	9.5	174338.1	-5930.3								
6731	8.5	174344.9	-5941.3								
6732	10.0	174408.5	-5925.4								
6733	8.5	174414.6	-5957.4								
6734	9.0	174417.5	-5905.7								
6735	9.2	174427.5	-5904.7								
6736	9.0	174429.5	-5911.7								
6737	10.5	174438.8	-5927.4								
6738	9.5	174446.2	-5957.4								
6739	9.2	174456.7	-5910.7								
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6741	8.8	174535.1	-5952.4								
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6743	9.8	174614.6	-5942.4								
6744	9.5	174645.4	-5919.1								
6745	9.5	174653.0	-5940.5								
6746	10.0	174656.0	-5942.5								
6747	9.2	174658.5	-5932.5								
6748	9.8	174721.4	-5924.5								
6749	9.8	174726.2	-5923.5								
6750	9.5	174726.6	-5955.5								
6751	9.5	174802.5	-5937.5								
6752	9.5	174810.2	-5926.5								
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6755	10.0	174852.1	-5927.5								
6756	9.5	174853.3	-5927.5								
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6759	9.0	174915.4	-5957.2								
6760	10.0	174924.7	-5908.9								
6761	9.5	174931.8	-5909.9								
6762	10.0	174953.4	-5930.6								
6763	8.8	175021.0	-5922.6								
6764	8.6	175027.3	-5954.6								
6765	9.4	175041.5	-5907.0								
6766	10.0	175143.6	-5916.0								
6767	9.5	175156.6	-5952.6								
6768	10.0	175201.8	-5945.6								
6769	9.8	175208.3	-5916.0								
6770	9.8	175231.2	-5954.6								

-59 6771 17h53m

-59 7130 19h08m

6771	9.8	175300.4	-5908.1	6861	10.0	181620.6	-5931.4	6951	8.9	183356.7	-5947.6
6772	9.5	175301.8	-5914.1	6862	10.0	181620.6	-5932.7	6952	10.5	183415.2	-5918.8
6773	9.8	175304.7	-5929.7	6863	10.8	181626.9	-5919.1	6953	9.8	183421.7	-5921.7
6774	9.2	175311.5	-5924.7	6864	10.0	181635.5	-5905.1	6954	11.0	183427.4	-5909.8
6775	7.5	175314.5	-5952.7	6865	10.3	181640.2	-5911.1	6955	9.3	183444.2	-5921.7
6776	10.0	175315.5	-5905.1	6866	9.8	181703.4	-5930.5	6956	10.8	183508.9	-5909.8
6777	7.0	175322.5	-5910.1	6867	9.6	181704.3	-5908.1	6957	8.5	183531.2	-5914.8
6778	9.5	175323.1	-5944.7	6868	9.8	181706.6	-5954.5	6958	10.8	183538.2	-5911.8
6779	10.0	175332.7	-5947.7	6869	9.5	181707.3	-5935.5	6959	10.8	183621.4	-5915.8
6780	7.0	175341.1	-5913.1	6870	9.8	181713.0	-5909.0	6960	9.8	183630.2	-5942.7
6781	10.0	175355.4	-5908.1	6871	9.8	181714.0	-5909.5	6961	9.5	183631.8	-5935.7
6782	9.5	175359.6	-5954.3	6872	9.8	181726.2	-5940.5	6962	10.0	183642.2	-5935.7
6783	10.0	175410.2	-5904.1	6873	10.8	181740.3	-5904.1	6963	9.2	183647.5	-5924.7
6784	10.0	175418.9	-5913.1	6874	10.5	181741.0	-5902.1	6964	10.5	183653.7	-5901.8
6785	10.0	175424.5	-5904.2	6875	9.5	181830.2	-5918.6	6965	10.5	183703.6	-5904.9
6786	9.5	175425.3	-5956.3	6876	9.0	181849.0	-5951.7	6966	9.5	183723.0	-5926.8
6787	9.5	175450.0	-5902.2	6877	10.0	181852.2	-5945.7	6967	10.8	183731.5	-5908.9
6788	10.0	175503.9	-5911.2	6878	9.7	181904.0	-5948.7	6968	10.8	183736.8	-5905.9
6789	9.8	175514.3	-5925.8	6879	10.8	181905.7	-5917.2	6969	9.2	183742.2	-5943.8
6790	10.0	175538.9	-5901.2	6880	8.0	181926.3	-5921.4	6970	10.3	183746.8	-5906.9
6791	8.8	175606.8	-5936.8	6881	10.5	181937.1	-5920.2	6971	8.3	183822.5	-5932.8
6792	9.5	175611.4	-5934.8	6882	10.5	181947.6	-5923.2	6972	11.0	183823.1	-5906.9
6793	9.5	175635.2	-5922.0	6883	9.5	181954.3	-5928.8	6973	8.0	183833.9	-5904.9
6794	9.8	175636.0	-5923.8	6884	9.0	182009.8	-5959.8	6974	8.8	183838.5	-5954.8
6795	9.8	175639.0	-5921.0	6885	11.0	182029.0	-5909.2	6975	8.5	183844.3	-5943.8
6796	9.6	175653.8	-5951.2	6886	9.5	182038.3	-5916.8	6976	11.0	183858.1	-5911.9
6797	9.5	175657.1	-5942.8	6887	10.0	182040.8	-5916.2	6977	8.0	183859.3	-5932.8
6798	10.0	175703.8	-5920.3	6888	10.8	182045.1	-5919.3	6978	9.8	183914.2	-5943.8
6799	10.0	175710.0	-5919.3	6889	11.0	182049.2	-5904.3	6979	11.0	183918.1	-5901.9
6800	9.3	175717.0	-5908.3	6890	7.8	182050.3	-5938.8	6980	9.2	183919.3	-5923.8
6801	9.2	175737.2	-5916.3	6891	10.5	182055.4	-5907.3	6981	10.5	183933.4	-5913.9
6802	9.0	175745.7	-5900.3	6892	9.3	182059.7	-5906.3	6982	8.6	183938.5	-5908.9
6803	9.8	175802.8	-5903.3	6893	9.5	182101.0	-5931.8	6983	10.8	183945.5	-5901.9
6804	10.0	175826.1	-5918.3	6894	10.5	182109.4	-5913.3	6984	9.0	183946.1	-5922.8
6805	8.8	175855.0	-5954.4	6895	9.5	182143.2	-5958.9	6985	11.0	184015.6	-5902.0
6806	6.5	175855.4	-5904.4	6896	10.5	182157.1	-5913.3	6986	10.3	184017.3	-5919.9
6807	8.5	175906.6	-5900.4	6897	9.0	182201.1	-5941.0	6987	10.8	184025.3	-5912.0
6808	8.3	175915.9	-5919.6	6898	10.0	182211.5	-5950.0	6988	8.8	184042.7	-5948.6
6809	9.6	175917.3	-5900.4	6899	9.8	182212.0	-5959.0	6989	9.8	184051.2	-5922.9
6810	9.6	180015.5	-5946.0	6900	11.0	182236.8	-5918.4	6990	9.8	184051.9	-5923.9
6811	9.5	180041.7	-5923.2	6901	10.8	182341.4	-5913.4	6991	9.5	184109.7	-5901.0
6812	10.5	180200.2	-5916.5	6902	9.6	182412.5	-5902.4	6992	9.1	184120.1	-5903.0
6813	10.8	180200.2	-5915.5	6903	10.5	182426.9	-5912.4	6993	9.5	184125.3	-5957.9
6814	8.8	180214.2	-5931.1	6904	9.8	182428.2	-5932.1	6994	8.6	184126.4	-5905.0
6815	11.0	180224.2	-5919.5	6905	10.8	182431.9	-5914.4	6995	10.8	184131.8	-5918.0
6816	10.0	180228.8	-5911.5	6906	9.8	182437.4	-5936.1	6996	9.0	184200.7	-5937.9
6817	10.5	180254.8	-5921.5	6907	9.0	182444.3	-5937.1	6997	8.7	184218.9	-5900.0
6818	8.8	180302.6	-5924.1	6908	9.5	182448.5	-5954.1	6998	8.6	184225.5	-5912.0
6819	10.8	180336.4	-5918.5	6909	10.3	182512.7	-5922.2	6999	9.0	184226.5	-5939.9
6820	9.8	180408.1	-5955.1	6910	10.0	182518.1	-5939.3	7000	10.0	184251.5	-5929.9
6821	10.8	180412.0	-5918.6	6911	10.0	182523.1	-5914.5	7001	9.5	184301.7	-5949.0
6822	10.5	180437.5	-5921.6	6912	9.0	182524.5	-5925.2	7002	8.4	184319.0	-5915.1
6823	9.0	180447.5	-5943.2	6913	9.6	182525.1	-5948.2	7003	9.2	184408.4	-5921.0
6824	8.0	180523.0	-5925.2	6914	9.8	182543.6	-5950.2	7004	10.0	184418.1	-5942.2
6825	7.8	180537.0	-5934.2	6915	9.8	182549.9	-5916.5	7005	9.8	184424.0	-5902.1
6826	9.0	180549.3	-5931.2	6916	9.5	182615.0	-5914.5	7006	9.8	184436.7	-5917.1
6827	10.0	180550.5	-5931.6	6917	10.8	182708.2	-5920.5	7007	8.3	184455.9	-5938.3
6828	10.5	180600.2	-5910.7	6918	10.0	182737.1	-5954.3	7008	10.8	184505.5	-5913.1
6829	10.8	180602.2	-5913.7	6919	9.0	182739.5	-5935.3	7009	10.0	184511.7	-5920.3
6830	9.8	180633.0	-5919.6	6920	9.0	182746.6	-5941.3	7010	9.8	184608.9	-5936.3
6831	9.0	180640.3	-5945.6	6921	9.2	182753.8	-5928.3	7011	9.7	184647.5	-5909.2
6832	10.5	180656.3	-5922.7	6922	9.5	182803.5	-5946.4	7012	9.8	184656.3	-5903.2
6833	10.3	180659.5	-5911.7	6923	9.5	182811.5	-5944.4	7013	10.0	184719.0	-5955.4
6834	8.8	180708.5	-5955.3	6924	7.5	182816.1	-5914.6	7014	10.0	184801.6	-5958.4
6835	10.8	180726.7	-5913.7	6925	9.7	182837.2	-5904.6	7015	9.9	184829.0	-5916.2
6836	10.8	180726.8	-5918.7	6926	9.5	182847.1	-5924.4	7016	9.9	184831.0	-5915.4
6837	9.3	180824.8	-5916.7	6927	10.3	182848.2	-5916.6	7017	8.6	184834.1	-5903.2
6838	9.8	180825.0	-5951.7	6928	8.5	182900.3	-5950.1	7018	10.0	184835.5	-5933.4
6839	9.4	180832.1	-5917.7	6929	9.8	182956.5	-5901.6	7019	10.0	184837.5	-5930.4
6840	10.3	180839.2	-5902.8	6930	9.8	182958.5	-5935.5	7020	9.6	184848.7	-5902.2
6841	8.6	180842.6	-5925.7	6931	9.5	182959.9	-5958.5	7021	10.5	184850.7	-5901.2
6842	10.3	180848.6	-5913.8	6932	10.0	183004.8	-5923.5	7022	10.5	184851.7	-5911.2
6843	10.0	180901.0	-5951.7	6933	10.8	183038.1	-5915.6	7023	10.5	184857.7	-5911.2
6844	8.4	180910.1	-5921.2	6934	9.0	183047.5	-5937.5	7024	9.9	184900.1	-5948.5
6845	7.1	180930.5	-5952.7	6935	9.7	183051.6	-5901.6	7025	10.0	184932.1	-5948.5
6846	9.2	180933.0	-5926.7	6936	11.0	183057.2	-5909.6	7026	8.7	184945.2	-5938.5
6847	10.0	180949.7	-5940.0	6937	10.8	183136.6	-5916.7	7027	10.0	184947.0	-5935.5
6848	10.5	181002.8	-5900.8	6938	10.0	183139.2	-5939.6	7028	9.7	184950.7	-5952.0
6849	10.8	181011.6	-5905.8	6939	10.5	183143.2	-5921.7	7029	10.0	184953.6	-5959.5
6850	9.3	181107.0	-5936.1	6940	10.0	183152.4	-5931.6	7030	8.7	184955.0	-5939.0
6851	10.5	181123.3	-5906.9	6941	9.4	183200.9	-5932.6	7031	8.2	185013.4	-5903.3
6852	10.3	181124.5	-5905.9	6942	10.3	183240.4	-5908.7	7032	10.0	185030.4	-5905.3
6853	10.5	181135.1	-5912.9	6943	9.8	183254.5	-5950.6	7033	9.8	185057.8	-5929.6
6854	10.3	181222.3	-5915.9	6944	10.0	183306.7	-5902.7	7034	10.3	185100.7	-5922.0
6855	7.5	181315.6	-5940.3	6945	9.8	183309.0	-5942.6	7035	10.5	185123.1	-5909.3
6856	10.0	181331.1	-5907.9	6946	8.4	183311.4	-5905.7	7036	10.5	185124.4	-5920.4
6857	11.0	181352.4	-5920.0	6947	10.5	183316.4	-5906.7	7037	10.0	185157.1	-5934.6
6858	10.8	181426.5	-5913.0	6948	9.5	183317.7	-5948.6	7038	10.0	185202.2	-5921.6
6859	11.0	181431.2	-5901.0	6949	9.5	183322.7	-5928.6	7039	11.0	185202.6	-5900.3
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7041	10.0	185229.0	-5913.4								
7042	10.0	185232.7	-5950.6								
7043	10.0	185234.9	-5934.6								
7044	10.0	185240.3	-5957.7								
7045	10.3	185249.1	-5905.4								
7046	9.7	185259.0	-5957.7								
7047	9.4	185300.2	-5920.7								
7048	7.8	185303.5	-5955.7								
7049	10.0	185305.1	-5922.4								
7050	9.8	185316.6	-5926.7								
7051	10.5	185328.3	-5921.4								
7052	9.5	185331.4	-5911.4								
7053	9.7	185338.2	-5928.7								
7054	10.0	185341.7	-5949.7								
7055	11.0	185423.2	-5909.4								
7056	9.9	185431.7	-5943.7								
7057	9.9	185438.3	-5944.7								
7058	11.0	185447.6	-5906.4								
7059	9.4	185518.6	-5948.8								
7060	10.0	185521.6	-5928.8								
7061	10.0	185537.8	-5931.8								
7062	11.0	185547.5	-5910.5								
7063	10.0	185551.8	-5936.8								
7064	10.0	185623.7	-5934.8								
7065	10.0	185644.5	-5939.9								
7066	11.0	185656.3	-5925.9								
7067	11.0	185700.4	-5910.5								
7068	10.0	185702.6	-5928.9								
7069	10.3	185722.3	-5905.5								
7070	9.5	185747.6	-5945.9								
7071	8.0	185753.2	-5933.9								
7072	8.0	185758.1	-5930.9								
7073	10.0	185808.0	-5951.9								
7074	11.0	185820.4	-5910.6								
7075	11.0	185827.0	-5916.6								
7076	9.5	185832.9	-5907.6								
7077	9.7	185843.5	-5944.0								
7078	9.7	185850.3	-5946.0								
7079	10.0	185908.9	-5910.6								
7080	8.3	185912.8	-5945.0								
7081	9.5	185915.0	-5954.0								
7082	9.6	185920.5	-5956.0								
7083	11.0	185930.9	-5902.6								
7084	10.0	185939.0	-5927.0								
7085	9.9	185942.6	-5944.0								
7086	9.0	185958.1	-5901.6								
7087	9.9	190007.7	-5944.0								
7088	10.0	190014.8	-5937.0								
7089	10.5	190046.5	-5919.6								
7090	10.0	190110.1	-5932.1								
7091	10.3	190117.4	-5910.7								
7092	10.0	190120.3	-5951.1								
7093	10.0	190130.4	-5941.1								
7094	9.0	190144.3	-5906.7								
7095	8.6	190155.5	-5953.1								
7096	10.0	190207.3	-5941.1								
7097	10.0	190209.7	-5903.7								
7098	10.0	190209.8	-5933.1								
7099	10.0	190226.9	-5931.1								
7100	10.5	190233.8	-5902.7								
7101	9.6	190253.4	-5941.2								
7102	11.0	190329.5	-5910.7								
7103	9.5	190336.0	-5950.2								
7104	11.0	190351.3	-5900.7								
7105	9.0	190415.4	-5913.5								
7106	9.8	190424.4	-5915.0								
7107	10.0	190442.2	-5933.2								
7108	10.0	190503.6	-5941.3								
7109	9.7	190515.0	-5956.3								
7110	10.0	190536.4	-5947.3								
7111	10.3	190539.0	-5901.8								
7112	10.0	190540.2	-5950.3								
7113	10.0	190554.7	-5954.3								
7114	10.0	190606.1	-5915.5								
7115	10.0	190614.8	-5941.3								
7116	10.0	190633.7	-5924.2								
7117	10.0	190634.3	-5910.8								
7118	10.0	190638.8	-5935.3								
7119	10.0	190643.8	-5943.4								
7120	9.5	190702.0	-5926.4								
7121	7.5	190732.8	-5905.9								
7122	10.0	190800.8	-5927.4								
7123	9.8	190802.1	-5931.4								
7124	9.8	190812.9	-5937.4								
7125	10.5	190817.4	-5914.9								
7126	10.5	190818.7	-5917.9								
7127	9.8	190820.0	-5943.4								
7128	10.5	190822.9	-5906.9								
7129	10.0	190837.5	-5957.5								
7130	8.3	190849.0	-5934.5								

-59 7131 19h08m

-59 7490 20h22m

7131	9.1	190857.9	-5922.5	7221	9.7	192415.5	-5940.2	7311	10.0	194058.4	-5907.1
7132	8.5	190939.5	-5951.5	7222	10.0	192439.2	-5940.2	7312	10.5	194102.8	-5908.1
7133	10.0	190940.2	-5902.9	7223	9.7	192445.3	-5903.4	7313	10.0	194113.8	-5930.0
7134	10.0	190948.2	-5956.5	7224	10.0	192457.9	-5903.4	7314	10.5	194145.0	-5904.1
7135	10.0	190953.9	-5931.5	7225	10.5	192512.8	-5903.5	7315	8.7	194151.3	-5929.0
7136	10.0	190956.9	-5935.5	7226	10.0	192521.1	-5938.3	7316	9.7	194200.7	-5904.1
7137	10.5	191000.5	-5906.9	7227	10.0	192543.2	-5938.3	7317	10.0	194220.3	-5942.0
7138	10.5	191024.9	-5911.0	7228	11.0	192543.9	-5903.5	7318	10.0	194239.2	-5940.0
7139	9.3	191025.3	-5925.5	7229	9.9	192604.2	-5927.3	7319	9.3	194303.0	-5901.1
7140	10.0	191028.3	-5957.5	7230	10.0	192611.4	-5932.3	7320	10.0	194307.3	-5951.0
7141	10.0	191030.1	-5932.5	7231	10.5	192615.9	-5900.5	7321	10.0	194344.0	-5924.0
7142	10.0	191041.4	-5941.5	7232	10.0	192642.1	-5913.5	7322	10.0	194354.4	-5942.0
7143	10.0	191043.1	-5922.5	7233	10.0	192711.9	-5946.4	7323	11.0	194357.6	-5913.2
7144	11.0	191043.9	-5903.0	7234	9.9	192736.6	-5957.4	7324	10.0	194401.4	-5913.6
7145	10.0	191045.4	-5939.5	7235	10.0	192804.6	-5916.5	7325	10.5	194408.7	-5903.2
7146	10.0	191101.4	-5942.6	7236	9.3	192812.3	-5937.4	7326	10.0	194422.3	-5936.0
7147	11.0	191103.3	-5915.0	7237	9.7	192812.3	-5942.4	7327	10.0	194424.2	-5906.2
7148	11.0	191104.6	-5916.0	7238	10.5	192818.7	-5919.6	7328	10.5	194430.7	-5907.2
7149	10.0	191132.6	-5920.3	7239	9.5	192844.4	-5900.6	7329	10.0	194438.5	-5938.0
7150	10.0	191137.0	-5935.6	7240	10.5	192914.5	-5917.6	7330	8.2	194439.1	-5931.0
7151	9.7	191144.2	-5910.0	7241	10.0	192944.6	-5928.5	7331	10.5	194451.1	-5902.3
7152	10.0	191147.7	-5927.6	7242	9.7	193004.7	-5906.6	7332	10.0	194451.2	-5955.0
7153	10.0	191202.8	-5945.6	7243	9.5	193012.4	-5912.6	7333	9.6	194456.4	-5944.0
7154	10.0	191242.2	-5941.7	7244	9.1	193029.6	-5901.6	7334	10.5	194518.8	-5904.3
7155	9.3	191258.4	-5948.7	7245	10.0	193030.5	-5936.5	7335	10.0	194539.7	-5925.0
7156	10.0	191301.8	-5958.7	7246	9.5	193036.3	-5907.6	7336	10.0	194541.5	-5954.0
7157	9.2	191303.5	-5928.7	7247	10.5	193046.5	-5908.6	7337	9.9	194549.9	-5917.3
7158	8.7	191309.8	-5941.7	7248	10.0	193106.4	-5940.6	7338	9.5	194611.8	-5910.3
7159	10.3	191313.9	-5905.1	7249	10.0	193110.1	-5930.6	7339	10.0	194619.1	-5936.0
7160	9.0	191401.5	-5933.7	7250	8.9	193117.9	-5944.6	7340	10.0	194621.6	-5922.0
7161	10.5	191405.1	-5913.1	7251	9.5	193119.3	-5906.7	7341	10.0	194624.4	-5937.0
7162	10.8	191416.3	-5914.1	7252	9.1	193121.0	-5942.6	7342	5.6	194635.7	-5914.1
7163	9.3	191417.5	-5907.1	7253	10.0	193123.8	-5922.6	7343	9.5	194650.8	-5911.4
7164	10.0	191422.5	-5935.7	7254	10.0	193131.0	-5954.6	7344	8.0	194713.7	-5951.0
7165	10.0	191422.8	-5911.1	7255	10.5	193142.3	-5913.7	7345	10.0	194730.5	-5922.0
7166	10.0	191425.5	-5913.1	7256	7.5	193152.3	-5917.6	7346	9.4	194737.1	-5917.7
7167	9.3	191433.9	-5908.1	7257	9.8	193158.3	-5918.6	7347	10.3	194755.8	-5906.4
7168	10.0	191438.5	-5948.7	7258	9.9	193220.9	-5910.7	7348	9.7	194810.3	-5912.7
7169	10.0	191449.7	-5932.8	7259	10.0	193230.5	-5947.6	7349	10.3	194830.1	-5919.2
7170	10.0	191507.4	-5906.1	7260	9.3	193237.5	-5918.8	7350	11.0	194834.1	-5900.5
7171	10.0	191527.8	-5949.8	7261	9.7	193237.6	-5918.0	7351	9.5	194839.9	-5956.0
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7173	10.0	191610.3	-5948.8	7263	9.7	193245.7	-5903.7	7353	9.3	194851.8	-5923.0
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-59 7850 21h54m

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7551 10.5 203636.9 -5941.4	7641 9.2 205727.5 -5931.9	7731 10.3 212042.3 -5928.6	7821 11.0 214606.8 -5955.7
7552 11.0 203641.8 -5907.2	7642 11.0 205758.6 -5957.9	7732 9.8 212048.0 -5947.6	7822 11.0 214607.5 -5901.0
7553 10.8 203709.8 -5933.4	7643 10.3 205825.5 -5920.3	7733 11.0 212125.8 -5939.6	7823 10.5 214638.4 -5945.7
7554 11.0 203717.0 -5924.4	7644 9.7 205827.9 -5903.6	7734 7.8 212150.4 -5957.6	7824 9.7 214721.7 -5935.7
7555 10.5 203730.5 -5928.4	7645 9.4 205845.2 -5930.9	7735 11.0 212152.3 -5921.2	7825 8.4 214724.8 -5956.7
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7561 9.8 203842.6 -5925.5	7651 10.5 210006.2 -5917.8	7741 10.8 212352.5 -5936.6	7831 9.7 214954.5 -5943.8
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7571 11.0 204116.0 -5915.3	7661 10.8 210213.8 -5922.0	7751 9.7 212543.0 -5903.4	7841 10.8 215248.0 -5924.8
7572 11.0 204120.6 -5949.5	7662 10.8 210217.1 -5958.0	7752 11.0 212603.1 -5919.6	7842 10.5 215249.7 -5926.8
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7580 9.1 204329.5 -5939.6	7670 11.0 210459.3 -5914.8	7760 10.5 212807.8 -5933.5	7850 10.3 215450.0 -5916.1

-59 7851 21h54m

-59 8210 23h43m

7851 10.0 215453.8 -5927.9	7941 10.5 221812.3 -5936.3	8031 10.3 224424.1 -5926.2	8121 9.2 231610.4 -5920.5
7852 9.9 215456.5 -5923.9	7942 7.9 221814.7 -5929.5	8032 11.0 224458.0 -5921.7	8122 11.3 231636.5 -5925.5
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7876 10.3 220009.0 -5930.0	7966 8.1 222330.0 -5902.0	8056 10.0 225331.7 -5938.3	8146 7.7 232501.6 -5941.4
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7885 10.3 220201.9 -5928.1	7975 11.5 222721.5 -5900.0	8065 11.0 225643.8 -5959.3	8155 10.8 232637.7 -5944.4
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7893 9.4 220419.5 -5909.4	7983 11.3 222911.7 -5936.7	8073 8.1 225838.5 -5921.8	8163 10.3 232830.8 -5950.4
7894 9.9 220434.2 -5939.1	7984 9.7 222912.8 -5957.7	8074 8.6 225849.8 -5926.4	8164 10.5 232835.4 -5951.4
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7896 10.8 220456.0 -5933.1	7986 9.4 222939.8 -5951.7	8076 11.0 225928.7 -5947.4	8166 10.0 232904.5 -5918.4
7897 11.5 220456.6 -5907.4	7987 10.8 222939.8 -5929.7	8077 8.0 230009.2 -5947.4	8167 9.7 232904.6 -5952.4
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7899 10.8 220519.5 -5915.4	7989 9.8 222959.9 -5922.8	8079 8.8 230126.0 -5906.2	8169 11.0 233006.5 -5919.4
7900 10.5 220531.6 -5901.4	7990 10.3 223019.6 -5939.8	8080 8.5 230150.3 -5940.4	8170 10.8 233021.7 -5956.4
7901 10.5 220535.2 -5911.4	7991 10.0 223038.2 -5903.1	8081 10.5 230155.8 -5931.4	8171 11.0 233036.4 -5939.4
7902 8.7 220602.9 -5954.2	7992 10.5 223031.2 -5955.8	8082 10.8 230212.9 -5928.4	8172 8.3 233051.0 -5928.4
7903 9.3 220622.3 -5917.2	7993 11.0 223038.9 -5946.8	8083 10.5 230257.0 -5920.4	8173 9.7 233130.0 -5917.9
7904 11.0 220639.6 -5906.4	7994 10.8 223044.3 -5955.8	8084 8.3 230257.7 -5948.4	8174 9.6 233147.2 -5956.4
7905 10.5 220645.7 -5904.4	7995 8.2 223103.7 -5927.8	8085 10.5 230302.6 -5921.4	8175 10.3 233151.8 -5930.4
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7908 10.0 220704.9 -5905.4	7998 11.0 223206.3 -5914.1	8088 11.0 230340.3 -5956.4	8178 9.0 233308.6 -5904.4
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7919 9.8 221053.4 -5932.3	8009 10.5 223842.0 -5900.3	8099 10.0 230737.1 -5900.4	8189 8.4 233735.0 -5948.4
7920 8.3 221054.1 -5955.3	8010 10.0 223845.4 -5910.3	8100 10.0 230842.0 -5918.4	8190 10.0 233737.9 -5910.4
7921 10.5 221131.2 -5926.3	8011 8.7 223858.1 -5923.0	8101 10.0 230904.2 -5942.4	8191 8.6 233813.9 -5952.4
7922 11.0 221145.6 -5957.3	8012 11.0 223902.1 -5905.3	8102 10.5 230921.7 -5924.4	8192 9.5 233834.7 -5901.4
7923 8.4 221220.7 -5932.3	8013 9.7 223928.1 -5941.0	8103 10.8 231014.9 -5948.5	8193 11.5 233835.9 -5921.4
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7927 10.3 221235.3 -5904.2	8017 10.0 224039.0 -5954.0	8107 9.8 231112.8 -5938.5	8197 9.0 233917.9 -5906.4
7928 8.3 221344.2 -5906.2	8018 11.0 224103.1 -5909.5	8108 8.5 231132.1 -5918.4	8198 11.3 234000.5 -5937.4
7929 10.5 221430.5 -5933.4	8019 9.3 224105.4 -5948.0	8109 9.8 231132.9 -5952.5	8199 11.3 234012.9 -5949.4
7930 8.5 221436.3 -5942.4	8020 9.2 224130.0 -5950.0	8110 9.0 231149.8 -5913.4	8200 11.0 234041.0 -5956.4
7931 10.8 221443.4 -5925.4	8021 10.5 224136.2 -5953.1	8111 9.0 231206.4 -5907.4	8201 10.8 234042.4 -5959.4
7932 11.0 221454.4 -5905.2	8022 7.3 224147.5 -5934.1	8112 10.5 231245.6 -5931.5	8202 10.3 234102.6 -5921.4
7933 9.8 221509.2 -5927.4	8023 10.5 224205.2 -5922.1	8113 8.8 231317.5 -5910.4	8203 9.4 234107.8 -5941.4
7934 10.8 221528.1 -5918.2	8024 11.3 224216.6 -5916.6	8114 9.6 231333.4 -5945.5	8204 10.3 234108.7 -5938.4
7935 11.3 221554.3 -5909.2	8025 10.0 224242.3 -5954.2	8115 9.8 231418.5 -5930.5	8205 11.3 234143.1 -5943.4
7936 10.5 221609.8 -5921.4	8026 7.3 224318.9 -5946.2	8116 9.2 231431.6 -5953.5	8206 9.3 234155.9 -5944.4
7937 10.5 221621.8 -5943.4	8027 11.0 224325.6 -5903.7	8117 10.3 231431.6 -5945.5	8207 11.5 234202.4 -5928.4
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7939 10.8 221718.4 -5918.8	8029 10.5 224352.4 -5900.7	8119 10.8 231524.3 -5942.5	8209 11.3 234306.5 -5947.4
7940 10.5 221755.1 -5939.5	8030 9.9 224413.2 -5917.0	8120 8.5 231537.1 -5906.4	8210 11.5 234306.5 -5927.4

-59 8211 23h43m

-60 306 1h29m

8211	9.0	234309.4	-5914.4	37	10.8	01224.2	-6002.4	127	10.5	03700.8	-6043.9
8212	9.0	234330.8	-5907.4	38	10.8	01228.8	-6011.4	128	6.0	03705.2	-6056.9
8213	11.3	234346.0	-5949.4	39	9.6	01243.1	-6029.7	129	11.0	03713.8	-6015.9
8214	10.0	234414.9	-5948.4	40	9.2	01244.8	-6010.1	130	10.5	03720.3	-6015.9
8215	8.5	234418.5	-5957.4	41	7.7	01318.9	-6022.7	131	10.5	03725.7	-6005.9
8216	10.3	234437.0	-5926.4	42	11.0	01359.7	-6051.7	132	10.5	03727.6	-6037.9
8217	10.5	234459.6	-5921.4	43	10.5	01404.0	-6030.7	133	11.0	03835.2	-6040.9
8218	7.6	234524.6	-5953.4	44	9.8	01409.2	-6010.7	134	9.6	03836.3	-6041.9
8219	9.7	234531.1	-5929.4	45	10.0	01415.6	-6011.4	135	9.7	03847.4	-6033.9
8220	10.5	234539.2	-5941.4	46	10.3	01434.5	-6022.7	136	11.0	03901.7	-6008.9
8221	7.8	234551.3	-5914.9	47	11.0	01438.7	-6021.7	137	10.3	03906.3	-6009.9
8222	7.7	234616.3	-5931.4	48	10.0	01509.2	-6010.7	138	11.0	03914.2	-6045.9
8223	8.2	234642.2	-5947.4	49	8.7	01542.2	-6015.1	139	10.5	03915.0	-6050.9
8224	9.5	234751.6	-5911.8	50	9.7	01628.9	-6047.7	140	10.0	03922.1	-6009.9
8225	10.5	234759.6	-5958.4	51	9.2	01634.7	-6038.7	141	9.3	03936.1	-6027.9
8226	9.5	234802.8	-5919.8	52	10.5	01650.9	-6001.4	142	9.2	04023.0	-6041.9
8227	10.5	234813.1	-5941.4	53	9.5	01703.2	-6058.7	143	10.5	04055.4	-6051.9
8228	10.3	234815.1	-5948.4	54	11.0	01718.0	-6031.7	144	10.5	04113.7	-6013.9
8229	8.8	234817.0	-5901.8	55	10.0	01724.4	-6052.7	145	10.5	04128.1	-6014.9
8230	11.0	234820.1	-5927.4	56	11.0	01743.5	-6057.7	146	8.7	04133.8	-6014.4
8231	9.7	234833.9	-5939.4	57	10.5	01824.5	-6009.4	147	9.3	04156.3	-6007.9
8232	10.0	234846.3	-5939.4	58	10.3	01901.5	-6048.7	148	9.0	04303.1	-6022.9
8233	9.5	234847.3	-5926.4	59	10.0	01938.0	-6012.7	149	9.6	04312.3	-6057.8
8234	10.3	234946.7	-5941.4	60	10.8	01944.3	-6012.4	150	10.0	04325.6	-6016.8
8235	10.0	235026.6	-5949.4	61	9.4	01952.6	-6007.4	151	11.0	04327.2	-6014.8
8236	10.0	235030.6	-5913.8	62	9.6	02016.6	-6056.7	152	8.8	04348.1	-6015.4
8237	9.5	235036.5	-5954.4	63	9.4	02020.6	-6028.7	153	10.0	04351.2	-6056.8
8238	10.0	235049.7	-5932.4	64	9.5	02026.6	-6023.7	154	10.0	04421.0	-6048.8
8239	8.3	235054.8	-5939.4	65	9.1	02055.3	-6033.7	155	9.8	04517.1	-6015.9
8240	9.2	235102.8	-5931.4	66	9.6	02134.9	-6052.7	156	9.7	04518.1	-6002.9
8241	10.0	235145.4	-5931.4	67	10.5	02137.5	-6012.7	157	9.7	04522.0	-6014.8
8242	9.8	235207.8	-5925.4	68	9.2	02140.0	-6045.7	158	10.0	04536.7	-6033.8
8243	9.5	235218.8	-5920.1	69	10.5	02144.4	-6013.4	159	9.8	04538.0	-6051.8
8244	9.7	235239.7	-5901.8	70	8.8	02147.0	-6058.7	160	9.5	04554.0	-6016.8
8245	9.7	235259.9	-5913.8	71	10.3	02200.0	-6055.7	161	9.5	04628.5	-6000.9
8246	9.7	235304.4	-5956.4	72	10.3	02210.6	-6016.4	162	11.0	04646.3	-6012.8
8247	11.0	235333.4	-5925.4	73	9.4	02217.6	-6001.4	163	9.5	04730.0	-6026.8
8248	10.8	235351.0	-5929.4	74	10.5	02221.4	-6033.7	164	10.8	04733.5	-6009.9
8249	11.0	235445.2	-5957.4	75	10.8	02312.9	-6002.4	165	9.4	04735.9	-6020.8
8250	8.6	235455.1	-5916.4	76	8.5	02408.9	-6028.7	166	10.5	04809.0	-6031.8
8251	11.3	235546.7	-5935.4	77	9.4	02418.5	-6002.4	167	10.0	04954.4	-6015.4
8252	11.3	235613.2	-5959.4	78	11.0	02454.0	-6059.7	168	9.3	05011.6	-6049.8
8253	11.3	235613.2	-5924.4	79	9.1	02515.8	-6058.7	169	10.8	05035.6	-6007.9
8254	8.9	235628.0	-5928.4	80	11.0	02526.8	-6024.7	170	9.0	05111.0	-6025.8
8255	10.0	235703.5	-5921.4	81	11.5	02529.3	-6029.7	171	9.4	05112.1	-6020.8
8256	9.8	235741.2	-5946.4	82	11.0	02552.4	-6045.7	172	10.0	05131.5	-6053.8
8257	10.3	235808.0	-5955.4	83	10.5	02559.6	-6027.7	173	10.0	05151.4	-6056.8
8258	10.5	235825.2	-5906.8	84	11.0	02601.1	-6013.4	174	9.6	05239.7	-6011.4
8259	11.0	235843.7	-5912.8	85	11.0	02647.1	-6018.7	175	9.6	05240.6	-6013.4
8260	11.5	235909.2	-5959.4	86	11.0	02647.6	-6006.4	176	10.3	05309.8	-6011.7
8261	10.5	235914.9	-5912.8	87	9.6	02657.5	-6049.7	177	10.3	05322.2	-6015.9
8262	10.5	235924.7	-5949.4	88	9.7	02738.7	-6018.7	178	9.8	05350.6	-6001.9
8263	10.0	235932.3	-5947.4	89	10.0	02755.5	-6018.7	179	10.5	05448.7	-6039.8
8264	10.8	235958.8	-5948.4	90	10.5	02809.5	-6027.7	180	11.0	05503.7	-6059.8
1	9.6	00002.9	-6016.0	91	9.8	02819.8	-6029.7	181	8.8	05518.4	-6055.8
2	8.5	00053.5	-6045.7	92	10.0	02825.3	-6013.7	182	9.7	05543.0	-6041.8
3	10.3	00055.8	-6040.7	93	9.8	02827.7	-6010.4	183	11.0	05551.1	-6023.8
4	9.6	00130.2	-6011.1	94	11.0	02839.3	-6000.4	184	11.0	05555.1	-6054.8
5	9.4	00233.4	-6049.7	95	9.7	02904.7	-6016.7	185	9.8	05556.0	-6022.8
6	9.4	00233.9	-6057.7	96	9.6	02931.7	-6030.7	186	10.0	05620.4	-6022.8
7	9.7	00334.1	-6049.7	97	11.0	02935.9	-6051.7	187	9.7	05626.1	-6055.8
8	9.3	00352.8	-6003.4	98	11.5	03000.0	-6001.4	188	11.0	05720.8	-6043.8
9	11.5	00416.0	-6018.7	99	7.0	03016.6	-6023.7	189	11.0	05723.8	-6018.8
10	12.0	00419.5	-6028.7	100	11.0	03041.6	-6020.7	190	9.3	05725.8	-6032.8
11	10.3	00505.5	-6043.7	101	10.3	03043.9	-6032.7	191	9.7	05740.1	-6026.7
12	9.1	00514.9	-6012.1	102	9.7	03048.5	-6012.7	192	10.5	05744.0	-6027.7
13	10.5	00545.8	-6032.7	103	9.5	03050.7	-6033.7	193	11.0	05807.5	-6000.9
14	10.0	00556.8	-6035.7	104	10.5	03055.3	-6013.4	194	7.0	05813.8	-6045.7
15	10.8	00607.0	-6039.7	105	10.3	03058.4	-6045.7	195	10.0	05845.0	-6052.7
16	9.1	00621.9	-6009.1	106	9.3	03101.6	-6008.4	196	10.8	05925.6	-6007.9
17	8.9	00628.6	-6012.5	107	9.7	03112.5	-6009.4	197	10.5	05950.3	-6016.8
18	8.1	00716.1	-6035.7	108	10.5	03146.0	-6010.4	198	11.0	05956.6	-6014.7
19	8.8	00725.2	-6042.7	109	11.5	03203.4	-6022.7	199	10.0	10015.5	-6009.3
20	9.5	00822.4	-6023.7	110	12.0	03211.4	-6032.7	200	9.8	10021.2	-6045.7
21	9.7	00828.5	-6055.7	111	10.0	03219.4	-6026.7	201	9.0	10044.9	-6038.7
22	9.7	00905.0	-6054.7	112	11.5	03255.0	-6009.4	202	9.0	10050.3	-6043.7
23	9.1	00912.4	-6022.7	113	11.5	03312.3	-6030.9	203	10.3	10107.2	-6044.7
24	9.5	00913.2	-6012.7	114	11.0	03332.0	-6035.9	204	9.6	10114.8	-6036.7
25	9.8	00917.3	-6014.4	115	11.0	03342.1	-6028.9	205	8.0	10151.0	-6037.7
26	9.6	01014.1	-6031.7	116	9.3	03357.4	-6012.1	206	10.5	10154.4	-6023.7
27	9.5	01030.1	-6030.7	117	10.5	03423.9	-6008.4	207	11.0	10246.7	-6037.7
28	11.0	01108.8	-6014.7	118	6.5	03432.9	-6009.2	208	10.5	10256.1	-6018.7
29	10.5	01112.1	-6001.4	119	11.0	03515.5	-6032.9	209	10.0	10256.2	-6010.5
30	10.8	01113.1	-6015.4	120	11.0	03610.8	-6031.9	210	8.1	10334.7	-6012.6
31	11.0	01116.6	-6038.7	121	11.0	03615.5	-6011.9	211	8.3	10344.7	-6018.1
32	9.8	01136.1	-6001.4	122	10.8	03623.8	-6011.9	212	9.8	10349.1	-6029.7
33	9.6	01136.6	-6052.7	123	10.0	03624.5	-6028.9	213	11.0	10353.8	-6008.5
34	10.0	01203.6	-6055.7	124	9.7	03631.2	-6017.9	214	9.7	10403.9	-6018.7
35	9.7	01211.0	-6057.7	125	10.8	03638.9	-6000.9	215	11.0	10410.9	-6005.5
36	10.5	01222.3	-6011.7	126	9.7	03654.7	-6008.9	216	9.8	10413.7	-6019.7
217	10.5	10416.4	-6012.5
218	10.5	10418.8	-6034.7
219	9.5	10421.1	-6011.6
220	10.5	10510.4	-6049.7
221	10.3	10524.6	-6058.7
222	11.0	10540.0	-6059.7
223	10.5	10545.3	-6059.7
224	10.0	10549.9	-6002.5
225	8.5	10550.4	-6025.7
226	10.5	10556.2	-6021.7
227	11.0	10617.8	-6029.7
228	11.0	10620.0	-6024.7
229	11.0	10646.5	-6022.5
230	10.5	10653.5	-6050.7
231	10.0	10706.3	-6041.7
232	10.0	10706.3	-6010.7
233	10.0	10718.5	-6030.7
234	11.0	10820.1	-6001.5
235	9.0	10833.6	-6053.7
236	11.0	10847.5	-6012.6
237	9.4	10902.3	-6035.7
238	9.4	10915.8	-6010.1
239	11.0	10918.7	-6022.7
240	10.3	10920.1	-6014.6
241	10.5	10935.1	-6008.7
242	10.5	10948.0	-6037.7
243	10.0	10949.5	-6013.7
244	8.2	11008.8	-6046.7
245	10.0	11028.0	-6053.7
246	10.3	11030.3	-6022.7
247	10.8	11036.2	-6005.6
248	11.0	11054.1	-6008.6
249	11.0	11110.1	-6005.6
250	9.9	11127.5	-6043.7
251	11.3	11146.5	-6011.7
252	8.6	11301.2	-6040.7
253	11.0	11303.4	-6009.7
254	10.5	11304.0	-6008.7
255	9.7	11308.2	-6021.7
256	10.5	11326.1	-6053.7
257	9.7	11343.7	-6016.1
258	10.5	11409.5	-6041.7
259	11.0	11425.4	-6021.7
260	11.0	11435.2	-6027.7
261	10.5	11500.8	-6036.7
262	9.8	11505.2	-6016.6
263	10.5	11520.3	-6034.7
264	9.7	11521.5	-6057.5
265	7.5	11525.5	-6043.5
266	10.0	11534.0	-6043.5
267	10.0	11544.5	-6040.5
268	11.0	11615.5	-6015.4
269	10.8	11624.2	-6003.4
270	11.0	11626.7	-6005.4
271	9.5	11653.9	-6047.5
272	9.0	11739.7	-6050.5
273	11.0	11838.9	-6036.5
274	9.5	11856.2	-6031.5
275	11.0	11907.8	-6017.4
276	11.0	11958.8	-6001.3
277	11.3	12004.5	-6016.3
278	10.0	12036.0	-6008.3
279	7.5	12036.4	-6009.2
280	10.0	12047.3	-6027.4
281	10.0	12125.2	-6031.4
282	9.5	12142.1	-6034.4
283	11.0	12218.7	-6013.3
284	11.5	12231.8	-6055.4
285	11.5	12313.6	-6008.4
286	9.7	12346.5	-6018.4
287	9.1	12354.1	-6011.4
288	11.0	12414.7	-6018.4
289	11.0	12436.3	-6020.3
290	11.5	12440.1	-6040.3
291	8.8	12523.3	-6009.3
292	11.0	12548.7	-6007.2
293	7.8	12608.6	-6018.3
294	10.0	12628.3	-6012.3
295	10.5	12650.1	-6027.3
296	7.8	12656.3	-6014.3
297	10.0	12721.4	-6028.3
298	11.5	12728.5	-6041.3
299	11.0	12826.3	-6007.2
300	10.5	12832.8	-6011.7
301	10.5	12838.7	-6020.3
302	10.0	12838.9	-6031.3
303	10.0	12840.1	-6029.3
304	10.8	12840.4	-6008.1
305	11.3	12919.4	-6045.2
306	8.3	12924.7	-6039.2

-60 307 1h30m

-60 666 3h13m

307	11.0	13036.9	-6012.2	397	9.2	15635.9	-6047.7	487	10.0	22138.3	-6039.6
308	9.6	13056.5	-6003.1	398	10.5	15637.7	-6027.7	488	9.8	22141.2	-6053.6
309	9.3	13106.8	-6017.2	399	9.8	15646.9	-6004.3	489	10.0	22225.5	-6030.6
310	11.0	13107.9	-6042.2	400	9.8	15806.2	-6049.7	490	9.0	22228.5	-6033.6
311	8.5	13149.6	-6019.2	401	8.8	15818.7	-6053.7	491	9.4	22232.0	-6018.4
312	9.7	13203.2	-6048.2	402	8.9	15834.9	-6026.7	492	10.0	22250.4	-6011.8
313	11.0	13209.4	-6034.2	403	10.5	15931.5	-6021.7	493	10.0	22256.5	-6055.6
314	9.5	13348.9	-6047.2	404	10.5	15942.3	-6012.6	494	9.7	22303.0	-6044.6
315	9.5	13354.9	-6043.2	405	10.5	15954.4	-6032.6	495	10.0	22449.7	-6038.6
316	10.5	13406.0	-6018.1	406	10.0	20020.7	-6002.3	496	10.0	22510.1	-6007.6
317	10.5	13410.9	-6045.1	407	9.6	20045.7	-6049.6	497	10.5	22522.3	-6004.0
318	10.8	13510.5	-6006.0	408	10.5	20048.3	-6009.5	498	10.0	22531.3	-6038.6
319	10.5	13540.0	-6008.1	409	10.0	20107.5	-6045.6	499	9.8	22544.4	-6015.8
320	8.5	13603.2	-6028.1	410	8.5	20110.2	-6006.0	500	10.0	22607.4	-6001.0
321	11.0	13612.7	-6019.1	411	10.0	20156.7	-6049.6	501	9.8	22621.3	-6023.6
322	10.5	13624.2	-6027.1	412	10.0	20159.7	-6049.6	502	10.5	22639.1	-6045.6
323	10.5	13637.7	-6040.1	413	9.7	20221.0	-6043.6	503	10.5	22641.1	-6026.6
324	10.5	13713.8	-6013.1	414	10.0	20227.2	-6030.6	504	9.3	22642.5	-6053.6
325	10.3	13715.7	-6033.1	415	7.5	20331.3	-6016.5	505	8.2	22718.8	-6026.6
326	10.0	13728.2	-6051.1	416	9.8	20337.6	-6015.6	506	9.6	22723.8	-6045.6
327	9.6	13750.8	-6016.1	417	10.5	20400.4	-6057.6	507	9.8	22734.6	-6048.6
328	9.7	13756.8	-6029.1	418	10.5	20422.7	-6027.5	508	10.0	22752.6	-6047.6
329	9.7	13833.2	-6035.1	419	9.9	20443.5	-6004.5	509	9.4	22757.7	-6052.6
330	10.0	13848.6	-6028.1	420	9.8	20452.7	-6056.5	510	10.5	22833.7	-6047.6
331	11.0	13905.6	-6036.1	421	10.5	20525.2	-6057.5	511	10.5	22913.1	-6046.6
332	10.0	13950.2	-6026.0	422	10.5	20540.6	-6020.5	512	10.5	23003.2	-6014.6
333	11.3	14029.3	-6012.5	423	10.5	20543.6	-6034.5	513	10.5	23039.5	-6045.6
334	10.5	14036.7	-6047.0	424	10.5	20605.5	-6054.5	514	10.0	23114.0	-6001.8
335	9.2	14046.8	-6021.0	425	10.0	20628.7	-6053.5	515	10.3	23141.7	-6004.8
336	9.6	14053.7	-6031.0	426	10.5	20637.5	-6057.5	516	8.8	23150.5	-6013.7
337	10.5	14116.5	-6036.0	427	9.4	20654.2	-6059.5	517	10.5	23156.3	-6033.6
338	10.0	14128.4	-6010.0	428	8.8	20701.9	-6004.5	518	9.5	23207.5	-6043.6
339	9.7	14140.9	-6043.0	429	9.4	20708.7	-6054.5	519	10.8	23220.3	-6039.6
340	10.0	14142.6	-6041.0	430	11.5	20720.0	-6000.5	520	9.8	23241.6	-6053.6
341	10.0	14200.2	-6026.0	431	10.5	20731.5	-6046.5	521	10.0	23356.0	-6008.0
342	10.5	14219.2	-6044.0	432	10.0	20739.7	-6048.5	522	10.8	23402.1	-6009.7
343	9.7	14301.5	-6036.0	433	10.5	20742.5	-6049.5	523	10.5	23403.5	-6004.7
344	10.5	14324.5	-6010.9	434	10.5	20816.9	-6004.5	524	10.5	23411.6	-6037.0
345	10.0	14331.4	-6012.0	435	10.8	20833.9	-6049.5	525	10.5	23414.2	-6038.0
346	10.5	14355.9	-6054.9	436	8.8	20926.2	-6009.5	526	10.8	23417.1	-6001.7
347	10.5	14401.6	-6029.9	437	10.8	20943.3	-6004.4	527	9.8	23507.1	-6037.0
348	11.0	14404.0	-6032.9	438	9.7	20948.6	-6003.4	528	10.5	23508.0	-6038.0
349	10.5	14442.3	-6026.9	439	10.5	20949.8	-6047.5	529	7.3	23617.3	-6006.7
350	11.0	14449.7	-6014.9	440	9.8	20953.4	-6017.4	530	7.4	23622.5	-6006.7
351	11.0	14550.7	-6012.9	441	10.5	21021.1	-6017.4	531	9.0	23646.9	-6045.0
352	10.5	14558.7	-6026.9	442	10.5	21029.6	-6040.4	532	10.5	23714.6	-6018.0
353	10.3	14618.0	-6034.9	443	10.5	21035.7	-6027.4	533	10.5	23742.1	-6022.0
354	10.5	14644.0	-6022.9	444	9.0	21047.8	-6044.4	534	9.6	23748.8	-6021.0
355	9.4	14653.2	-6034.9	445	10.5	21058.0	-6042.4	535	10.5	23755.9	-6045.0
356	9.6	14701.2	-6013.3	446	9.2	21109.8	-6026.4	536	9.4	23817.8	-6031.0
357	9.7	14718.9	-6043.9	447	10.0	21113.2	-6054.4	537	10.0	23842.9	-6011.0
358	10.0	14740.7	-6050.9	448	10.5	21118.2	-6057.4	538	9.2	23853.2	-6036.0
359	10.5	14759.5	-6041.9	449	10.5	21202.2	-6049.4	539	10.5	23856.5	-6038.0
360	9.7	14805.8	-6017.9	450	10.0	21222.4	-6031.4	540	10.5	23902.2	-6048.0
361	8.9	14808.9	-6056.9	451	10.0	21225.6	-6022.4	541	10.0	23933.8	-6044.0
362	9.7	14808.9	-6019.9	452	10.5	21228.4	-6038.4	542	10.0	23936.4	-6057.0
363	10.0	14833.8	-6058.9	453	10.0	21229.5	-6017.4	543	11.0	23950.0	-6000.6
364	8.7	14854.4	-6001.8	454	10.0	21237.0	-6057.4	544	10.0	24010.4	-6008.8
365	11.0	14901.4	-6044.9	455	11.0	21244.7	-6002.3	545	9.0	24051.0	-6035.0
366	9.5	14910.4	-6056.9	456	10.5	21251.5	-6030.4	546	10.5	24102.3	-6013.0
367	11.5	14933.5	-6012.8	457	10.5	21307.0	-6047.4	547	10.0	24130.9	-6040.0
368	9.6	14945.2	-6017.1	458	10.5	21309.0	-6003.3	548	10.5	24140.8	-6009.0
369	11.0	15016.2	-6030.8	459	9.6	21316.5	-6058.4	549	10.0	24227.3	-6013.0
370	10.5	15022.5	-6007.3	460	10.8	21324.4	-6010.3	550	9.7	24228.9	-6041.0
371	11.5	15023.5	-6042.8	461	10.5	21416.0	-6008.3	551	9.7	24241.9	-6046.0
372	11.0	15052.3	-6015.8	462	10.0	21421.9	-6007.4	552	10.0	24243.8	-6003.5
373	11.0	15113.7	-6059.8	463	10.5	21425.2	-6019.4	553	10.0	24255.6	-6045.0
374	7.0	15116.8	-6055.8	464	10.3	21429.0	-6008.3	554	9.3	24328.1	-6048.0
375	10.0	15117.7	-6026.8	465	10.5	21449.4	-6057.3	555	8.5	24342.3	-6040.0
376	10.0	15134.0	-6008.3	466	10.5	21605.8	-6014.7	556	9.6	24346.9	-6028.0
377	8.5	15220.2	-6023.8	467	10.5	21610.4	-6029.3	557	10.0	24404.4	-6017.0
378	9.2	15220.7	-6047.8	468	10.8	21646.1	-6037.3	558	9.7	24414.0	-6058.0
379	9.0	15222.0	-6050.8	469	10.5	21704.3	-6052.3	559	10.8	24426.7	-6005.4
380	10.3	15222.7	-6019.8	470	9.6	21706.7	-6036.3	560	9.0	24520.1	-6056.0
381	10.5	15247.2	-6028.8	471	10.5	21715.1	-6020.3	561	10.8	24524.5	-6037.0
382	10.3	15336.8	-6024.8	472	10.0	21732.7	-6018.3	562	9.3	24610.3	-6009.2
383	11.0	15347.7	-6014.8	473	9.7	21738.8	-6022.3	563	10.5	24616.0	-6023.0
384	10.0	15408.8	-6036.8	474	9.8	21810.2	-6031.3	564	9.7	24638.8	-6039.0
385	10.3	15426.3	-6022.7	475	9.8	21816.6	-6021.3	565	9.7	24652.7	-6049.0
386	9.5	15433.2	-6016.0	476	10.0	21827.3	-6039.3	566	10.0	24727.0	-6008.3
387	10.0	15441.3	-6047.7	477	7.5	21835.1	-6020.3	567	9.5	24735.7	-6051.2
388	9.7	15442.4	-6045.7	478	9.0	21837.1	-6032.3	568	9.5	24737.4	-6040.2
389	10.0	15444.8	-6042.7	479	10.0	21926.9	-6023.6	569	10.5	24754.4	-6047.2
390	10.0	15449.6	-6058.7	480	10.0	21949.3	-6031.6	570	10.0	24754.4	-6053.2
391	10.0	15505.8	-6058.7	481	10.0	22000.9	-6013.6	571	10.0	24814.6	-6004.3
392	10.0	15507.1	-6035.7	482	10.0	22001.4	-6034.6	572	10.5	24815.5	-6026.2
393	10.0	15510.2	-6035.7	483	10.0	22002.7	-6027.6	573	10.5	24817.5	-6057.2
394	10.5	15525.7	-6047.7	484	10.5	22044.2	-6003.1	574	9.7	24821.5	-6046.2
395	10.0	15533.9	-6042.7	485	10.8	22057.8	-6004.1	575	10.0	24831.4	-6049.2
396	10.0	15613.4	-6042.7	486	6.0	22124.1	-6052.6	576	9.3	24839.9	-6046.2
577	9.8	24913.4	-6028.2								
578	8.2	24920.3	-6026.2								
579	10.5	24935.5	-6015.2								
580	9.2	24947.5	-6059.2								
581	10.0	25026.5	-6022.2								
582	10.0	25027.3	-6012.2								
583	10.0	25058.5	-6025.1								
584	9.7	25111.6	-6016.1								
585	9.5	25114.2	-6050.1								
586	9.8	25140.1	-6011.6								
587	10.0	25223.7	-6056.1								
588	8.2	25238.3	-6014.2								
589	9.5	25317.0	-6019.1								
590	10.0	25328.6	-6014.1								
591	10.5	25336.4	-6046.1								
592	10.0	25344.6	-6032.1								
593	10.0	25407.2	-6004.1								
594	10.0	25425.0	-6028.1								
595	9.5	25439.5	-6031.1								
596	9.8	25441.2	-6032.1								
597	10.5	25446.5	-6055.1								
598	10.5	25508.2	-6041.0								
599	10.5	25529.1	-6009.0								
600	10.0	25620.4	-6008.0								
601	10.0	25621.0	-6034.0								
602	10.0	25633.8	-6003.0								
603	9.7	25640.8	-6029.0								
604	10.0	25644.4	-6026.0								
605	10.0	25657.0	-6008.0								
606	7.6	25709.7	-6019.0								
607	11.0	25827.0	-6044.0								
608	9.5	25829.9	-6049.0								
609	10.8	25839.1	-6030.0								
610	10.8	25840.9	-6047.0								
611	10.5	25844.0	-6018.0								
612	9.9	25903.2	-6001.9								
613	10.8	25941.0	-6054.0								
614	10.5	25954.8	-6049.0								
615	8.0	30000.6	-6028.9								
616	8.8	30001.0	-6016.9								
617	5.2	30040.4	-6013.2								
618	10.8	30044.1	-6022.9								
619	7.9	30108.1	-6026.9								
620	7.7	30150.2	-6040.9								
621	11.0	30202.7	-6029.9								
622	11.0	30212.6	-6051.9								
623	10.5	30216.8	-6028.9								
624	10.8	30234.8	-6050.9								
625	9.5	30241.8	-6058.9								
626	10.5	30257.8	-6012.9								
627	10.3	30307.0	-6057.9								
628	11.0	30313.8	-6040.9								
629	10.5	30323.4	-6013.4								
630	9.6	30328.7	-6050.9								
631	10.0	30338.0	-6014.8								
632	8.5	30346.9	-6035.9								
633	10.0	30357.0	-6009.9								
634	10.0	30359.5	-6058.9								
635	11.0	30432.7	-6011.9								
636	9.9	30515.5	-6025.9								
637	9.5	30530.7	-6038.9								
638	10.0	30546.4	-6001.7								
639	9.5	30551.5	-6009.8								
640	7.7	30554.8	-6056.8								
641	10.3	30555.2	-6010.2								
642	11.0	30625.6	-6033.8								
643	9.4	30652.0	-6016.8								
644	11.0	30653.4	-6022.8								
645	10.8	30657.5	-6049.8								
646	10.8	30728.9	-6038.8								
647	10.5	30730.6	-6014.8								
648	10.0	30745.4	-6020.8								
649	10.5	30751.4	-6040.8								
650	10.8	30820.7	-6013.8								
651	10.0	30850.8	-6038.8								
652	11.0	30856.7	-6028.8								
653	10.5	30858.2	-6011.7								
654	10.3	30913.5	-6037.8								
655	8.6	30933.8	-6018.8								
656	10.5	30947.5	-6046.8								
657	10.0	30950.0	-6005.6								
658	10.5	31045.7	-6010.2								
659	10.0	31049.8	-6006.6								
660	11.0	31123.3	-6028.7								
661	10.8	31136.8	-6042.7								
662	9.4	31139.1	-6056.7								
663	10.8	31202.5	-6014.7								
664	10.5	31254.2	-6014.1								
665	11.0	31310.6	-6037.7								
666	10.5	31332.5	-6037.7								

C.4

-60 667 3h13m

-60 1026 4h48m

667	10.5	31347.1	-6048.6	757	9.6	33559.8	-6039.9	847	11.8	40111.0	-6058.2
668	10.3	31348.6	-6055.6	758	8.7	33604.6	-6013.2	848	10.0	40111.6	-6002.1
669	9.2	31349.8	-6031.6	759	11.5	33608.7	-6054.9	849	11.5	40147.7	-6036.2
670	11.0	31350.8	-6020.6	760	10.0	33633.6	-6052.9	850	9.9	40248.5	-6058.1
671	10.0	31414.1	-6007.5	761	10.0	33653.2	-6035.9	851	11.5	40316.5	-6021.1
672	10.8	31419.2	-6048.6	762	8.5	33657.0	-6028.9	852	11.3	40319.5	-6014.1
673	11.0	31422.4	-6013.6	763	10.0	33750.5	-6032.9	853	11.0	40321.7	-6040.1
674	9.0	31507.4	-6003.9	764	11.5	33833.7	-6019.9	854	10.0	40327.8	-6050.1
675	10.8	31621.1	-6041.5	765	11.3	33916.7	-6011.9	855	9.3	40334.6	-6018.1
676	11.0	31633.8	-6042.5	766	10.8	33920.7	-6020.9	856	8.0	40401.1	-6012.7
677	10.5	31644.0	-6020.5	767	9.5	33927.0	-6034.9	857	9.6	40407.5	-6015.6
678	10.8	31646.0	-6039.5	768	8.8	33931.4	-6054.9	858	9.5	40428.9	-6039.0
679	9.6	31717.8	-6002.6	769	8.1	33937.7	-6023.9	859	9.8	40432.9	-6039.8
680	8.2	31726.7	-6056.5	770	10.5	34004.1	-6010.3	860	8.2	40511.6	-6004.0
681	11.3	31736.8	-6017.5	771	9.8	34033.2	-6056.8	861	9.4	40515.9	-6047.0
682	11.5	31744.0	-6018.5	772	11.5	34143.1	-6032.8	862	9.9	40540.6	-6052.1
683	10.0	31754.5	-6007.3	773	11.8	34329.1	-6044.8	863	11.5	40545.8	-6010.1
684	11.3	31758.4	-6040.5	774	11.0	34335.0	-6036.8	864	10.5	40553.1	-6044.1
685	11.3	31809.2	-6053.5	775	9.8	34336.4	-6008.2	865	9.9	40649.7	-6038.1
686	11.0	31823.4	-6021.5	776	10.0	34340.5	-6005.7	866	11.0	40655.6	-6054.1
687	8.2	31833.2	-6005.3	777	10.0	34343.3	-6013.7	867	11.0	40706.0	-6026.1
688	10.5	31905.6	-6011.4	778	11.0	34348.5	-6014.8	868	10.8	40709.2	-6021.1
689	11.3	31924.2	-6030.4	779	11.0	34350.0	-6056.8	869	10.0	40723.0	-6012.9
690	7.8	31943.3	-6008.8	780	11.3	34352.7	-6034.6	870	8.2	40723.0	-6038.0
691	10.8	32015.1	-6013.8	781	10.5	34411.0	-6011.2	871	10.0	40725.6	-6010.8
692	11.5	32015.4	-6059.4	782	8.9	34420.4	-6019.7	872	9.5	40736.4	-6043.0
693	11.3	32022.8	-6012.4	783	11.0	34438.3	-6037.7	873	10.5	40741.9	-6042.7
694	11.5	32038.3	-6015.4	784	11.5	34457.2	-6023.7	874	10.8	40809.0	-6049.0
695	9.9	32052.7	-6033.4	785	10.8	34501.0	-6051.7	875	10.8	40820.6	-6057.0
696	10.3	32059.1	-6055.4	786	10.0	34511.2	-6015.6	876	11.3	40826.8	-6037.0
697	10.5	32110.4	-6053.4	787	10.3	34519.1	-6010.7	877	11.0	40838.8	-6054.0
698	10.0	32121.4	-6005.2	788	9.9	34526.4	-6012.2	878	10.0	40851.9	-6004.9
699	11.0	32123.3	-6025.4	789	11.0	34545.0	-6025.7	879	10.8	40925.0	-6044.8
700	10.0	32141.9	-6001.2	790	11.0	34603.7	-6042.7	880	10.0	40959.4	-6034.5
701	9.2	32150.9	-6017.4	791	10.0	34617.7	-6049.7	881	8.8	41000.3	-6058.7
702	11.3	32152.6	-6054.4	792	10.0	34622.5	-6044.7	882	9.8	41106.2	-6025.0
703	10.3	32154.1	-6040.4	793	10.8	34646.2	-6058.7	883	10.0	41205.9	-6018.5
704	11.5	32156.8	-6030.4	794	9.8	34659.0	-6040.7	884	7.8	41218.9	-6031.1
705	11.0	32205.2	-6023.4	795	8.7	34710.7	-6029.7	885	10.0	41228.9	-6013.8
706	11.0	32216.4	-6013.3	796	11.0	34714.0	-6045.7	886	9.8	41233.8	-6011.5
707	11.0	32254.8	-6055.3	797	10.5	34719.2	-6031.7	887	10.0	41243.1	-6035.5
708	11.5	32257.6	-6032.3	798	10.5	34729.4	-6011.6	888	9.5	41254.0	-6040.5
709	11.0	32301.6	-6049.3	799	11.0	34734.3	-6044.7	889	10.0	41305.4	-6032.5
710	10.0	32351.7	-6010.2	800	10.0	34740.2	-6001.5	890	9.8	41312.3	-6024.5
711	10.8	32400.5	-6009.3	801	11.0	34746.0	-6048.6	891	10.5	41329.6	-6042.5
712	11.5	32420.4	-6046.3	802	7.8	34815.0	-6048.6	892	9.5	41332.2	-6007.9
713	9.8	32441.4	-6027.3	803	7.9	34928.8	-6043.6	893	10.5	41352.4	-6036.5
714	11.3	32514.6	-6023.3	804	10.5	34938.1	-6015.0	894	10.5	41407.8	-6049.5
715	9.8	32605.3	-6038.2	805	10.0	34945.0	-6010.6	895	10.5	41414.2	-6044.5
716	9.2	32612.4	-6024.2	806	11.3	34953.4	-6017.6	896	10.8	41419.9	-6030.5
717	11.5	32616.3	-6018.2	807	11.3	34955.4	-6047.6	897	10.5	41449.3	-6051.5
718	11.3	32645.7	-6032.2	808	10.0	35023.6	-6008.0	898	10.5	41606.3	-6022.5
719	10.0	32720.6	-6005.1	809	11.0	35042.9	-6020.6	899	10.5	41612.8	-6037.5
720	11.0	32721.3	-6035.2	810	11.3	35101.9	-6029.6	900	10.5	41617.2	-6014.5
721	11.0	32723.8	-6021.2	811	11.3	35122.0	-6030.6	901	9.8	41625.5	-6021.5
722	11.0	32724.4	-6058.2	812	9.7	35129.8	-6004.4	902	10.5	41634.3	-6039.5
723	11.5	32809.6	-6043.2	813	11.5	35134.7	-6029.6	903	10.5	41656.3	-6021.5
724	9.7	32846.6	-6020.2	814	11.3	35142.9	-6022.6	904	9.6	41703.9	-6035.5
725	7.3	32851.0	-6017.1	815	9.4	35149.4	-6053.6	905	9.4	41706.9	-6058.5
726	9.4	32851.1	-6056.2	816	10.0	35208.7	-6004.4	906	10.3	41715.0	-6015.8
727	10.5	32859.3	-6050.2	817	8.4	35318.8	-6020.5	907	10.0	41721.7	-6009.6
728	10.3	32956.6	-6030.1	818	10.0	35329.7	-6029.5	908	11.3	41741.3	-6019.5
729	9.2	33013.6	-6014.1	819	8.2	35353.9	-6057.2	909	11.5	41754.1	-6050.5
730	11.3	33030.1	-6011.1	820	9.9	35355.9	-6025.6	910	11.3	41807.1	-6044.5
731	11.3	33031.7	-6014.1	821	10.0	35408.4	-6006.3	911	11.5	41808.4	-6036.5
732	11.5	33035.8	-6020.1	822	9.7	35418.0	-6013.9	912	9.8	41849.2	-6035.6
733	11.3	33036.9	-6022.1	823	11.0	35437.0	-6036.8	913	10.0	41853.0	-6029.5
734	11.5	33049.6	-6026.1	824	10.0	35446.0	-6005.3	914	11.3	41859.4	-6058.5
735	11.5	33055.6	-6053.1	825	11.0	35451.7	-6037.8	915	8.8	41943.0	-6037.4
736	10.0	33056.7	-6013.0	826	11.5	35511.5	-6055.8	916	10.0	41945.3	-6005.5
737	11.3	33056.9	-6051.1	827	11.3	35541.2	-6028.8	917	9.4	41950.8	-6007.2
738	11.5	33124.7	-6027.1	828	9.8	35542.2	-6015.0	918	11.8	41956.7	-6040.5
739	9.6	33132.5	-6017.1	829	10.0	35601.7	-6049.8	919	10.5	42004.5	-6018.5
740	8.3	33134.0	-6033.1	830	9.7	35629.7	-6053.8	920	10.8	42010.3	-6035.5
741	11.8	33139.6	-6043.1	831	11.5	35648.9	-6012.8	921	10.5	42040.1	-6023.4
742	11.3	33152.7	-6033.1	832	9.8	35656.4	-6019.8	922	11.0	42040.1	-6059.4
743	11.3	33154.8	-6010.1	833	11.5	35724.6	-6025.2	923	11.8	42142.3	-6044.4
744	11.5	33209.6	-6050.0	834	11.5	35728.7	-6046.2	924	11.5	42151.3	-6026.4
745	11.3	33219.1	-6044.0	835	10.3	35738.1	-6009.7	925	11.3	42153.5	-6033.4
746	10.0	33241.2	-6001.9	836	9.7	35753.4	-6001.2	926	10.5	42200.1	-6027.4
747	10.8	33305.6	-6035.0	837	9.6	35758.2	-6015.2	927	11.3	42224.3	-6030.3
748	9.4	33322.5	-6017.0	838	9.4	35820.4	-6042.2	928	11.0	42229.3	-6017.3
749	10.8	33345.8	-6025.0	839	10.5	35824.2	-6058.2	929	10.5	42234.0	-6034.3
750	11.0	33405.0	-6051.0	840	10.8	35834.2	-6035.2	930	8.6	42236.4	-6056.5
751	11.0	33408.5	-6052.0	841	10.8	35835.9	-6058.2	931	11.0	42239.1	-6020.3
752	9.8	33411.8	-6009.4	842	9.5	35929.2	-6056.2	932	9.9	42308.4	-6001.9
753	11.3	33451.0	-6038.0	843	10.3	35937.0	-6008.2	933	10.8	42352.1	-6035.3
754	11.5	33510.2	-6027.0	844	11.5	35938.0	-6021.2	934	10.8	42402.8	-6024.3
755	7.8	33532.8	-6010.9	845	9.9	40053.0	-6014.0	935	10.3	42504.1	-6024.3
756	6.9	33540.6	-6010.9	846	9.7	40105.4	-6025.2	936	9.9	42532.2	-6007.7
1017	10.5	44552.1	-6018.4								
1018	10.5	44656.3	-6045.3								
1019	7.1	44702.0	-6028.3								
1020	11.5	44739.9	-6039.2								
1021	9.2	44748.4	-6046.2								
1022	11.0	44758.8	-6059.2								
1023	11.0	44804.5	-6057.2								
1024	10.8	44808.5	-6019.2								
1025	9.2	44830.3	-6028.2								
1026	10.3	44849.2	-6008.8								

-60 1027 4h49m

1027 10.8	44914.0 -6029.2	1117 9.9	51243.3 -6000.6
1028 9.9	44938.8 -6019.2	1118 9.0	51313.4 -6028.3
1029 9.4	45016.3 -6059.8	1119 9.6	51344.9 -6032.4
1030 8.1	45047.7 -6050.8	1120 11.0	51350.7 -6054.2
1031 9.1	45052.6 -6057.8	1121 9.6	51405.8 -6007.9
1032 10.0	45126.8 -6015.2	1122 10.0	51422.6 -6055.2
1033 9.9	45131.3 -6020.8	1123 10.8	51440.4 -6035.2
1034 11.3	45137.2 -6009.2	1124 9.7	51449.9 -6035.2
1035 10.5	45145.4 -6046.8	1125 11.5	51453.8 -6058.2
1036 10.8	45148.4 -6008.1	1126 10.5	51459.6 -6043.2
1037 8.8	45229.1 -6008.8	1127 10.8	51507.8 -6012.5
1038 9.5	45231.3 -6004.0	1128 10.8	51539.3 -6015.4
1039 8.6	45249.6 -6037.0	1129 11.8	51551.5 -6012.2
1040 10.8	45254.8 -6019.0	1130 11.8	51621.8 -6046.2
1041 10.5	45303.3 -6031.0	1131 9.5	51627.6 -6053.2
1042 10.3	45311.9 -6039.8	1132 9.7	51631.2 -6049.2
1043 10.5	45352.5 -6008.1	1133 9.8	51631.8 -6013.3
1044 10.5	45358.8 -6010.4	1134 9.5	51638.3 -6010.5
1045 9.1	45416.6 -6037.0	1135 10.8	51703.6 -6049.0
1046 10.8	45419.3 -6021.0	1136 9.2	51717.9 -6036.2
1047 8.5	45420.2 -6033.2	1137 9.2	51726.1 -6009.1
1048 10.0	45445.6 -6051.8	1138 11.3	51802.5 -6046.1
1049 11.5	45507.9 -6053.9	1139 10.5	51807.2 -6036.1
1050 11.0	45539.4 -6055.9	1140 11.8	51807.2 -6009.1
1051 11.5	45600.0 -6027.9	1141 9.3	51819.3 -6025.1
1052 11.5	45608.5 -6054.9	1142 12.0	51833.0 -6039.1
1053 11.0	45618.7 -6034.9	1143 11.8	51834.2 -6036.1
1054 11.0	45645.9 -6041.9	1144 10.0	51845.8 -6001.4
1055 11.0	45725.0 -6013.9	1145 7.1	51859.5 -6054.1
1056 10.5	45726.5 -6013.8	1146 11.3	51929.3 -6037.0
1057 10.0	45801.2 -6013.8	1147 10.8	51948.3 -6021.0
1058 10.3	45802.6 -6050.8	1148 11.0	52000.2 -6040.0
1059 10.8	45852.3 -6002.1	1149 11.3	52026.1 -6030.0
1060 9.9	45913.8 -6027.0	1150 12.0	52029.5 -6029.0
1061 11.5	45915.7 -6044.8	1151 10.8	52042.4 -6025.0
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1063 11.0	50017.1 -6037.8	1153 10.8	52103.9 -6035.9
1064 9.9	50017.9 -6041.6	1154 11.8	52146.9 -6014.0
1065 11.5	50035.9 -6042.8	1155 11.5	52152.4 -6051.0
1066 11.5	50054.0 -6026.8	1156 11.0	52209.5 -6045.0
1067 9.9	50108.4 -6031.2	1157 8.5	52242.8 -6003.7
1068 9.4	50122.1 -6051.4	1158 10.8	52309.2 -6059.9
1069 10.5	50123.7 -6010.0	1159 11.8	52351.7 -6021.9
1070 11.0	50124.0 -6036.7	1160 9.2	52357.8 -6043.9
1071 10.8	50137.4 -6035.7	1161 11.3	52358.5 -6011.9
1072 10.5	50139.8 -6030.7	1162 10.5	52422.2 -6008.0
1073 10.8	50152.0 -6048.7	1163 10.5	52443.3 -6042.2
1074 10.3	50153.4 -6005.0	1164 10.5	52447.6 -6056.9
1075 9.7	50158.9 -6032.6	1165 10.8	52450.9 -6035.9
1076 11.5	50223.7 -6017.7	1166 10.5	52457.9 -6034.6
1077 10.0	50228.3 -6029.0	1167 9.0	52550.6 -6057.6
1078 10.5	50245.3 -6025.7	1168 10.3	52552.3 -6000.1
1079 10.0	50253.3 -6033.0	1169 7.5	52609.4 -6030.8
1080 11.3	50313.9 -6043.6	1170 8.1	52632.4 -6046.8
1081 9.3	50325.2 -6018.5	1171 9.8	52643.3 -6023.0
1082 10.3	50326.3 -6006.9	1172 9.8	52651.8 -6021.0
1083 10.3	50328.6 -6003.9	1173 9.2	52655.9 -6057.8
1084 11.3	50404.2 -6057.6	1174 10.8	52725.3 -6038.8
1085 10.3	50424.9 -6001.9	1175 11.3	52749.5 -6036.8
1086 11.0	50439.0 -6054.6	1176 9.5	52752.0 -6005.8
1087 10.3	50459.3 -6030.7	1177 10.5	52822.8 -6015.7
1088 8.0	50501.0 -6002.6	1178 11.0	52826.3 -6033.7
1089 9.6	50518.1 -6022.8	1179 11.3	52839.5 -6006.7
1090 10.3	50537.3 -6025.8	1180 10.0	52849.4 -6007.0
1091 11.5	50538.2 -6041.5	1181 8.5	52858.6 -6053.9
1092 10.8	50601.2 -6048.5	1182 10.0	52923.1 -6003.0
1093 9.9	50605.6 -6055.3	1183 9.9	52923.3 -6030.9
1094 10.8	50622.7 -6024.5	1184 11.0	52925.1 -6047.7
1095 11.5	50635.5 -6042.5	1185 10.0	52929.9 -6005.0
1096 10.3	50638.1 -6008.7	1186 11.3	52931.3 -6011.7
1097 10.0	50645.4 -6004.5	1187 10.5	52934.6 -6013.0
1098 11.0	50708.0 -6031.9	1188 10.3	52957.9 -6004.0
1099 9.5	50718.5 -6020.3	1189 8.6	52958.6 -6052.7
1100 10.8	50723.1 -6056.3	1190 10.3	53001.1 -6016.0
1101 10.0	50726.8 -6019.5	1191 11.5	53001.4 -6059.7
1102 10.8	50752.1 -6010.4	1192 12.0	53007.8 -6031.7
1103 10.0	50757.3 -6035.5	1193 10.5	53024.3 -6033.8
1104 8.3	50837.6 -6035.4	1194 11.5	53036.0 -6020.6
1105 11.0	50844.8 -6027.4	1195 11.3	53045.0 -6022.6
1106 11.5	50852.8 -6010.4	1196 7.4	53107.3 -6012.7
1107 9.1	50902.0 -6026.7	1197 9.2	53117.1 -6048.6
1108 11.0	50915.0 -6020.4	1198 10.3	53133.5 -6018.3
1109 10.5	50944.9 -6040.4	1199 11.5	53153.2 -6031.6
1110 10.8	51014.4 -6042.4	1200 9.7	53213.4 -6037.4
1111 9.0	51022.2 -6048.2	1201 11.5	53217.1 -6036.6
1112 10.5	51043.6 -6051.5	1202 9.3	53222.5 -6001.9
1113 9.7	51107.8 -6020.6	1203 10.5	53222.5 -6005.9
1114 8.6	51127.2 -6008.1	1204 8.2	53250.3 -6010.8
1115 10.5	51143.2 -6012.3	1205 9.1	53311.1 -6051.8
1116 11.5	51213.3 -6018.3	1206 9.8	53322.3 -6032.5

-60 1386 6h11m

1207 11.0	53330.7 -6043.5	1297 10.0	55132.3 -6055.5
1208 11.3	53339.3 -6046.5	1298 10.8	55159.2 -6040.5
1209 8.5	53341.1 -6058.3	1299 10.0	55159.6 -6034.2
1210 11.0	53344.5 -6039.5	1300 10.8	55201.4 -6013.8
1211 12.0	53447.7 -6018.5	1301 9.3	55219.4 -6006.8
1212 12.0	53452.4 -6035.5	1302 9.3	55222.6 -6044.5
1213 11.5	53501.7 -6049.5	1303 7.2	55230.5 -6002.3
1214 10.3	53512.1 -6018.5	1304 10.5	55257.9 -6007.0
1215 10.3	53520.7 -6021.5	1305 10.8	55301.8 -6059.5
1216 9.0	53623.4 -6043.2	1306 11.0	55341.8 -6030.4
1217 8.2	53636.2 -6007.7	1307 10.8	55357.9 -6050.0
1218 11.0	53652.9 -6026.4	1308 9.3	55405.6 -6034.4
1219 9.8	53708.6 -6054.5	1309 10.8	55419.2 -6022.0
1220 10.3	53709.7 -6050.4	1310 10.8	55451.2 -6017.2
1221 10.8	53713.3 -6000.7	1311 10.5	55454.6 -6046.4
1222 10.3	53748.9 -6010.6	1312 8.6	55457.2 -6035.7
1223 10.3	53805.8 -6021.6	1313 9.8	55502.3 -6009.2
1224 10.0	53808.4 -6002.9	1314 10.8	55511.2 -6022.0
1225 11.0	53818.0 -6053.4	1315 10.0	55515.2 -6041.8
1226 11.0	53819.0 -6049.4	1316 8.9	55531.1 -6051.1
1227 11.5	53837.8 -6051.4	1317 10.5	55533.2 -6041.4
1228 11.5	53851.2 -6027.3	1318 10.0	55605.2 -6017.4
1229 11.3	53855.2 -6036.3	1319 11.0	55618.8 -6014.6
1230 11.0	53903.5 -6000.7	1320 9.7	55710.6 -6041.4
1231 10.5	53933.2 -6004.6	1321 10.8	55724.6 -6004.0
1232 10.5	53934.6 -6003.6	1322 9.9	55732.2 -6032.2
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1234 11.5	54005.0 -6014.3	1324 9.9	55755.2 -6003.2
1235 10.8	54014.2 -6048.3	1325 8.5	55811.3 -6029.3
1236 10.0	54019.2 -6026.3	1326 10.5	55845.4 -6022.2
1237 9.0	54026.1 -6047.2	1327 10.8	55849.3 -6055.2
1238 9.9	54033.9 -6036.1	1328 9.2	55858.4 -6029.3
1239 9.4	54033.9 -6050.3	1329 11.0	55900.5 -6019.2
1240 10.3	54100.5 -6006.4	1330 8.6	55923.9 -6053.3
1241 11.8	54103.9 -6020.2	1331 10.0	55926.4 -6052.2
1242 10.5	54107.3 -6018.2	1332 10.0	55942.8 -6001.9
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1246 10.5	54144.9 -6005.5	1336 6.5	60035.0 -6005.7
1247 10.0	54204.3 -6002.5	1337 10.0	60102.2 -6052.2
1248 10.5	54214.6 -6009.2	1338 10.0	60105.7 -6027.1
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1251 10.5	54233.0 -6018.9	1341 8.5	60130.9 -6038.1
1252 9.9	54241.6 -6000.3	1342 10.5	60135.2 -6022.2
1253 9.6	54256.2 -6017.0	1343 10.3	60151.9 -6013.8
1254 10.8	54300.0 -6043.8	1344 10.8	60159.2 -6036.1
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1256 10.5	54340.5 -6058.0	1346 10.8	60205.4 -6057.8
1257 9.3	54343.9 -6057.8	1347 11.0	60205.5 -6050.1
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1260 8.7	54402.2 -6046.0	1350 10.5	60247.5 -6028.1
1261 9.9	54458.2 -6021.8	1351 10.5	60248.9 -6004.8
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1268 11.0	54603.2 -6059.5	1358 10.3	60500.7 -6022.2
1269 10.3	54604.2 -6030.7	1359 10.5	60509.2 -6035.2
1270 9.8	54635.0 -6009.3	1360 9.3	60515.7 -6033.0
1271 10.8	54640.2 -6028.7	1361 10.0	60522.4 -6001.0
1272 11.0	54649.0 -6032.9	1362 10.0	60535.0 -6019.1
1273 9.6	54651.4 -6013.6	1363 10.5	60549.2 -6034.1
1274 8.6	54711.8 -6021.5	1364 10.0	60640.7 -6001.0
1275 10.8	54735.5 -6043.7	1365 11.0	60654.1 -6007.1
1276 9.9	54739.2 -6031.9	1366 10.8	60705.9 -6047.9
1277 10.5	54740.1 -6043.5	1367 10.0	60724.6 -6029.0
1278 11.0	54754.5 -6038.5	1368 10.5	60744.6 -6017.9
1279 7.4	54809.7 -6042.7	1369 10.8	60809.0 -6021.9
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1287 11.0	54920.8 -6058.6	1377 9.5	60958.9 -6049.3
1288 10.8	54923.2 -6031.6	1378 8.6	61022.7 -6047.8
1289 10.8	54930.0 -6040.0	1379 10.0	61024.4 -6048.7
1290 9.8	54930.0 -6054.6	1380 8.4	61044.0 -6013.2
1291 9.5	55008.9 -6058.8	1381 10.0	61048.9 -6055.8
1292 9.8	55029.5 -6000.2	1382 10.8	61050.3 -6040.8
1293 10.0	55044.3 -6051.6	1383 10.5	61059.3 -6006.0
1294 10.0	55055.3 -6001.2	1384 8.6	61106.6 -6011.9
1295 10.8	55104.0 -6056.4	1385 9.0	61135.0 -6025.3
1296 10.0	55122.9 -6054.5	1386 10.5	61138.1 -6051.8

-60 1387 6h11m

-60 1746 7h20m

1387	10.3	61141.9	-6055.0	1477	9.0	63036.0	-6030.1	1567	9.3	64434.2	-6031.8
1388	11.0	61218.2	-6046.7	1478	9.7	63053.4	-6011.9	1568	11.0	64523.7	-6044.5
1389	9.5	61218.6	-6010.9	1479	11.0	63056.5	-6009.0	1569	10.0	64525.2	-6040.5
1390	9.6	61235.2	-6018.6	1480	9.3	63137.3	-6056.9	1570	9.7	64531.6	-6035.2
1391	9.2	61239.8	-6032.4	1481	9.9	63202.6	-6029.3	1571	9.9	64558.8	-6005.1
1392	9.8	61257.9	-6011.2	1482	9.9	63210.6	-6037.0	1572	9.4	64606.9	-6056.7
1393	9.7	61308.6	-6034.6	1483	9.3	63222.9	-6010.6	1573	11.0	64618.7	-6020.5
1394	9.5	61325.1	-6046.5	1484	8.9	63232.3	-6029.0	1574	10.0	64632.7	-6011.3
1395	9.5	61334.6	-6045.7	1485	10.5	63236.8	-6049.5	1575	8.4	64637.8	-6041.4
1396	8.5	61355.6	-6036.6	1486	9.9	63308.5	-6000.7	1576	10.5	64637.9	-6047.4
1397	11.0	61409.9	-6042.7	1487	10.0	63311.7	-6042.2	1577	10.0	64648.2	-6053.4
1398	9.9	61420.2	-6037.0	1488	9.1	63325.2	-6036.7	1578	10.0	64703.2	-6001.3
1399	11.0	61429.5	-6001.9	1489	9.2	63329.5	-6015.9	1579	9.7	64735.1	-6034.6
1400	11.0	61439.9	-6043.6	1490	9.8	63330 3	-6058.0	1580	8.3	64749.7	-6013.4
1401	9.6	61441.6	-6001.9	1491	10.0	63333.0	-6000.0	1581	10.0	64817.8	-6046.4
1402	10.8	61449.8	-6058.6	1492	9.5	63335.9	-6020.9	1582	6.4	64821.8	-6006.3
1403	11.0	61457.7	-6057.6	1493	10.0	63340.4	-6004.7	1583	9.4	64823.3	-6011.3
1404	10.8	61538.0	-6013.9	1494	10.8	63342.1	-6037.9	1584	10.0	64838.8	-6001.2
1405	9.9	61538.2	-6046.6	1495	9.8	63354.3	-6001.7	1585	9.3	64854.2	-6019.3
1406	10.8	61540.2	-6016.8	1496	10.0	63405.1	-6009.7	1586	10.8	64858.9	-6031.3
1407	11.0	61548.6	-6031.6	1497	9.8	63411.5	-6000.7	1587	10.8	64902.9	-6056.3
1408	9.2	61604.7	-6025.6	1498	9.9	63426.0	-6059.9	1588	10.0	65029.9	-6004.2
1409	10.5	61623.8	-6045.6	1499	10.8	63431.8	-6051.9	1589	10.5	65118.0	-6040.2
1410	10.0	61700.2	-6019.6	1500	10.3	63440.6	-6023.0	1590	10.8	65120.3	-6042.2
1411	9.1	61703.2	-6041.3	1501	11.0	63441.9	-6035.9	1591	10.3	65123.8	-6038.2
1412	9.7	61709.6	-6042.6	1502	10.8	63450.0	-6056.9	1592	11.0	65137.1	-6056.2
1413	10.3	61725.6	-6046.2	1503	9.8	63450.2	-6038.4	1593	10.3	65150.8	-6009.2
1414	10.3	61747.6	-6043.9	1504	10.0	63459.5	-6000.7	1594	8.7	65203.7	-6033.2
1415	10.3	61753.9	-6009.5	1505	9.4	63507.0	-6034.0	1595	9.6	65214.3	-6034.3
1416	10.8	61837.0	-6037.3	1506	9.8	63525.0	-6028.9	1596	9.5	65216.3	-6001.8
1417	10.0	61842.2	-6046.4	1507	10.5	63530.3	-6016.9	1597	9.9	65221.3	-6004.1
1418	10.3	61855.2	-6029.8	1508	10.0	63531.5	-6001.7	1598	11.0	65240.1	-6053.2
1419	10.8	61903.1	-6029.0	1509	11.0	63542.2	-6045.9	1599	10.5	65320.7	-6031.2
1420	10.0	61932.9	-6054.2	1510	10.5	63557.3	-6047.9	1600	10.5	65338.1	-6042.1
1421	10.5	61933.9	-6010.7	1511	10.5	63558.0	-6016.8	1601	9.8	65339.7	-6041.0
1422	8.3	61944.8	-6054.7	1512	10.5	63612.2	-6056.8	1602	9.4	65344.0	-6008.9
1423	9.2	62019.9	-6009.5	1513	10.3	63614.1	-6009.2	1603	9.9	65345.4	-6030.6
1424	10.3	62026.2	-6058.6	1514	10.8	63617.8	-6010.8	1604	11.0	65400.1	-6050.1
1425	6.6	62057.4	-6009.4	1515	9.4	63625.6	-6000.5	1605	9.8	65413.8	-6002.0
1426	10.5	62101.2	-6026.5	1516	9.6	63637.7	-6042.8	1606	11.0	65421.3	-6011.1
1427	10.5	62207.1	-6043.4	1517	10.5	63658.0	-6018.8	1607	10.0	65425.9	-6013.0
1428	9.6	62218.9	-6050.2	1518	7.2	63701.0	-6004.3	1608	9.7	65433.7	-6015.0
1429	6.0	62240.7	-6012.6	1519	10.5	63705.3	-6029.8	1609	10.0	65442.4	-6006.8
1430	10.5	62244.8	-6017.4	1520	11.0	63707.1	-6051.8	1610	10.0	65448.7	-6024.0
1431	8.6	62254.0	-6009.8	1521	10.5	63717.3	-6028.8	1611	9.5	65507.0	-6030.9
1432	10.0	62255.9	-6005.7	1522	10.8	63719.2	-6020.8	1612	9.9	65526.2	-6026.0
1433	10.8	62305.3	-6059.3	1523	9.5	63725.2	-6000.6	1613	10.8	65541.8	-6028.1
1434	9.8	62308.2	-6041.1	1524	9.2	63727.7	-6043.6	1614	10.5	65542.3	-6050.1
1435	10.5	62331.7	-6020.0	1525	8.4	63734.5	-6053.8	1615	11.0	65550.8	-6006.3
1436	10.5	62350.1	-6043.3	1526	9.5	63736.3	-6055.4	1616	8.1	65551.8	-6041.0
1437	10.3	62404.3	-6055.1	1527	10.5	63743.7	-6046.2	1617	8.0	65629.0	-6007.6
1438	10.3	62410.7	-6052.0	1528	8.0	63748.9	-6050.8	1618	9.7	65647.8	-6035.7
1439	10.5	62414.2	-6042.0	1529	9.7	63755.7	-6044.8	1619	8.0	65700.2	-6055.8
1440	8.5	62432.6	-6010.6	1530	7.7	63801.0	-6017.2	1620	9.4	65707.9	-6006.0
1441	10.3	62459.6	-6015.5	1531	10.0	63815.4	-6001.6	1621	10.8	65718.8	-6029.0
1442	9.3	62503.3	-6028.5	1532	10.0	63818.8	-6005.6	1622	9.1	65725.7	-6024.0
1443	9.5	62512.7	-6018.3	1533	9.4	63824.0	-6019.6	1623	7.4	65732.2	-6040.0
1444	9.8	62529.2	-6017.6	1534	10.5	63857.7	-6026.7	1624	9.3	65739.7	-6023.0
1445	8.3	62536.2	-6001.6	1535	9.6	63900.4	-6028.7	1625	10.0	65748.6	-6020.1
1446	9.6	62543.8	-6017.2	1536	10.0	63904.3	-6005.2	1626	10.5	65758.2	-6050.1
1447	7.5	62544.0	-6039.0	1537	8.4	63905.7	-6032.8	1627	10.0	65823.1	-6046.1
1448	8.4	62554.6	-6011.6	1538	10.8	63907.2	-6016.3	1628	9.6	65828.6	-6049.0
1449	10.0	62559.9	-6003.6	1539	9.8	63919.3	-6032.2	1629	10.3	65838.1	-6023.1
1450	10.0	62600.4	-6001.5	1540	9.8	63953.7	-6018.7	1630	8.0	65841.5	-6041.1
1451	11.0	62603.1	-6050.2	1541	8.2	64002.3	-6033.8	1631	9.9	65853.3	-6057.4
1452	11.0	62610.3	-6022.2	1542	10.5	64021.6	-6021.7	1632	9.5	65853.6	-6041.0
1453	10.8	62620.9	-6052.2	1543	10.5	64029.6	-6015.7	1633	9.0	65902.6	-6038.0
1454	10.0	62624.6	-6030.2	1544	9.5	64031.6	-6032.7	1634	7.8	65910.9	-6058.0
1455	9.9	62625.2	-6023.0	1545	11.0	64033.7	-6014.7	1635	9.6	65921.6	-6027.0
1456	10.8	62634.6	-6028.0	1546	10.0	64041.5	-6053.7	1636	10.0	65924.7	-6030.4
1457	11.0	62712.2	-6057.2	1547	10.0	64103.3	-6014.5	1637	9.0	65928.2	-6036.0
1458	9.4	62720.6	-6055.6	1548	10.5	64105.3	-6024.7	1638	10.0	65932.5	-6003.9
1459	9.6	62723.2	-6026.6	1549	9.4	64109.9	-6013.6	1639	9.7	65938.9	-6009.5
1460	10.0	62723.3	-6050.8	1550	11.0	64118.6	-6028.6	1640	9.6	65949.7	-6035.0
1461	10.0	62744.1	-6046.4	1551	9.8	64120.2	-6038.3	1641	10.0	65949.9	-6006.8
1462	8.7	62752.8	-6035.2	1552	10.0	64123.4	-6006.5	1642	9.5	65951.2	-6030.7
1463	8.0	62754.3	-6055.7	1553	10.0	64124.0	-6007.5	1643	10.5	70001.1	-6038.0
1464	10.3	62812.6	-6031.9	1554	10.5	64215.3	-6031.2	1644	10.8	70029.1	-6033.0
1465	9.6	62813.7	-6041.8	1555	10.5	64227.8	-6032.6	1645	10.3	70029.9	-6010.5
1466	10.5	62833.3	-6051.1	1556	10.8	64249.7	-6017.6	1646	10.5	70032.7	-6034.0
1467	10.0	62842.5	-6008.8	1557	10.0	64249.9	-6002.4	1647	10.0	70054.4	-6013.8
1468	10.3	62843.3	-6059.1	1558	9.9	64259.2	-6002.6	1648	10.0	70059.8	-6004.8
1469	10.0	62851.6	-6000.4	1559	10.8	64327.4	-6016.6	1649	8.6	70111.8	-6052.8
1470	10.0	62911.7	-6018.4	1560	10.8	64331.2	-6045.6	1650	9.6	70121.6	-6032.0
1471	9.4	62926.2	-6059.9	1561	10.5	64340.8	-6046.6	1651	10.0	70145.2	-6024.0
1472	10.8	62942.6	-6057.1	1562	9.8	64348.8	-6057.6	1652	10.3	70148.6	-6024.8
1473	10.8	62947.2	-6031.0	1563	9.8	64404.2	-6045.5	1653	9.0	70210.3	-6001.8
1474	11.0	63014.5	-6034.1	1564	8.6	64414.4	-6007.5	1654	8.8	70250.3	-6016.3
1475	10.5	63021.2	-6041.8	1565	10.8	64422.0	-6054.5	1655	8.3	70306.0	-6036.9
1476	10.5	63023.1	-6058.8	1566	10.0	64423.3	-6006.4	1656	10.3	70310.3	-6017.9
1657	10.0	70346.8	-6005.7								
1658	9.8	70348.6	-6047.9								
1659	9.0	70404.6	-6022.9								
1660	9.9	70412.3	-6052.9								
1661	9.8	70414.8	-6007.5								
1662	10.8	70453.7	-6038.9								
1663	9.8	70511.7	-6032.6								
1664	10.0	70518.3	-6006.6								
1665	10.0	70543.6	-6042.3								
1666	11.0	70553.5	-6033.9								
1667	9.8	70556.2	-6034.9								
1668	10.0	70559.7	-6036.9								
1669	10.5	70603.6	-6021.9								
1670	10.8	70611.9	-6028.9								
1671	10.5	70613.7	-6024.9								
1672	9.3	70642.2	-6038.9								
1673	10.0	70644.3	-6052.7								
1674	9.0	70655.6	-6028.7								
1675	10.0	70721.4	-6037.6								
1676	7.7	70725.6	-6022.1								
1677	9.6	70735.8	-6055.6								
1678	9.2	70738.6	-6019.9								
1679	6.9	70740.8	-6010.8								
1680	10.0	70746.3	-6010.0								
1681	10.0	70754.0	-6017.9								
1682	10.0	70809.8	-6018.6								
1683	9.2	70821.6	-6037.8								
1684	10.0	70828.6	-6058.3								
1685	9.6	70829.1	-6040.6								
1686	10.8	70838.6	-6025.9								
1687	8.7	70845.2	-6036.9								
1688	9.7	70918.7	-6031.8								
1689	10.0	70931.8	-6049.8								
1690	9.1	70937.6	-6023.0								
1691	9.5	70938.8	-6050.4								
1692	10.5	70956.6	-6028.4								
1693	11.0	70958.6	-6014.8								
1694	10.8	71000.8	-6022.8								
1695	10.0	71018.2	-6030.4								
1696	9.9	71020.2	-6035.4								
1697	10.0	71044.2	-6048.8								
1698	9.9	71059.0	-6019.8								
1699	8.9	71105.1	-6045.5								
1700	10.0	71106.2	-6003.8								
1701	10.0	71112.0	-6027.8								
1702	9.4	71115.9	-6014.3								
1703	9.7	71116.2	-6025.8								
1704	8.7	71146.2	-6032.8								
1705	10.3	71208.2	-6045.8								
1706	10.3	71244.0	-6022.8								
1707	7.4	71245.8	-6051.4								
1708	9.0	71303.6	-6002.4								
1709	9.9	71308.8	-6058.6								
1710	10.3	71320.8	-6037.8								
1711	10.3	71348.9	-6012.9								
1712	10.3	71356.7	-6047.8								
1713	10.0	71402.8	-6003.4								
1714	9.9	71403.2	-6033.8								
1715	10.5	71408.8	-6009.9								
1716	9.5	71425.3	-6049.8								
1717	8.0	71426.3	-6018.0								
1718	9.9	71456.7	-6031.4								
1719	10.3	71506.8	-6056.4								
1720	9.6	71547.8	-6054.6								
1721	10.3	71601.4	-6032.7								
1722	10.5	71603.7	-6005.3								
1723	9.8	71612.3	-6052.7								
1724	10.0	71620.0	-6013.1								
1725	9.7	71621.7	-6037.4								
1726	9.4	71628.9	-6040.7								
1727	9.8	71635.3	-6022.7								
1728	10.5	71700.0	-6025.7								
1729	8.5	71700.5	-6021.9								
1730	10.8	71713.6	-6047.7								
1731	9.7	71748.6	-6047.8								
1732	7.3	71752.2	-6054.7								
1733	9.8	71811.6	-6023.9								
1734	9.3	71819.4	-6047.8								
1735	10.5	71838.6	-6008.3								
1736	10.3	71901.3	-6012.6								
1737	10.5	71918.9	-6005.3								
1738	9.4	71932.3	-6001.0								
1739	9.8	71954.4	-6008.2								
1740	10.0	71959.0	-6006.0								
1741	9.5	72018.0	-6027.4								
1742	10.3	72019.9	-6023.7								
1743	10.5	72023.1	-6033.7								
1744	9.2	72025.3	-6004.0								
1745	10.3	72028.1	-6042.7								
1746	10.8	72034.2	-6055.7								

-60 1747 7h20m

1747	10.3	72035.9	-6010.6	1837	11.0	73833.8	-6059.3	1927	10.0	75438.0	-6017.9
1748	9.9	72038.0	-6007.5	1838	9.9	73850.2	-6020.6	1928	8.0	75441.3	-6028.9
1749	9.6	72038.7	-6000.2	1839	9.4	73856.2	-6036.3	1929	8.5	75443.7	-6029.9
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1751	10.0	72110.8	-6018.7	1841	10.0	74015.2	-6042.3	1931	8.2	75448.8	-6015.8
1752	9.5	72121.1	-6044.4	1842	9.6	74020.7	-6044.3	1932	9.5	75455.9	-6025.9
1753	9.2	72125.6	-6028.3	1843	10.3	74032.8	-6013.2	1933	9.0	75508.8	-6032.8
1754	10.0	72159.1	-6045.2	1844	10.5	74033.2	-6013.0	1934	10.0	75509.3	-6005.4
1755	10.5	72204.4	-6044.7	1845	9.4	74040.0	-6000.6	1935	10.0	75512.4	-6014.6
1756	9.5	72205.2	-6033.4	1846	11.3	74043.3	-6010.3	1936	9.3	75516.4	-6029.8
1757	7.9	72210.9	-6035.7	1847	11.0	74044.6	-6021.2	1937	7.8	75516.6	-6025.8
1758	10.0	72216.1	-6046.7	1848	9.0	74054.2	-6026.2	1938	9.8	75524.8	-6029.8
1759	8.5	72224.6	-6015.4	1849	10.5	74057.5	-6028.2	1939	9.5	75526.5	-6017.8
1760	10.5	72318.8	-6028.6	1850	11.3	74150.0	-6049.2	1940	9.7	75530.2	-6038.8
1761	10.5	72334.1	-6033.6	1851	11.0	74155.5	-6005.9	1941	10.0	75531.2	-6054.8
1762	10.5	72341.1	-6010.2	1852	9.8	74239.3	-6011.8	1942	10.0	75532.2	-6039.8
1763	10.3	72345.1	-6015.6	1853	10.0	74356.3	-6011.9	1943	9.5	75533.2	-6043.8
1764	10.3	72358.9	-6008.6	1854	10.3	74409.3	-6012.9	1944	9.7	75533.3	-6033.8
1765	10.5	72431.8	-6012.4	1855	10.3	74419.3	-6008.7	1945	9.5	75534.1	-6018.8
1766	8.5	72450.2	-6044.0	1856	11.0	74421.7	-6007.8	1946	9.0	75534.8	-6033.8
1767	11.5	72456.2	-6011.7	1857	9.9	74422.6	-6036.0	1947	10.0	75535.0	-6033.1
1768	9.6	72534.6	-6041.9	1858	9.4	74438.8	-6012.1	1948	8.7	75537.4	-6022.8
1769	11.3	72534.6	-6032.7	1859	10.5	74452.9	-6048.1	1949	9.5	75538.5	-6017.8
1770	10.3	72546.2	-6000.1	1860	11.5	74512.2	-6022.1	1950	10.0	75541.0	-6026.7
1771	11.5	72554.2	-6051.7	1861	11.5	74512.2	-6011.1	1951	8.5	75541.5	-6015.8
1772	11.0	72559.8	-6015.7	1862	9.9	74518.2	-6007.8	1952	7.7	75542.1	-6035.8
1773	11.0	72559.8	-6016.7	1863	9.0	74531.4	-6028.2	1953	9.7	75542.3	-6028.8
1774	9.9	72603.7	-6027.9	1864	10.0	74539.2	-6029.0	1954	9.8	75543.9	-6020.8
1775	9.6	72641.2	-6036.4	1865	8.3	74622.3	-6035.1	1955	10.0	75543.9	-6028.8
1776	10.5	72646.9	-6010.9	1866	11.0	74640.1	-6001.7	1956	10.0	75544.4	-6022.8
1777	11.0	72653.3	-6017.6	1867	7.8	74652.9	-6051.1	1957	11.0	75549.1	-6011.3
1778	9.7	72655.5	-6035.6	1868	10.5	74655.9	-6027.1	1958	9.5	75552.9	-6022.8
1779	9.3	72659.2	-6045.6	1869	11.5	74726.5	-6038.0	1959	10.0	75552.9	-6023.8
1780	9.7	72714.2	-6026.0	1870	11.5	74729.4	-6041.0	1960	10.0	75553.8	-6030.8
1781	11.0	72735.0	-6058.6	1871	10.5	74731.4	-6030.0	1961	8.3	75556.4	-6016.8
1782	11.0	72736.7	-6041.6	1872	9.3	74749.8	-6022.0	1962	10.0	75558.0	-6022.1
1783	10.8	72750.2	-6015.6	1873	11.5	74756.1	-6035.0	1963	9.0	75558.8	-6028.8
1784	11.3	72803.4	-6041.6	1874	11.0	74803.0	-6001.7	1964	9.0	75603.1	-6026.8
1785	7.6	72812.5	-6058.8	1875	8.4	74803.2	-6021.0	1965	7.7	75605.1	-6028.8
1786	9.7	72815.4	-6005.0	1876	9.5	74804.3	-6013.8	1966	9.0	75607.3	-6031.8
1787	10.3	72819.2	-6027.8	1877	8.4	74806.9	-6054.2	1967	8.0	75608.1	-6027.8
1788	10.8	72821.2	-6043.6	1878	9.3	74808.9	-6049.0	1968	10.5	75609.0	-6018.5
1789	10.3	72823.3	-6059.6	1879	8.8	74916.2	-6056.0	1969	9.5	75609.4	-6022.8
1790	10.5	72846.9	-6053.6	1880	9.9	74919.7	-6024.9	1970	9.0	75609.5	-6024.9
1791	9.7	72847.7	-6010.0	1881	10.5	74928.2	-6022.0	1971	9.0	75609.8	-6032.8
1792	10.8	72848.0	-6041.6	1882	10.5	74930.6	-6005.6	1972	10.0	75615.0	-6029.1
1793	9.2	72853.2	-6013.7	1883	9.2	74952.6	-6003.6	1973	7.7	75618.1	-6030.8
1794	11.5	72857.5	-6019.6	1884	9.2	75008.8	-6029.0	1974	10.0	75620.3	-6032.8
1795	10.8	72903.2	-6043.3	1885	10.3	75009.7	-6002.8	1975	9.5	75622.3	-6027.8
1796	10.3	72915.2	-6046.6	1886	9.7	75014.2	-6034.0	1976	10.0	75623.9	-6021.8
1797	9.4	72921.4	-6043.4	1887	10.5	75024.2	-6001.6	1977	10.0	75624.5	-6017.2
1798	10.3	72926.7	-6028.9	1888	11.5	75025.6	-6043.0	1978	9.5	75625.4	-6023.8
1799	9.6	72934.2	-6023.8	1889	11.5	75033.4	-6045.0	1979	10.0	75628.0	-6036.9
1800	10.5	72941.7	-6032.6	1890	10.0	75052.7	-6027.8	1980	9.7	75628.4	-6013.6
1801	10.5	72941.7	-6020.8	1891	10.3	75055.2	-6013.2	1981	10.0	75629.0	-6033.3
1802	10.8	72952.5	-6034.6	1892	11.0	75057.7	-6053.0	1982	10.0	75629.0	-6029.0
1803	11.0	73055.5	-6019.5	1893	10.0	75104.3	-6011.8	1983	9.4	75629.0	-6021.5
1804	11.0	73059.8	-6030.5	1894	8.7	75113.0	-6036.8	1984	10.8	75630.1	-6013.0
1805	11.0	73104.3	-6052.5	1895	9.4	75118.2	-6023.0	1985	10.0	75631.9	-6018.8
1806	11.0	73113.6	-6007.9	1896	10.5	75120.3	-6006.8	1986	9.8	75635.2	-6040.8
1807	10.8	73154.0	-6002.9	1897	8.0	75130.2	-6043.6	1987	11.0	75636.2	-6002.3
1808	11.0	73155.0	-6048.5	1898	10.0	75132.0	-6020.9	1988	9.0	75638.4	-6021.8
1809	9.6	73201.9	-6027.5	1899	9.5	75136.6	-6034.9	1989	10.0	75639.0	-6026.0
1810	11.3	73208.8	-6038.5	1900	9.2	75140.9	-6014.8	1990	9.3	75644.4	-6018.8
1811	8.0	73254.3	-6048.5	1901	7.6	75150.2	-6015.2	1991	9.3	75645.5	-6019.8
1812	10.5	73259.4	-6009.8	1902	11.5	75206.5	-6038.9	1992	6.2	75645.7	-6028.8
1813	9.4	73300.2	-6057.6	1903	9.5	75207.2	-6022.9	1993	10.0	75646.9	-6015.9
1814	9.6	73332.2	-6022.0	1904	11.5	75219.3	-6015.9	1994	10.5	75649.0	-6049.8
1815	9.8	73340.8	-6015.0	1905	10.0	75231.3	-6058.9	1995	10.0	75649.0	-6052.8
1816	10.3	73438.3	-6015.8	1906	11.0	75242.2	-6037.9	1996	10.0	75658.0	-6027.1
1817	9.6	73454.7	-6002.0	1907	10.5	75258.8	-6028.9	1997	10.0	75701.5	-6029.4
1818	10.3	73525.6	-6032.8	1908	10.8	75300.5	-6017.9	1998	8.7	75707.4	-6014.6
1819	11.5	73527.6	-6029.4	1909	8.6	75302.2	-6012.2	1999	9.8	75710.8	-6030.8
1820	10.5	73530.2	-6003.0	1910	8.6	75305.0	-6015.9	2000	9.7	75711.0	-6005.3
1821	10.8	73554.9	-6009.2	1911	10.0	75318.3	-6036.9	2001	10.0	75713.6	-6038.8
1822	11.5	73602.0	-6054.4	1912	9.5	75319.3	-6030.9	2002	9.6	75716.0	-6028.8
1823	10.0	73604.9	-6052.2	1913	9.7	75320.9	-6019.9	2003	9.6	75718.9	-6027.8
1824	11.0	73608.1	-6002.2	1914	9.6	75322.7	-6004.3	2004	9.7	75722.9	-6027.8
1825	11.5	73613.8	-6045.4	1915	9.2	75345.0	-6007.4	2005	5.1	75729.7	-6014.4
1826	11.5	73624.9	-6053.4	1916	10.5	75349.8	-6025.9	2006	9.5	75738.4	-6019.8
1827	7.4	73643.0	-6020.5	1917	8.1	75350.8	-6050.9	2007	11.0	75738.7	-6051.8
1828	10.0	73652.4	-6014.0	1918	10.0	75358.4	-6011.2	2008	9.7	75748.4	-6020.8
1829	10.8	73702.1	-6030.2	1919	10.5	75403.9	-6022.9	2009	8.6	75751.4	-6023.8
1830	9.5	73708.7	-6020.0	1920	5.6	75412.5	-6011.9	2010	9.1	75757.6	-6025.8
1831	11.0	73722.6	-6004.1	1921	7.3	75415.5	-6045.9	2011	10.5	75758.6	-6004.8
1832	10.3	73738.9	-6048.3	1922	9.3	75416.2	-6003.2	2012	9.9	75800.9	-6020.8
1833	9.5	73743.7	-6026.4	1923	8.9	75416.6	-6027.9	2013	9.9	75804.2	-6040.8
1834	11.0	73758.2	-6010.3	1924	10.5	75418.2	-6010.6	2014	10.5	75815.8	-6029.8
1835	9.6	73831.9	-6056.3	1925	9.3	75423.7	-6056.9	2015	10.0	75823.1	-6017.8
1836	9.1	73832.9	-6054.5	1926	10.5	75434.9	-6026.9	2016	10.3	75823.9	-6016.4

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2017	9.6	75828.9	-6022.8	2027	11.0	75906.6	-6015.7	2037	10.5	80049.2	-6040.7
2018	10.3	75832.9	-6010.8	2028	10.8	75910.3	-6046.7	2038	9.7	80108.5	-6016.7
2019	9.7	75836.4	-6009.8	2029	8.9	75931.9	-6010.8	2039	10.0	80111.7	-6003.3
2020	10.8	75844.6	-6037.7	2030	8.7	75953.2	-6043.7	2040	10.3	80111.7	-6030.7
2021	9.7	75848.2	-6039.7	2031	11.0	80015.0	-6000.1	2041	8.8	80118.8	-6010.7
2022	8.4	75858.2	-6034.7	2032	10.0	80035.8	-6028.7	2042	11.0	80123.4	-6043.7
2023	9.7	75859.2	-6054.7	2033	10.0	80039.8	-6032.5	2043	8.2	80134.2	-6032.9
2024	9.9	75900.8	-6059.7	2034	9.9	80042.9	-6032.5	2044	10.0	80136.3	-6011.5
2025	11.0	75901.6	-6020.7	2035	9.9	80043.2	-6022.0	2045	11.0	80147.3	-6042.7
2026	11.0	75905.5	-6037.7	2036	9.6	80044.3	-6035.7	2046	10.8	80154.9	-6015.7
2027	11.0	75906.6	-6015.7	2037	10.5	80049.2	-6040.7	2047	11.0	80156.0	-6025.7
2028	10.8	75910.3	-6046.7	2038	9.7	80108.5	-6016.7	2048	10.8	80210.9	-6018.6
2029	8.9	75931.9	-6010.8	2039	10.0	80111.7	-6003.3	2049	9.2	80223.9	-6008.0
2030	8.7	75953.2	-6043.7	2040	10.3	80111.7	-6030.7	2050	10.0	80224.2	-6022.8
2031	11.0	80015.0	-6000.1	2041	8.8	80118.8	-6010.7	2051	10.3	80229.8	-6059.4
2032	10.0	80035.8	-6028.7	2042	11.0	80123.4	-6043.7	2052	10.8	80230.7	-6053.6
2033	10.0	80039.8	-6032.5	2043	8.2	80134.2	-6032.9	2053	9.7	80241.8	-6010.2
2034	9.9	80042.9	-6032.5	2044	10.0	80136.3	-6011.5	2054	9.6	80243.2	-6024.8
2035	9.9	80043.2	-6022.0	2045	11.0	80147.3	-6042.7	2055	10.5	80248.5	-6030.6
2036	9.6	80044.3	-6035.7	2046	10.8	80154.9	-6015.7	2056	7.4	80248.8	-6002.0
2037	10.5	80049.2	-6040.7	2047	11.0	80156.0	-6025.7	2057	11.0	80250.0	-6045.6
2038	9.7	80108.5	-6016.7	2048	10.8	80210.9	-6018.6	2058	10.3	80251.2	-6042.2
2039	10.0	80111.7	-6003.3	2049	9.2	80223.9	-6008.0	2059	10.5	80306.7	-6040.6
2040	10.3	80111.7	-6030.7	2050	10.0	80224.2	-6022.8	2060	11.0	80313.7	-6027.6
2041	8.8	80118.8	-6010.7	2051	10.3	80229.8	-6059.4	2061	10.8	80324.8	-6011.6
2042	11.0	80123.4	-6043.7	2052	10.8	80230.7	-6053.6	2062	9.4	80334.2	-6042.2
2043	8.2	80134.2	-6032.9	2053	9.7	80241.8	-6010.2	2063	9.8	80339.2	-6035.4
2044	10.0	80136.3	-6011.5	2054	9.6	80243.2	-6024.8	2064	11.0	80340.6	-6027.6
2045	11.0	80147.3	-6042.7	2055	10.5	80248.5	-6030.6	2065	10.8	80349.3	-6016.6
2046	10.8	80154.9	-6015.7	2056	7.4	80248.8	-6002.0	2066	9.7	80404.8	-6013.8
2047	11.0	80156.0	-6025.7	2057	11.0	80250.0	-6045.6	2067	9.9	80408.0	-6012.1
2048	10.8	80210.9	-6018.6	2058	10.3	80251.2	-6042.2	2068	9.5	80439.2	-6057.2
2049	9.2	80223.9	-6008.0	2059	10.5	80306.7	-6040.6	2069	10.3	80447.1	-6057.6
2050	10.0	80224.2	-6022.8	2060	11.0	80313.7	-6027.6	2070	10.5	80452.3	-6044.6
2051	10.3	80229.8	-6059.4	2061	10.8	80324.8	-6011.6	2071	10.5	80453.5	-6030.6
2052	10.8	80230.7	-6053.6	2062	9.4	80334.2	-6042.2	2072	10.0	80504.1	-6012.3
2053	9.7	80241.8	-6010.2	2063	9.8	80339.2	-6035.4	2073	10.3	80506.8	-6057.6
2054	9.6	80243.2	-6024.8	2064	11.0	80340.6	-6027.6	2074	9.6	80514.0	-6041.3
2055	10.5	80248.5	-6030.6	2065	10.8	80349.3	-6016.6	2075	10.0	80523.7	-6042.6
2056	7.4	80248.8	-6002.0	2066	9.7	80404.8	-6013.8	2076	9.9	80527.5	-6045.3
2057	11.0	80250.0	-6045.6	2067	9.9	80408.0	-6012.1	2077	10.5	80541.4	-6018.5
2058	10.3	80251.2	-6042.2	2068	9.5	80439.2	-6057.2	2078	10.3	80544.2	-6007.5
2059	10.5	80306.7	-6040.6	2069	10.3	80447.1	-6057.6	2079	10.3	80553.8	-6012.7
2060	11.0	80313.7	-6027.6	2070	10.5	80452.3	-6044.6	2080	9.6	80602.5	-6007.7
2061	10.8	80324.8	-6011.6	2071	10.5	80453.5	-6030.6	2081	8.0	80604.2	-6042.5
2062	9.4	80334.2	-6042.2	2072	10.0	80504.1	-6012.3	2082	10.0	80613.7	-6018.9
2063	9.8	80339.2	-6035.4	2073	10.3	80506.8	-6057.6	2083	10.0	80614.8	-6015.7
2064	11.0	80340.6	-6027.6	2074	9.6	80514.0	-6041.3	2084	10.3	80615.6	-6049.5
2065	10.8	80349.3	-6016.6	2075	10.0	80523.7	-6042.6	2085	9.3	80620.9	-6025.8
2066	9.7	80404.8	-6013.8	2076	9.9	80527.5	-6045.3	2086	7.4	80631.0	-6015.6
2067	9.9	80408.0	-6012.1	2077	10.5	80541.4	-6018.5	2087	10.0	80650.9	-6040.5
2068	9.5	80439.2	-6057.2	2078	10.3	80544.2	-6007.5	2088	4.8	80655.6	-6055.5
2069	10.3	80447.1	-6057.6	2079	10.3	80553.8	-6012.7	2089	10.3	80659.2	-6012.4
2070	10.5	80452.3	-6044.6	2080	9.6	80602.5	-6007.7	2090	9.0	80706.2	-6040.7
2071	10.5	80453.5	-6030.6	2081	8.0	80604.2	-6042.5	2091	10.5	80707.3	-6016.5
2072	10.0	80504.1	-6012.3	2082	10.0	80613.7	-6018.9	2092	10.5	80739.8	-6035.2
2073	10.3	80506.8	-6057.6	2083	10.0	80614.8	-6015.7	2093	10.5	80741.6	-6055.5
2074	9.6	80514.0	-6041.3	2084	10.3	80615.6	-6049.5	2094	10.3	80744.2	-6022.8
2075	10.0	80523.7	-6042.6	2085	9.3	80620.9	-6025.8	2095	9.8	80756.2	-6026.2
2076	9.9	80527.5	-6045.3	2086	7.4	80631.0	-6015.6	2096	10.8	80809.4	-6029.5
2077	10.5	80541.4	-6018.5	2087	10.0	80650.9	-6040.5	2097	10.3	80825.6	-6054.5
2078	10.3	80544.2	-6007.5	2088	4.8	80655.6	-6055.5	2098	9.7	80850.3	-6054.2
2079	10.3	80553.8	-6012.7	2089	10.3	80659.2	-6012.4	2099	9.4	80850.3	-6035.5
2080	9.6	80602.5	-6007.7	2090	9.0	80706.2	-6040.7	2100	9.5	80900.7	-6052.5
2081	8.0	80604.2	-6042.5	2091	10.5	80707.3	-6016.5	2101	10.5	80901.6	-6016.5
2082	10.0	80613.7	-6018.9	2092	10.5	80739.8	-6035.2	2102	10.5	80908.7	-6055.4
2083	10.0	80614.8	-6015.7	2093	10.5	80741.6	-6055.5	2103	10.3	80909.8	-6035.2
2084	10.3	80615.6	-6049.5	2094	10.3	80744.2	-6022.8	2104	10.8	80917.7	-6050.4
2085	9.3	80620.9	-6025.8	2095	9.8	80756.2	-6026.2	2105	10.8	80919.8	-6001.3
2086	7.4	80631.0	-6015.6	2096	10.8	80809.4	-6029.5	2106	11.3	80921.0	-6022.4

2107	10.5	80935.8	-6002.4	2197	10.3	82552.5	-6034.5	2287	9.7	83808.2	-6038.8
2108	11.3	80945.8	-6005.7	2198	10.8	82555.3	-6033.8	2288	10.8	83815.3	-6056.3
2109	10.8	80951.5	-6041.4	2199	8.5	82603.4	-6055.5	2289	11.0	83824.0	-6012.3
2110	10.0	81010.2	-6002.7	2200	9.2	82605.7	-6047.5	2290	9.5	83831.6	-6050.3
2111	9.2	81018.3	-6049.0	2201	9.5	82612.2	-6044.8	2291	11.0	83852.7	-6035.3
2112	10.0	81021.3	-6059.2	2202	8.9	82620.6	-6040.5	2292	10.8	83847.2	-6013.3
2113	8.8	81031.2	-6034.4	2203	9.6	82639.8	-6031.8	2293	10.5	83848.6	-6017.3
2114	9.9	81058.9	-6008.7	2204	11.0	82649.7	-6054.5	2294	10.3	83853.8	-6059.8
2115	11.0	81106.4	-6037.4	2205	9.2	82705.6	-6041.5	2295	10.0	83916.5	-6044.8
2116	11.0	81112.6	-6044.4	2206	10.3	82707.0	-6059.9	2296	9.5	83935.1	-6022.1
2117	11.3	81128.5	-6037.4	2207	11.0	82710.6	-6038.5	2297	11.0	83945.4	-6008.8
2118	10.8	81132.1	-6026.4	2208	10.8	82712.2	-6024.5	2298	10.0	83945.7	-6000.5
2119	10.5	81140.1	-6014.4	2209	10.5	82713.4	-6044.5	2299	9.8	83951.2	-6035.0
2120	10.0	81148.3	-6052.4	2210	10.3	82717.5	-6023.2	2300	9.9	83953.7	-6021.3
2121	11.5	81149.4	-6001.7	2211	9.0	82732.3	-6017.5	2301	10.5	84003.2	-6015.3
2122	10.0	81150.3	-6053.0	2212	10.5	82746.2	-6034.5	2302	10.8	84005.5	-6036.3
2123	9.8	81159.7	-6045.4	2213	11.0	82800.9	-6015.4	2303	11.0	84013.5	-6014.3
2124	10.0	81214.0	-6034.4	2214	11.3	82817.7	-6010.4	2304	9.4	84041.0	-6015.3
2125	10.3	81221.7	-6025.4	2215	10.5	82820.6	-6015.4	2305	9.0	84044.0	-6018.5
2126	11.3	81222.7	-6000.7	2216	10.5	82825.8	-6005.8	2306	11.0	84048.4	-6055.3
2127	10.5	81237.6	-6020.4	2217	11.0	82828.3	-6048.4	2307	10.5	84049.5	-6020.3
2128	10.0	81245.3	-6027.3	2218	9.3	82830.2	-6003.6	2308	10.8	84055.7	-6055.3
2129	10.3	81253.1	-6037.3	2219	10.8	82835.3	-6057.4	2309	9.0	84102.4	-6015.9
2130	11.0	81255.1	-6002.7	2220	9.9	82837.8	-6045.4	2310	9.4	84102.8	-6008.0
2131	10.5	81256.0	-6054.3	2221	9.0	82840.7	-6034.4	2311	9.9	84112.8	-6039.3
2132	8.9	81319.7	-6040.3	2222	10.8	82855.3	-6003.8	2312	10.3	84115.2	-6057.5
2133	10.8	81319.8	-6012.3	2223	9.4	82910.8	-6002.8	2313	11.0	84117.8	-6030.9
2134	10.5	81340.7	-6034.3	2224	10.5	82912.4	-6043.4	2314	11.0	84124.7	-6025.8
2135	10.3	81356.2	-6051.9	2225	10.5	82919.0	-6017.4	2315	10.8	84129.6	-6054.0
2136	8.1	81435.0	-6009.8	2226	9.5	82929.7	-6045.4	2316	11.0	84132.8	-6055.3
2137	9.0	81450.6	-6022.7	2227	10.3	82935.6	-6000.2	2317	10.0	84153.7	-6000.3
2138	11.0	81509.3	-6009.4	2228	9.0	82936.2	-6045.2	2318	11.0	84210.3	-6022.3
2139	10.8	81511.3	-6026.3	2229	10.5	82941.4	-6032.4	2319	9.9	84223.8	-6030.1
2140	9.9	81514.7	-6020.3	2230	10.3	82944.1	-6020.4	2320	11.0	84227.5	-6043.3
2141	11.5	81519.3	-6000.5	2231	11.0	82959.8	-6003.7	2321	10.5	84233.3	-6050.0
2142	10.5	81519.3	-6057.3	2232	11.0	83003.8	-6027.4	2322	10.8	84240.3	-6020.0
2143	10.5	81519.9	-6036.3	2233	10.3	83009.6	-6013.4	2323	9.1	84242.7	-6009.4
2144	11.0	81524.1	-6038.3	2234	10.3	83011.1	-6040.8	2324	11.3	84257.3	-6048.3
2145	11.0	81543.7	-6042.3	2235	11.0	83014.4	-6005.7	2325	9.9	84302.3	-6025.5
2146	10.8	81555.9	-6052.3	2236	10.8	83016.8	-6007.7	2326	11.0	84302.8	-6032.6
2147	9.9	81609.7	-6001.2	2237	11.0	83030.7	-6051.4	2327	10.3	84309.7	-6003.5
2148	10.0	81614.7	-6019.3	2238	10.3	83038.3	-6055.4	2328	10.3	84312.2	-6056.8
2149	9.7	81616.2	-6039.2	2239	10.5	83048.1	-6027.4	2329	11.3	84313.6	-6056.3
2150	10.5	81623.7	-6003.6	2240	9.3	83051.3	-6025.6	2330	10.5	84314.2	-6000.8
2151	10.3	81703.7	-6002.4	2241	10.5	83055.9	-6017.4	2331	9.8	84319.3	-6017.6
2152	9.7	81713.7	-6046.0	2242	10.5	83116.7	-6022.3	2332	10.8	84325.5	-6040.3
2153	9.9	81729.9	-6016.2	2243	9.3	83123.5	-6005.7	2333	9.6	84332.0	-6053.3
2154	10.5	81739.6	-6052.2	2244	10.8	83123.6	-6057.3	2334	9.6	84353.4	-6003.8
2155	9.9	81740.3	-6045.2	2245	10.5	83126.7	-6039.3	2335	9.0	84410.6	-6043.6
2156	9.5	81748.7	-6019.2	2246	9.6	83134.1	-6040.3	2336	9.0	84420.7	-6044.3
2157	10.8	81913.3	-6052.2	2247	11.0	83145.0	-6055.3	2337	9.6	84441.2	-6003.5
2158	10.3	81919.8	-6004.3	2248	11.0	83147.4	-6057.3	2338	10.3	84447.9	-6035.3
2159	11.0	81927.5	-6052.2	2249	9.3	83211.0	-6058.8	2339	10.8	84456.0	-6011.2
2160	10.8	81931.2	-6017.2	2250	10.8	83225.1	-6032.3	2340	10.5	84459.2	-6025.3
2161	8.6	81938.2	-6013.2	2251	10.8	83228.1	-6043.3	2341	10.8	84505.5	-6053.3
2162	10.8	81939.6	-6008.1	2252	10.5	83231.8	-6022.3	2342	9.9	84534.0	-6053.3
2163	10.3	81954.9	-6033.1	2253	11.0	83245.5	-6018.3	2343	9.3	84534.2	-6012.2
2164	9.5	82010.3	-6024.3	2254	11.0	83314.8	-6007.5	2344	9.9	84537.7	-6054.3
2165	11.5	82013.6	-6006.2	2255	9.7	83315.8	-6017.3	2345	10.0	84539.7	-6001.7
2166	10.5	82029.2	-6033.1	2256	10.5	83324.2	-6059.3	2346	10.3	84544.4	-6036.3
2167	10.3	82052.6	-6047.1	2257	11.0	83334.9	-6023.3	2347	9.7	84549.3	-6031.0
2168	9.6	82103.8	-6036.1	2258	10.8	83337.9	-6016.3	2348	8.4	84555.8	-6010.6
2169	10.0	82105.6	-6035.6	2259	10.8	83345.3	-6056.3	2349	11.0	84556.3	-6010.2
2170	8.5	82114.4	-6043.9	2260	9.5	83347.8	-6001.4	2350	10.3	84559.3	-6051.3
2171	9.9	82119.8	-6030.8	2261	10.3	83351.0	-6043.3	2351	10.3	84606.8	-6005.3
2172	10.5	82140.0	-6054.1	2262	10.3	83401.0	-6003.5	2352	9.9	84615.2	-6055.1
2173	9.4	82140.6	-6025.3	2263	10.3	83402.0	-6044.3	2353	9.6	84639.4	-6050.0
2174	8.9	82149.4	-6014.7	2264	10.8	83405.6	-6003.5	2354	8.4	84640.5	-6009.8
2175	11.5	82200.5	-6005.1	2265	9.5	83407.1	-6058.8	2355	11.0	84653.7	-6011.4
2176	10.5	82229.3	-6050.8	2266	10.3	83414.3	-6036.3	2356	10.8	84654.5	-6005.6
2177	10.5	82232.7	-6034.1	2267	10.8	83418.5	-6016.3	2357	10.0	84702.3	-6019.3
2178	9.6	82244.3	-6008.9	2268	10.8	83428.9	-6039.3	2358	10.0	84704.7	-6054.1
2179	10.5	82251.5	-6057.1	2269	9.5	83442.1	-6051.3	2359	9.2	84707.8	-6049.3
2180	8.0	82311.4	-6056.6	2270	9.8	83443.0	-6005.7	2360	10.0	84715.4	-6036.7
2181	10.3	82312.9	-6054.0	2271	9.5	83444.0	-6001.8	2361	10.5	84731.3	-6025.3
2182	9.9	82318.8	-6030.0	2272	10.5	83518.9	-6052.3	2362	9.9	84737.2	-6018.3
2183	10.8	82321.2	-6009.0	2273	11.0	83522.0	-6048.3	2363	9.8	84800.4	-6035.6
2184	9.8	82410.3	-6025.0	2274	10.8	83528.4	-6002.5	2364	11.0	84802.2	-6023.3
2185	9.1	82416.0	-6059.6	2275	11.0	83531.9	-6043.3	2365	11.0	84810.1	-6051.3
2186	8.6	82416.2	-6014.6	2276	10.5	83535.9	-6055.3	2366	10.8	84820.3	-6018.3
2187	10.0	82432.0	-6003.3	2277	11.0	83545.4	-6029.3	2367	11.0	84822.1	-6043.3
2188	10.5	82440.3	-6008.0	2278	9.7	83552.7	-6036.3	2368	10.5	84840.1	-6045.3
2189	8.7	82457.3	-6034.0	2279	10.0	83609.0	-6005.3	2369	10.5	84849.2	-6000.5
2190	10.5	82503.6	-6040.8	2280	9.8	83613.0	-6007.5	2370	7.3	84850.8	-6053.6
2191	10.8	82522.6	-6022.5	2281	9.9	83632.9	-6014.4	2371	9.8	84902.7	-6054.3
2192	11.0	82527.0	-6050.5	2282	9.1	83639.5	-6018.3	2372	7.6	84903.7	-6056.8
2193	10.5	82529.8	-6007.8	2283	11.5	83705.3	-6016.3	2373	9.0	84909.2	-6014.1
2194	10.3	82533.2	-6002.9	2284	9.6	83711.5	-6018.8	2374	9.7	84914.8	-6033.1
2195	11.0	82538.5	-6029.5	2285	10.8	83744.4	-6053.3	2375	10.0	84925.0	-6059.8
2196	11.0	82541.2	-6016.5	2286	9.5	83745.5	-6055.8	2376	10.3	84943.8	-6037.0
2377	10.5	85004.2	-6018.3								
2378	10.3	85004.7	-6044.6								
2379	10.5	85008.5	-6001.5								
2380	10.5	85017.2	-6058.0								
2381	9.6	85020.3	-6017.3								
2382	11.0	85056.8	-6038.3								
2383	11.0	85056.8	-6025.3								
2384	11.0	85119.3	-6021.8								
2385	10.8	85121.6	-6056.3								
2386	10.8	85130.8	-6059.3								
2387	10.8	85144.8	-6039.2								
2388	11.0	85146.4	-6034.2								
2389	10.3	85152.3	-6029.2								
2390	9.0	85159.3	-6019.2								
2391	9.7	85205.9	-6013.2								
2392	9.9	85206.0	-6006.2								
2393	4.4	85212.3	-6010.4								
2394	10.5	85232.2	-6000.3								
2395	10.8	85238.7	-6057.6								
2396	9.7	85240.1	-6042.8								
2397	10.3	85241.7	-6000.3								
2398	8.0	85248.6	-6043.2								
2399	10.3	85256.5	-6007.8								
2400	9.4	85310.2	-6012.9								
2401	9.9	85312.8	-6011.2								
2402	10.0	85313.5	-6003.9								
2403	11.0	85326.1	-6042.2								
2404	9.7	85335.2	-6003.4								
2405	11.0	85336.1	-6039.0								
2406	9.9	85347.2	-6045.6								
2407	8.6	85348.8	-6021.2								
2408	11.0	85410.7	-6058.2								
2409	11.0	85416.7	-6050.2								
2410	9.6	85425.2	-6006.0								
2411	9.5	85440.2	-6006.0								
2412	9.6	85440.3	-6041.4								
2413	9.6	85449.2	-6006.0								
2414	10.8	85454.2	-6059.2								
2415	8.7	85457.2	-6046.8								
2416	9.2	85503.7	-6003.5								
2417	10.8	85506.7	-6025.6								
2418	10.3	85518.4	-6023.2								
2419	8.9	85520.6	-6050.2								
2420	10.8	85529.2	-6038.2								
2421	10.8	85529.5	-6037.2								
2422	10.5	85536.2	-6001.0								
2423	10.0	85541.6	-6012.2								
2424	11.3	85548.1	-6043.2								
2425	9.3	85600.2	-6046.2								
2426	9.8	85604.2	-6019.2								
2427	11.0	85613.2	-6022.4								
2428	10.8	85615.4	-6048.0								
2429	9.0	85617.8	-6050.6								
2430	11.0	85623.7	-6048.2								
2431	11.0	85638.7	-6013.2								
2432	11.0	85645.7	-6011.5								
2433	10.3	85649.5	-6005.2								
2434	10.8	85700.8	-6055.2								
2435	9.3	85729.8	-6029.2								
2436	9.5	85737.3	-6022.2								
2437	10.5	85741.2	-6038.2								
2438	10.8	85745.9	-6036.8								
2439	7.0	85750.3	-6028.3								
2440	10.5	85808.0	-6018.6								
2441	10.0	85811.5	-6034.8								
2442	9.8	85818.5	-6057.8								
2443	10.3	85818.8	-6034.2								
2444	11.0	85819.2	-6030.2								
2445	8.9	85819.4	-6023.6								
2446	10.0	85820.6	-6042.3								
2447	11.8	85843.7	-6041.3								
2448	11.0	85854.6	-6000.5								
2449	10.0	85903.6	-6017.3								
2450	10.0	85908.8	-6038.3								
2451	10.3	85909.4	-6010.2								
2452	10.3	85909.6	-6019.3								
2453	9.9	85942.2	-6024.8								
2454	10.3	85946.7	-6040.3								
2455	9.6	85949.2	-6008.2								
2456	10.8	85949.2	-6038.3								
2457	10.8	85957.8	-6052.3								
2458	10.8	85958.4	-6031.3								
2459	9.1	90020.0	-6010.8								
2460	10.5	90023.0	-6023.5								
2461	10.8	90046.3	-6040.9								
2462	10.3	90052.7	-6058.4								
2463	9.4	90059.8	-6046.2								
2464	9.7	90100.7	-6004.5								
2465	10.5	90106.7	-6023.2								
2466	8.6	90106.8	-6031.8								

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2467	10.8	90118.6	-6031.2	2557	10.8	91219.5	-6020.9	2647	9.3	92322.2	-6057.4
2468	8.3	90119.8	-6004.5	2558	10.0	91236.8	-6033.4	2648	9.0	92323.6	-6051.4
2469	10.0	90139.2	-6026.2	2559	10.3	91238.3	-6011.2	2649	9.6	92328.5	-6023.7
2470	9.6	90208.6	-6019.6	2560	9.7	91238.6	-6052.3	2650	10.8	92333.8	-6022.0
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2472	10.8	90230.5	-6021.2	2562	9.9	91251.7	-6025.5	2652	10.3	92343.7	-6057.4
2473	11.0	90233.6	-6024.0	2563	10.5	91252.9	-6019.9	2653	9.7	92344.3	-6045.0
2474	11.0	90237.9	-6037.2	2564	10.0	91304.1	-6001.0	2654	10.8	92349.1	-6057.6
2475	10.5	90242.8	-6014.4	2565	8.9	91304.8	-6038.6	2655	10.5	92352.1	-6050.0
2476	10.8	90300.3	-6038.2	2566	8.5	91314.8	-6039.4	2656	10.5	92401.4	-6024.5
2477	10.0	90309.1	-6053.1	2567	10.3	91321.1	-6050.9	2657	9.8	92422.6	-6032.2
2478	10.0	90316.6	-6011.1	2568	9.7	91328.6	-6005.0	2658	11.0	92424.4	-6057.5
2479	10.0	90324.0	-6018.4	2569	10.5	91329.8	-6052.9	2659	11.0	92428.6	-6037.5
2480	11.0	90340.2	-6028.1	2570	10.8	91332.3	-6011.9	2660	10.3	92434.7	-6042.5
2481	11.5	90350.4	-6032.1	2571	10.5	91409.8	-6019.8	2661	9.5	92438.3	-6047.5
2482	9.7	90403.8	-6034.1	2572	11.0	91423.1	-6002.0	2662	9.7	92444.4	-6002.3
2483	9.5	90410.8	-6029.1	2573	11.0	91426.1	-6055.8	2663	11.0	92500.6	-6013.5
2484	10.8	90411.2	-6007.0	2574	10.5	91441.2	-6030.8	2664	10.3	92510.7	-6055.2
2485	10.8	90418.8	-6003.5	2575	9.8	91446.7	-6042.4	2665	10.5	92515.3	-6011.5
2486	10.8	90422.8	-6038.1	2576	10.5	91457.7	-6030.8	2666	10.5	92519.3	-6012.5
2487	10.3	90429.4	-6058.6	2577	8.5	91512.9	-6045.8	2667	11.0	92518.4	-6029.5
2488	11.5	90430.8	-6048.1	2578	9.5	91516.7	-6055.8	2668	9.6	92541.2	-6006.2
2489	8.7	90447.4	-6040.8	2579	8.1	91520.8	-6031.1	2669	9.0	92548.2	-6029.5
2490	9.7	90500.2	-6055.0	2580	8.4	91533.2	-6026.8	2670	9.8	92555.2	-6010.5
2491	8.4	90507.0	-6014.4	2581	10.3	91605.3	-6037.4	2671	9.7	92558.6	-6018.5
2492	8.7	90508.3	-6040.1	2582	10.3	91606.3	-6050.8	2672	10.5	92559.1	-6050.0
2493	10.3	90511.5	-6039.5	2583	10.5	91610.8	-6039.8	2673	10.0	92605.5	-6001.6
2494	10.8	90512.0	-6009.5	2584	10.3	91631.9	-6035.8	2674	9.6	92615.6	-6033.2
2495	11.0	90513.1	-6008.5	2585	11.0	91642.0	-6025.6	2675	11.0	92617.4	-6042.4
2496	9.8	90521.0	-6022.0	2586	10.8	91643.1	-6011.8	2676	11.0	92618.7	-6042.4
2497	10.8	90538.0	-6022.1	2587	9.9	91649.8	-6015.4	2677	9.9	92631.9	-6003.4
2498	10.0	90541.3	-6001.2	2588	11.0	91655.0	-6045.8	2678	10.8	92643.2	-6041.4
2499	9.4	90544.7	-6042.0	2589	11.0	91658.5	-6042.8	2679	10.3	92644.4	-6043.2
2500	10.5	90547.3	-6044.6	2590	9.0	91701.5	-6000.9	2680	10.5	92652.3	-6045.2
2501	10.5	90558.7	-6027.1	2591	10.8	91710.0	-6034.5	2681	10.5	92718.6	-6057.1
2502	10.5	90558.8	-6028.1	2592	10.5	91711.2	-6030.8	2682	11.0	92722.8	-6022.1
2503	9.6	90612.2	-6043.1	2593	10.8	91712.5	-6022.8	2683	10.3	92746.4	-6010.2
2504	9.5	90612.6	-6054.2	2594	10.5	91723.8	-6012.7	2684	9.5	92749.9	-6041.9
2505	10.8	90615.3	-6053.1	2595	10.5	91729.9	-6048.7	2685	9.4	92757.3	-6040.1
2506	9.6	90642.8	-6022.1	2596	10.8	91734.9	-6043.7	2686	10.0	92757.8	-6003.6
2507	11.5	90644.6	-6031.1	2597	8.8	91745.2	-6019.7	2687	9.3	92802.8	-6048.1
2508	10.8	90652.3	-6005.0	2598	10.3	91750.1	-6055.7	2688	9.7	92829.4	-6005.0
2509	10.5	90657.1	-6036.6	2599	8.6	91750.3	-6029.9	2689	7.2	92841.9	-6041.1
2510	10.5	90705.8	-6001.3	2600	10.8	91754.0	-6018.4	2690	10.0	92844.3	-6047.1
2511	8.2	90706.4	-6010.2	2601	9.8	91757.3	-6058.7	2691	10.8	92850.2	-6057.6
2512	9.2	90730.2	-6059.0	2602	8.3	91759.4	-6001.6	2692	9.4	92852.3	-6031.1
2513	9.3	90741.6	-6050.0	2603	10.8	91807.9	-6026.7	2693	10.8	92852.7	-6056.1
2514	10.5	90754.0	-6058.7	2604	9.3	91811.6	-6005.5	2694	9.6	92903.3	-6047.0
2515	9.3	90756.6	-6017.6	2605	10.8	91813.0	-6020.9	2695	10.0	92917.8	-6005.5
2516	7.8	90801.2	-6026.8	2606	7.5	91819.8	-6017.7	2696	9.8	92919.8	-6030.1
2517	9.8	90803.8	-6036.0	2607	10.3	91845.0	-6009.2	2697	10.0	92921.0	-6012.5
2518	10.5	90804.4	-6013.0	2608	8.7	91846.8	-6023.2	2698	11.0	92927.7	-6056.0
2519	9.7	90815.0	-6013.3	2609	9.4	91854.6	-6017.7	2699	11.5	93000.9	-6050.1
2520	10.8	90818.2	-6049.0	2610	11.0	91858.4	-6044.7	2700	9.3	93012.8	-6034.1
2521	9.8	90819.2	-6044.0	2611	9.9	91859.9	-6025.4	2701	7.3	93017.7	-6004.8
2522	9.8	90829.8	-6035.0	2612	10.5	91904.9	-6021.4	2702	10.3	93028.7	-6014.2
2523	9.1	90849.3	-6042.0	2613	10.3	91906.3	-6016.7	2703	9.5	93028.8	-6025.4
2524	10.8	90850.6	-6001.7	2614	11.0	91910.1	-6039.7	2704	11.0	93035.0	-6036.0
2525	10.5	90907.6	-6001.3	2615	10.8	91920.3	-6012.7	2705	10.8	93139.6	-6010.0
2526	10.8	90908.8	-6001.0	2616	9.7	91924.2	-6032.2	2706	8.5	93145.6	-6012.1
2527	9.3	90911.2	-6019.0	2617	8.6	91937.0	-6033.7	2707	10.8	93150.2	-6015.0
2528	10.5	90918.0	-6043.5	2618	10.5	92007.4	-6031.7	2708	10.5	93218.4	-6048.0
2529	10.3	90919.6	-6017.0	2619	9.8	92016.3	-6007.5	2709	9.8	93228.7	-6012.3
2530	9.8	90930.1	-6051.6	2620	10.0	92021.8	-6039.0	2710	11.0	93231.0	-6042.9
2531	8.4	90933.8	-6034.6	2621	11.0	92049.2	-6043.7	2711	9.5	93235.6	-6016.6
2532	9.4	90942.5	-6010.2	2622	10.0	92049.5	-6014.8	2712	10.0	93236.0	-6008.4
2533	11.0	90946.8	-6009.0	2623	8.6	92051.8	-6037.6	2713	10.5	93240.1	-6024.9
2534	6.3	90946.8	-6024.0	2624	10.3	92054.3	-6041.6	2714	9.6	93247.2	-6016.7
2535	8.6	90946.8	-6034.0	2625	9.9	92058.4	-6014.3	2715	9.8	93248.3	-6030.9
2536	10.8	90947.7	-6039.0	2626	10.3	92107.2	-6020.8	2716	8.1	93253.3	-6034.5
2537	9.7	90949.5	-6002.3	2627	10.3	92113.6	-6013.6	2717	9.7	93309.2	-6025.4
2538	10.5	90957.5	-6056.1	2628	10.0	92123.9	-6017.2	2718	8.5	93334.0	-6049.2
2539	9.0	90958.6	-6009.0	2629	9.1	92124.2	-6022.6	2719	10.5	93344.1	-6023.9
2540	10.5	91023.8	-6036.0	2630	10.0	92128.3	-6000.7	2720	10.5	93352.0	-6014.0
2541	9.5	91029.9	-6028.0	2631	10.5	92132.1	-6052.3	2721	10.0	93356.3	-6001.4
2542	8.4	91034.7	-6042.8	2632	10.0	92136.7	-6056.4	2722	9.3	93414.7	-6039.6
2543	10.0	91037.0	-6047.0	2633	9.9	92138.3	-6036.4	2723	10.0	93417.5	-6002.4
2544	9.1	91041.3	-6050.0	2634	10.5	92143.3	-6044.6	2724	10.8	93424.5	-6008.9
2545	9.7	91046.6	-6012.8	2635	8.6	92145.8	-6048.6	2725	10.0	93429.4	-6045.6
2546	10.3	91048.6	-6051.8	2636	10.8	92148.6	-6023.6	2726	10.0	93430.5	-6008.4
2547	7.5	91051.4	-6046.0	2637	9.2	92158.8	-6031.0	2727	10.8	93433.7	-6024.9
2548	7.6	91058.0	-6000.9	2638	11.0	92201.4	-6033.6	2728	11.0	93444.8	-6040.9
2549	10.8	91058.7	-6001.9	2639	10.3	92204.4	-6036.6	2729	10.0	93448.4	-6041.9
2550	8.5	91059.9	-6023.6	2640	9.5	92210.9	-6014.6	2730	11.3	93515.2	-6019.7
2551	9.7	91112.2	-6026.2	2641	10.3	92239.5	-6020.0	2731	11.0	93524.5	-6012.7
2552	10.5	91118.3	-6034.9	2642	10.8	92240.1	-6049.6	2732	11.0	93531.6	-6059.7
2553	10.5	91125.5	-6032.9	2643	8.6	92241.2	-6057.4	2733	11.3	93536.4	-6035.7
2554	8.6	91133.6	-6059.6	2644	9.6	92309.8	-6015.6	2734	9.5	93538.7	-6021.7
2555	10.5	91151.7	-6026.9	2645	10.0	92316.8	-6001.7	2735	10.8	93539.0	-6034.7
2556	9.9	91209.2	-6055.9	2646	9.4	92318.9	-6008.4	2736	5.3	93552.1	-6045.6

-60 2826 9h50m

2737	10.3	93555.6	-6010.4	2747	9.6	93807.6	-6021.4	2757	11.0	93914.4	-6055.4
2738	9.7	93604.8	-6010.3	2748	10.0	93822.9	-6009.1	2758	10.0	93916.2	-6011.2
2739	10.5	93611.6	-6024.4	2749	9.9	93827.8	-6009.3	2759	10.0	93918.2	-6004.6
2740	11.0	93642.1	-6018.4	2750	9.1	93833.0	-6027.6	2760	11.0	93939.9	-6027.4
2741	10.8	93642.8	-6030.4	2751	10.5	93841.9	-6018.6	2761	10.5	93952.7	-6035.2
2742	10.3	93702.8	-6055.2	2752	9.2	93847.8	-6057.6	2762	10.0	94036.4	-6010.2
2743	10.0	93716.9	-6008.3	2753	10.5	93854.7	-6036.4	2763	10.8	94045.8	-6041.3
2744	8.6	93718.6	-6041.4	2754	8.3	93905.3	-6035.2	2764	10.5	94049.2	-6033.2
2745	10.0	93754.6	-6014.5	2755	9.9	93909.0	-6001.2	2765	10.8	94052.4	-6031.3
2746	11.0	93758.2	-6041.4	2756	9.2	93913.2	-6038.7	2766	9.9	94052.7	-6016.8
2767	11.0	94054.7	-6021.3	2777	11.0	94313.9	-6048.3	2787	11.0	94440.8	-6027.5
2768	11.0	94133.2	-6015.3	2778	10.8	94320.7	-6053.3	2788	11.0	94454.6	-6043.7
2769	9.9	94135.3	-6011.3	2779	8.6	94337.2	-6032.3	2789	10.0	94456.4	-6005.1
2770	10.8	94140.9	-6038.3	2780	10.8	94339.7	-6033.0	2790	10.3	94505.3	-6051.3
2771	10.5	94142.6	-6039.3	2781	9.2	94358.0	-6027.3	2791	9.5	94515.1	-6039.8
2772	8.8	94143.0	-6027.6	2782	9.6	94407.2	-6033.0	2792	10.5	94608.4	-6012.1
2773	11.5	94210.1	-6059.3	2783	9.9	94415.5	-6012.8	2793	10.8	94613.5	-6046.2
2774	11.3	94228.4	-6045.3	2784	8.3	94423.6	-6026.2	2794	8.6	94624.8	-6000.4
2775	11.3	94246.9	-6033.3	2785	9.5	94426.6	-6000.1	2795	10.0	94639.3	-6003.0
2776	10.0	94249.1	-6006.1	2786	10.0	94435.4	-6009.1	2796	10.5	94645.6	-6038.2
2797	8.8	94646.2	-6023.0	2807	10.3	94810.3	-6043.2	2817	10.5	94934.2	-6058.2
2798	9.2	94705.0	-6030.2	2808	10.8	94833.2	-6055.2	2818	9.5	94943.6	-6040.2
2799	10.3	94711.3	-6059.2	2809	10.0	94838.7	-6007.6	2819	10.3	94947.1	-6059.2
2800	10.3	94725.4	-6046.2	2810	8.8	94841.0	-6023.8	2820	10.5	94948.6	-6039.2
2801	8.6	94729.6	-6031.2	2811	11.0	94848.9	-6011.2	2821	10.0	94953.3	-6005.2
2802	10.0	94732.0	-6004.0	2812	10.0	94853.8	-6003.9	2822	10.0	95030.1	-6007.9
2803	9.8	94744.4	-6042.2	2813	9.4	94854.4	-6014.5	2823	11.0	95031.2	-6050.2
2804	9.6	94752.4	-6009.6	2814	10.0	94856.4	-6056.2	2824	10.5	95035.3	-6020.2
2805	7.7	94754.6	-6000.4	2815	9.8	94915.6	-6028.2	2825	10.0	95039.3	-6005.6
2806	9.5	94757.7	-6016.2	2816	9.9	94926.2	-6005.9	2826	11.0	95042.5	-6017.2

-60 2827 9h50m

-60 3186 10h39m

2827	11.0	95045.5	-6013.2	2917	10.0	100202.6	-6041.0	3007	10.0	101231.8	-6052.8
2828	9.9	95049.8	-6049.2	2918	9.6	100212.1	-6020.3	3008	9.2	101232.3	-6021.8
2829	11.0	95055.9	-6042.2	2919	9.7	100213.8	-6014.5	3009	9.8	101238.8	-6053.8
2830	9.8	95101.3	-6000.7	2920	10.5	100226.6	-6023.0	3010	3.0	101254.8	-6042.8
2831	7.7	95108.3	-6002.9	2921	9.1	100232.6	-6040.6	3011	9.3	101336.4	-6017.8
2832	11.0	95118.9	-6035.1	2922	10.5	100234.3	-6012.6	3012	9.4	101338.5	-6010.3
2833	11.0	95128.1	-6014.1	2923	9.4	100244.1	-6028.3	3013	9.0	101346.0	-6027.8
2834	10.5	95130.5	-6021.1	2924	10.0	100244.7	-6005.5	3014	9.2	101356.4	-6015.8
2835	9.7	95143.0	-6033.1	2925	9.5	100250.7	-6031.5	3015	10.0	101402.1	-6043.8
2836	10.8	95158.3	-6002.9	2926	9.8	100256.3	-6012.7	3016	9.5	101422.2	-6034.8
2837	11.0	95205.8	-6050.1	2927	10.3	100301.2	-6018.0	3017	8.3	101434.7	-6019.3
2838	10.0	95207.2	-6005.2	2928	10.0	100301.8	-6044.0	3018	9.7	101441.5	-6009.2
2839	10.0	95209.3	-6000.9	2929	7.6	100303.2	-6036.6	3019	9.7	101442.0	-6008.8
2840	10.5	95211.4	-6038.1	2930	10.0	100319.0	-6009.0	3020	9.7	101442.7	-6000.8
2841	10.5	95212.3	-6027.1	2931	9.3	100339.7	-6029.0	3021	8.1	101444.2	-6045.1
2842	10.0	95228.7	-6004.8	2932	10.5	100342.5	-6043.0	3022	10.0	101450.8	-6006.8
2843	10.0	95255.0	-6005.6	2933	10.5	100348.1	-6000.5	3023	9.1	101457.5	-6011.4
2844	10.0	95302.3	-6002.8	2934	10.3	100349.3	-6001.0	3024	8.3	101500.9	-6028.8
2845	10.5	95303.1	-6042.1	2935	9.7	100356.7	-6032.8	3025	9.6	101516.3	-6008.7
2846	10.3	95306.8	-6049.9	2936	8.8	100404.3	-6019.0	3026	9.5	101516.5	-6019.8
2847	9.5	95319.9	-6042.9	2937	10.5	100420.5	-6010.8	3027	9.8	101520.5	-6003.7
2848	9.6	95327.1	-6027.0	2938	10.5	100432.1	-6041.0	3028	9.5	101632.2	-6032.8
2849	9.9	95333.8	-6011.0	2939	9.0	100434.7	-6017.0	3029	8.2	101639.4	-6017.3
2850	11.0	95345.2	-6030.1	2940	9.8	100438.1	-6041.8	3030	10.3	101645.2	-6008.7
2851	10.0	95352.3	-6059.1	2941	10.0	100438.8	-6050.0	3031	9.8	101703.3	-6049.7
2852	10.5	95359.6	-6043.0	2942	10.0	100449.2	-6018.0	3032	8.7	101706.5	-6026.7
2853	8.5	95404.3	-6009.0	2943	9.6	100452.2	-6018.2	3033	10.5	101736.4	-6011.7
2854	10.5	95411.7	-6035.7	2944	8.1	100453.8	-6035.0	3034	10.0	101737.2	-6032.7
2855	11.0	95413.5	-6020.6	2945	10.0	100508.6	-6041.0	3035	9.5	101742.2	-6037.7
2856	10.8	95413.6	-6041.1	2946	9.6	100511.8	-6028.2	3036	10.0	101804.5	-6008.2
2857	10.8	95423.7	-6015.1	2947	9.7	100514.7	-6036.3	3037	9.7	101827.5	-6010.7
2858	10.8	95424.7	-6017.0	2948	10.3	100521.1	-6039.0	3038	8.5	101837.1	-6001.7
2859	11.5	95441.3	-6031.1	2949	7.8	100523.1	-6056.6	3039	7.2	101847.5	-6037.7
2860	10.8	95450.6	-6055.3	2950	9.7	100534.9	-6033.2	3040	10.8	101857.4	-6011.7
2861	10.3	95450.7	-6033.4	2951	9.3	100537.0	-6048.0	3041	10.8	101905.3	-6000.7
2862	10.5	95453.8	-6054.3	2952	11.0	100537.6	-6026.0	3042	9.8	101914.2	-6029.7
2863	10.5	95455.2	-6011.1	2953	9.7	100543.8	-6023.0	3043	9.5	101921.3	-6025.7
2864	10.5	95502.3	-6052.1	2954	9.8	100548.8	-6026.0	3044	8.1	101924.3	-6056.6
2865	10.5	95506.8	-6019.2	2955	10.0	100553.0	-6057.0	3045	9.6	101925.9	-6012.6
2866	10.3	95525.1	-6039.1	2956	9.7	100556.6	-6044.0	3046	9.5	101929.7	-6028.1
2867	10.5	95549.7	-6036.1	2957	10.0	100558.1	-6042.0	3047	10.0	101943.6	-6043.6
2868	9.6	95557.9	-6042.3	2958	9.7	100601.7	-6038.0	3048	9.5	101954.3	-6026.6
2869	10.3	95603.0	-6035.1	2959	10.5	100612.3	-6001.5	3049	7.7	102004.9	-6055.6
2870	9.8	95609.9	-6046.2	2960	9.5	100613.6	-6047.0	3050	10.0	102018.8	-6053.2
2871	10.0	95611.8	-6055.1	2961	10.0	100613.7	-6033.0	3051	10.0	102037.2	-6036.8
2872	11.0	95621.6	-6048.3	2962	9.8	100625.5	-6002.0	3052	9.7	102044.2	-6029.6
2873	9.8	95627.8	-6054.0	2963	10.3	100629.1	-6040.0	3053	10.0	102048.3	-6022.4
2874	11.5	95628.1	-6039.0	2964	9.5	100635.3	-6020.5	3054	10.0	102050.3	-6019.6
2875	9.6	95638.1	-6027.5	2965	10.3	100640.2	-6033.0	3055	10.5	102109.5	-6003.6
2876	10.3	95657.7	-6033.0	2966	9.1	100642.8	-6020.5	3056	10.0	102111.6	-6041.6
2877	10.3	95713.8	-6054.0	2967	9.8	100649.6	-6009.0	3057	8.1	102122.9	-6011.6
2878	10.3	95718.3	-6054.7	2968	10.3	100650.5	-6008.0	3058	10.0	102150.1	-6046.6
2879	10.8	95722.1	-6044.5	2969	10.0	100701.3	-6050.0	3059	9.2	102200.4	-6008.5
2880	8.4	95722.6	-6023.0	2970	10.8	100703.6	-6037.0	3060	9.4	102215.9	-6010.8
2881	10.0	95733.6	-6015.3	2971	10.5	100705.7	-6033.0	3061	9.2	102222.2	-6059.2
2882	11.0	95740.3	-6026.0	2972	10.0	100706.6	-6041.0	3062	10.0	102230.6	-6037.6
2883	9.2	95800.7	-6025.0	2973	9.4	100728.0	-6008.4	3063	9.8	102232.2	-6001.6
2884	9.4	95802.1	-6047.0	2974	8.7	100729.9	-6036.9	3064	9.9	102252.7	-6001.6
2885	10.5	95814.3	-6058.2	2975	9.5	100732.0	-6054.9	3065	9.6	102302.0	-6004.6
2886	10.5	95821.3	-6055.0	2976	9.2	100736.2	-6013.0	3066	9.1	102303.3	-6049.4
2887	10.5	95823.8	-6013.0	2977	10.0	100742.2	-6037.9	3067	9.0	102309.9	-6021.0
2888	10.0	95824.6	-6028.3	2978	7.7	100746.7	-6055.9	3068	9.9	102313.7	-6001.6
2889	8.5	95847.1	-6042.0	2979	9.8	100803.7	-6059.3	3069	9.1	102321.5	-6011.5
2890	10.3	95850.2	-6033.0	2980	10.0	100804.7	-6052.9	3070	10.5	102333.3	-6006.6
2891	10.0	95906.6	-6044.0	2981	9.5	100811.5	-6023.9	3071	9.5	102403.3	-6008.6
2892	10.0	95907.6	-6008.6	2982	9.9	100829.7	-6011.3	3072	8.0	102423.2	-6015.2
2893	10.5	95932.7	-6026.0	2983	10.0	100838.6	-6042.9	3073	9.6	102433.3	-6020.5
2894	10.3	95941.8	-6020.8	2984	8.3	100856.2	-6034.3	3074	9.5	102442.3	-6021.5
2895	10.0	95943.6	-6022.0	2985	9.7	100911.2	-6009.0	3075	10.0	102508.1	-6046.5
2896	11.3	95947.0	-6014.0	2986	10.0	100911.5	-6014.0	3076	9.1	102516.2	-6024.5
2897	10.5	95949.5	-6056.1	2987	10.0	100916.7	-6005.0	3077	10.5	102519.2	-6003.6
2898	11.0	95952.5	-6013.1	2988	9.6	100933.0	-6014.9	3078	8.9	102527.8	-6028.5
2899	8.7	100001.6	-6042.0	2989	9.6	100934.2	-6037.9	3079	9.7	102556.4	-6006.6
2900	9.5	100005.3	-6055.0	2990	9.4	100939.9	-6015.9	3080	9.5	102600.0	-6010.5
2901	8.6	100008.7	-6029.5	2991	10.0	100948.3	-6050.9	3081	9.7	102601.3	-6034.5
2902	10.0	100011.3	-6053.0	2992	10.3	100948.8	-6000.4	3082	8.0	102607.0	-6041.5
2903	10.3	100036.8	-6012.6	2993	8.9	101001.4	-6037.4	3083	7.0	102612.6	-6042.5
2904	10.3	100038.8	-6023.0	2994	9.5	101012.2	-6004.4	3084	7.9	102631.9	-6058.5
2905	9.5	100059.8	-6057.0	2995	9.9	101022.6	-6040.9	3085	8.0	102640.9	-6056.5
2906	9.3	100104.3	-6023.1	2996	10.0	101029.2	-6037.9	3086	9.0	102648.3	-6055.5
2907	9.0	100106.2	-6006.6	2997	9.4	101041.6	-6007.4	3087	9.6	102650.7	-6026.5
2908	10.0	100106.8	-6019.0	2998	9.0	101052.9	-6017.9	3088	9.5	102704.6	-6024.5
2909	11.0	100120.8	-6049.2	2999	9.4	101101.3	-6022.9	3089	10.0	102706.1	-6044.3
2910	10.5	100132.7	-6038.4	3000	9.5	101112.2	-6031.9	3090	9.7	102707.7	-6003.5
2911	10.5	100133.3	-6025.0	3001	8.9	101118.3	-6007.4	3091	9.5	102731.8	-6006.5
2912	7.6	100146.7	-6033.4	3002	9.9	101130.8	-6002.4	3092	10.3	102737.4	-6009.5
2913	9.5	100156.8	-6001.6	3003	9.5	101141.3	-6057.9	3093	9.7	102752.8	-6049.4
2914	10.0	100157.2	-6031.1	3004	9.5	101149.1	-6005.4	3094	9.7	102753.3	-6050.4
2915	9.5	100157.7	-6025.0	3005	10.0	101211.7	-6008.4	3095	9.5	102753.8	-6006.5
2916	9.5	100159.6	-6016.0	3006	9.7	101212.2	-6037.8	3096	9.5	102759.1	-6040.4
3097	9.8	102804.1	-6038.4								
3098	9.5	102812.8	-6021.8								
3099	8.7	102828.4	-6053.8								
3100	9.4	102829.2	-6012.2								
3101	9.8	102837.4	-6017.3								
3102	10.3	102841.3	-6006.5								
3103	9.8	102845.1	-6047.4								
3104	9.8	102847.9	-6017.0								
3105	8.9	102855.6	-6029.6								
3106	9.3	102909.7	-6035.9								
3107	9.2	102911.8	-6056.4								
3108	10.0	102927.1	-6011.5								
3109	7.2	102940.6	-6020.4								
3110	9.6	102951.7	-6017.4								
3111	9.6	102959.4	-6017.3								
3112	9.7	103014.6	-6038.9								
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3115	9.8	103058.2	-6008.3								
3116	10.0	103115.2	-6037.4								
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3119	9.3	103126.7	-6014.6								
3120	9.5	103132.4	-6007.7								
3121	9.0	103141.6	-6044.4								
3122	9.2	103143.5	-6022.4								
3123	9.8	103157.3	-6020.4								
3124	9.7	103213.8	-6004.5								
3125	10.0	103213.9	-6015.4								
3126	9.1	103300.2	-6009.3								
3127	9.0	103303.3	-6054.3								
3128	8.0	103303.5	-6058.3								
3129	9.3	103308.7	-6036.3								
3130	9.2	103321.1	-6037.3								
3131	9.5	103325.3	-6053.3								
3132	9.5	103333.6	-6039.3								
3133	9.5	103353.3	-6023.3								
3134	9.5	103402.7	-6029.3								
3135	9.6	103409.2	-6035.3								
3136	10.0	103433.9	-6009.4								
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3144	9.0	103503.0	-6038.3								
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3147	9.2	103511.6	-6046.3								
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3152	8.3	103542.2	-6032.3								
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3157	10.0	103646.2	-6055.3								
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3160	10.0	103711.1	-6041.3								
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3165	10.0	103737.6	-6043.3								
3166	9.1	103737.7	-6016.0								
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3177	9.0	103833.8	-6025.2								
3178	9.5	103836.2	-6034.2								
3179	9.8	103839.5	-6004.0								
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3182	9.6	103849.6	-6044.2								
3183	9.8	103905.8	-6050.2								
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3185	10.0	103925.4	-6021.6								
3186	9.2	103931.1	-6042.0								

3187	9.0	103935.2	-6033.2	3277	9.3	105021.6	-6016.1	3367	8.1	110219.8	-6042.4
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3189	8.7	103950.7	-6055.2	3279	9.6	105039.6	-6048.5	3369	9.8	110242.6	-6030.8
3190	9.2	103953.2	-6034.2	3280	10.3	105042.7	-6002.1	3370	9.8	110249.0	-6059.6
3191	9.0	103954.8	-6018.2	3281	10.0	105042.7	-6033.5	3371	7.4	110252.8	-6008.9
3192	9.8	104003.7	-6037.2	3282	10.0	105112.8	-6054.5	3372	9.5	110259.0	-6055.0
3193	9.8	104017.2	-6055.5	3283	9.8	105125.8	-6013.9	3373	9.2	110302.9	-6052.4
3194	9.6	104019.8	-6000.1	3284	9.5	105129.7	-6031.5	3374	9.5	110307.4	-6049.5
3195	10.3	104029.4	-6012.3	3285	10.3	105130.4	-6010.6	3375	9.5	110308.6	-6030.4
3196	10.0	104031.1	-6045.2	3286	9.5	105133.4	-6026.6	3376	9.3	110310.1	-6036.4
3197	10.0	104047.7	-6028.2	3287	9.5	105155.1	-6045.5	3377	9.2	110314.4	-6056.8
3198	9.4	104056.3	-6013.2	3288	9.0	105158.1	-6015.5	3378	9.3	110318.8	-6018.3
3199	9.3	104100.6	-6040.2	3289	9.6	105159.4	-6025.6	3379	9.3	110319.4	-6052.2
3200	10.0	104102.7	-6028.2	3290	9.0	105205.2	-6031.8	3380	9.7	110330.3	-6008.2
3201	8.7	104105.5	-6057.2	3291	9.2	105209.9	-6011.3	3381	8.8	110334.9	-6052.6
3202	9.4	104124.7	-6037.2	3292	9.5	105215.1	-6003.1	3382	9.2	110336.4	-6004.9
3203	9.8	104127.2	-6034.2	3293	9.2	105220.2	-6025.5	3383	8.0	110341.7	-6014.2
3204	9.0	104127.2	-6009.7	3294	9.4	105224.9	-6022.5	3384	9.2	110343.2	-6023.6
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3206	10.0	104147.9	-6015.2	3296	10.0	105242.5	-6059.5	3386	10.0	110358.1	-6042.0
3207	9.1	104205.1	-6032.2	3297	9.6	105249.8	-6004.1	3387	9.6	110403.2	-6001.9
3208	9.2	104205.2	-6054.2	3298	10.0	105329.8	-6057.5	3388	9.5	110405.2	-6025.4
3209	9.8	104223.5	-6058.2	3299	10.0	105338.7	-6003.1	3389	10.0	110412.9	-6056.7
3210	10.0	104228.9	-6016.2	3300	8.1	105344.0	-6012.3	3390	9.2	110416.2	-6030.6
3211	10.0	104233.8	-6027.2	3301	9.0	105404.0	-6027.1	3391	9.4	110424.3	-6036.7
3212	10.0	104241.8	-6019.2	3302	6.2	105411.2	-6038.5	3392	9.5	110429.1	-6032.4
3213	9.3	104243.0	-6006.3	3303	10.3	105420.7	-6001.1	3393	9.6	110442.0	-6005.9
3214	10.0	104244.2	-6022.2	3304	10.8	105427.9	-6013.1	3394	9.3	110443.6	-6031.6
3215	10.0	104258.8	-6018.2	3305	9.8	105456.1	-6012.5	3395	9.5	110447.3	-6015.2
3216	10.0	104302.3	-6057.2	3306	9.8	105504.2	-6021.2	3396	8.8	110448.8	-6017.7
3217	10.5	104313.2	-6005.3	3307	10.5	105507.7	-6000.1	3397	9.5	110451.8	-6005.5
3218	9.6	104321.5	-6002.0	3308	10.0	105507.8	-6014.8	3398	9.5	110456.1	-6011.1
3219	9.0	104342.9	-6017.2	3309	10.0	105516.2	-6056.4	3399	9.4	110457.0	-6006.0
3220	8.5	104350.7	-6028.6	3310	9.8	105529.8	-6013.1	3400	9.5	110458.6	-6035.6
3221	9.3	104359.3	-6054.4	3311	10.0	105542.3	-6015.2	3401	9.0	110501.6	-6014.4
3222	10.5	104406.8	-6004.3	3312	9.2	105551.7	-6021.5	3402	9.0	110518.3	-6052.4
3223	9.5	104412.2	-6035.7	3313	9.8	105558.2	-6028.7	3403	9.2	110520.1	-6014.2
3224	9.5	104417.7	-6003.2	3314	8.3	105605.2	-6033.2	3404	9.8	110524.4	-6020.4
3225	9.4	104504.7	-6006.2	3315	9.2	105611.2	-6035.3	3405	9.4	110527.2	-6004.2
3226	9.0	104508.7	-6038.7	3316	7.7	105631.2	-6022.5	3406	9.7	110533.9	-6020.4
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3228	7.2	104549.7	-6035.7	3318	9.7	105638.3	-6018.6	3408	9.2	110548.7	-6026.0
3229	9.8	104554.1	-6047.7	3319	9.6	105700.0	-6051.0	3409	11.0	110550.8	-6006.9
3230	9.4	104555.1	-6008.2	3320	9.4	105703.1	-6047.2	3410	9.4	110601.0	-6015.0
3231	8.2	104604.8	-6054.7	3321	9.0	105712.8	-6006.0	3411	9.6	110601.9	-6027.9
3232	10.0	104616.5	-6002.2	3322	9.0	105715.6	-6033.2	3412	9.2	110607.5	-6000.1
3233	10.0	104622.4	-6022.7	3323	9.4	105720.3	-6005.0	3413	9.8	110621.5	-6001.9
3234	10.3	104624.7	-6003.2	3324	10.0	105723.8	-6009.0	3414	9.6	110623.2	-6021.4
3235	9.3	104628.7	-6009.3	3325	9.5	105741.5	-6033.4	3415	9.5	110624.9	-6025.4
3236	10.5	104636.3	-6008.2	3326	7.9	105757.0	-6008.7	3416	8.7	110630.5	-6001.2
3237	9.8	104639.2	-6052.7	3327	7.4	105758.7	-6014.4	3417	9.4	110633.4	-6045.4
3238	10.0	104639.2	-6050.6	3328	8.8	105804.9	-6000.0	3418	10.3	110637.3	-6008.2
3239	9.7	104640.6	-6008.2	3329	9.3	105809.6	-6046.2	3419	9.1	110645.4	-6024.9
3240	10.0	104658.4	-6023.6	3330	9.4	105816.2	-6032.2	3420	10.5	110648.0	-6003.2
3241	7.4	104710.6	-6045.6	3331	10.0	105826.2	-6027.5	3421	9.3	110651.5	-6038.4
3242	10.0	104714.2	-6036.6	3332	10.0	105832.2	-6031.5	3422	10.3	110654.0	-6005.1
3243	10.0	104716.2	-6032.6	3333	10.0	105857.6	-6033.2	3423	10.3	110657.8	-6005.5
3244	11.0	104725.7	-6012.2	3334	9.6	105859.2	-6041.4	3424	9.8	110708.1	-6012.4
3245	9.2	104730.4	-6021.1	3335	9.8	105900.8	-6044.4	3425	9.7	110710.8	-6007.5
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3247	10.0	104736.7	-6013.0	3337	8.6	105905.8	-6015.4	3427	9.5	110719.4	-6021.4
3248	10.5	104737.5	-6000.7	3338	7.8	105921.1	-6048.1	3428	10.0	110721.1	-6047.4
3249	9.5	104752.7	-6038.2	3339	9.5	105935.6	-6056.1	3429	9.2	110727.8	-6004.0
3250	10.0	104759.1	-6045.6	3340	8.1	105944.8	-6022.0	3430	10.5	110737.8	-6007.0
3251	10.0	104759.8	-6004.6	3341	9.5	105945.0	-6016.0	3431	9.5	110741.8	-6006.0
3252	10.5	104801.3	-6005.6	3342	9.5	105951.1	-6042.7	3432	9.5	110747.9	-6025.9
3253	10.8	104802.5	-6014.0	3343	9.8	105957.3	-6006.0	3433	10.0	110752.9	-6021.4
3254	9.8	104806.8	-6013.7	3344	9.2	110001.6	-6030.2	3434	11.5	110803.8	-6004.0
3255	9.7	104817.7	-6032.6	3345	9.7	110009.7	-6009.7	3435	9.8	110804.1	-6042.4
3256	7.7	104819.7	-6008.9	3346	9.4	110016.0	-6015.0	3436	9.4	110804.4	-6022.4
3257	9.8	104823.3	-6005.7	3347	9.2	110017.1	-6045.5	3437	9.7	110810.2	-6035.4
3258	9.8	104831.2	-6038.6	3348	9.3	110017.8	-6059.5	3438	9.5	110814.1	-6039.4
3259	9.8	104832.0	-6055.2	3349	9.7	110021.2	-6037.2	3439	8.4	110817.2	-6004.0
3260	9.2	104833.8	-6059.6	3350	9.8	110021.9	-6014.6	3440	10.0	110830.7	-6038.6
3261	9.8	104841.7	-6038.6	3351	9.5	110028.8	-6026.4	3441	10.0	110849.7	-6037.2
3262	7.5	104847.9	-6059.6	3352	9.2	110039.4	-6027.4	3442	10.0	110852.6	-6016.2
3263	9.0	104901.5	-6001.2	3353	9.0	110050.1	-6030.2	3443	7.7	110901.3	-6054.4
3264	9.0	104904.4	-6025.6	3354	9.5	110050.6	-6047.4	3444	9.5	110902.4	-6028.4
3265	9.8	104908.6	-6017.6	3355	9.4	110057.2	-6028.0	3445	9.5	110907.4	-6021.6
3266	9.5	104913.1	-6016.6	3356	8.4	110057.2	-6022.6	3446	9.8	110907.4	-6036.4
3267	10.0	104914.3	-6056.6	3357	9.2	110057.2	-6033.7	3447	9.6	110911.3	-6005.0
3268	9.8	104917.8	-6052.3	3358	10.0	110109.6	-6042.6	3448	10.0	110925.2	-6035.4
3269	8.7	104924.6	-6006.2	3359	9.8	110147.7	-6024.6	3449	9.2	110937.1	-6046.4
3270	9.5	104930.3	-6055.8	3360	8.9	110153.4	-6000.0	3450	9.0	110937.4	-6023.4
3271	8.3	104935.4	-6022.6	3361	9.8	110157.4	-6055.2	3451	9.4	110941.6	-6001.0
3272	10.3	104952.0	-6000.2	3362	9.7	110200.1	-6038.2	3452	8.9	110944.7	-6035.4
3273	9.0	104957.3	-6018.1	3363	9.7	110208.3	-6017.2	3453	9.5	110950.1	-6048.4
3274	9.7	104958.6	-6047.5	3364	9.8	110212.6	-6045.7	3454	10.3	111008.7	-6006.6
3275	10.0	105004.8	-6052.5	3365	9.6	110214.1	-6005.9	3455	9.5	111011.8	-6049.0
3276	9.5	105013.6	-6011.3	3366	9.8	110219.8	-6017.6	3456	10.0	111020.1	-6012.0
3457	9.6	111021.6	-6019.5								
3458	9.8	111029.4	-6026.1								
3459	10.0	111032.9	-6023.0								
3460	9.5	111037.2	-6031.0								
3461	9.2	111053.6	-6059.0								
3462	9.6	111102.4	-6011.0								
3463	9.5	111106.7	-6036.0								
3464	9.8	111111.6	-6014.0								
3465	9.5	111115.7	-6008.7								
3466	9.2	111127.9	-6024.0								
3467	9.7	111137.7	-6031.0								
3468	9.1	111138.4	-6014.2								
3469	10.3	111152.5	-6012.8								
3470	10.0	111154.6	-6046.0								
3471	9.5	111155.8	-6050.0								
3472	11.0	111204.3	-6005.0								
3473	8.2	111212.0	-6057.0								
3474	9.8	111220.4	-6027.0								
3475	10.0	111231.3	-6004.0								
3476	10.0	111254.6	-6027.0								
3477	9.2	111303.5	-6008.5								
3478	9.8	111303.6	-6014.5								
3479	9.5	111305.3	-6009.0								
3480	7.9	111313.9	-6028.0								
3481	10.0	111320.2	-6032.0								
3482	10.0	111321.3	-6045.0								
3483	9.4	111321.8	-6013.1								
3484	7.8	111327.3	-6058.0								
3485	9.1	111348.7	-6012.9								
3486	9.6	111350.3	-6039.1								
3487	9.8	111352.4	-6026.1								
3488	9.2	111354.6	-6015.1								
3489	10.0	111410.2	-6030.0								
3490	10.0	111417.1	-6045.0								
3491	10.0	111421.1	-6047.0								
3492	9.6	111424.2	-6002.5								
3493	9.2	111437.7	-6033.0								
3494	9.5	111444.2	-6019.9								
3495	9.0	111450.1	-6043.0								
3496	8.2	111453.0	-6024.9								
3497	9.0	111509.3	-6006.0								
3498	9.5	111527.9	-6023.0								
3499	9.2	111530.4	-6019.0								
3500	10.0	111535.6	-6046.0								
3501	10.0	111537.2	-6003.0								
3502	7.8	111604.0	-6033.4								
3503	9.5	111606.8	-6050.4								
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3510	9.8	111648.1	-6040.4								
3511	9.6	111648.9	-6022.9								
3512	10.0	111659.1	-6015.4								
3513	9.8	111704.3	-6012.4								
3514	9.8	111713.1	-6017.5								
3515	9.8	111723.7	-6050.7								
3516	9.7	111731.1	-6055.7								
3517	9.5	111733.4	-6056.7								
3518	10.0	111739.8	-6008.0								
3519	10.0	111749.2	-6035.7								
3520	10.0	111752.7	-6002.0								
3521	9.2	111807.1	-6058.7								
3522	8.6	111822.1	-6010.9								
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3524	9.2	111825.6	-6039.7								
3525	9.8	111848.0	-6022.7								
3526	9.8	111851.6	-6017.7								
3527	9.5	111853.2	-6037.7								
3528	9.5	111902.2	-6051.4								
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3531	9.7	111914.3	-6003.0								
3532	7.7	111914.4	-6057.7								
3533	9.6	111915.4	-6026.7								
3534	9.0	111920.7	-6051.7								
3535	8.8	111921.2	-6035.7								
3536	9.0	111930.3	-6007.0								
3537	8.8	111930.4	-6003.0								
3538	9.9	111932.6	-6028.5								
3539	8.9	111939.0	-6041.7								
3540	9.3	111939.8	-6036.2								
3541	10.0	111953.0	-6006.4								
3542	9.2	111953.6	-6017.3								
3543	10.0	111956.2	-6002.0								
3544	10.0	112012.7	-6003.0								
3545	10.0	112012.9	-6026.7								
3546	9.9	112022.6	-6041.2								

-60 3547 11h20m

-60 3906 11h54m

3547	8.7	112025.6	-6057.2	3637	9.5	113051.9	-6050.2	3727	9.8	113916.9	-6045.5
3548	9.7	112031.5	-6021.7	3638	9.1	113058.2	-6027.4	3728	9.6	113919.8	-6011.0
3549	9.5	112055.3	-6031.7	3639	9.2	113101.6	-6058.6	3729	10.0	113920.3	-6051.5
3550	5.5	112057.4	-6025.7	3640	8.0	113107.2	-6029.0	3730	9.6	113920.7	-6000.5
3551	9.0	112110.2	-6052.7	3641	10.0	113111.2	-6033.7	3731	10.5	113931.5	-6057.2
3552	9.0	112122.2	-6052.7	3642	6.7	113113.1	-6035.6	3732	10.0	113937.8	-6015.5
3553	9.9	112123.4	-6013.7	3643	10.5	113122.7	-6004.5	3733	8.5	113938.3	-6031.5
3554	7.0	112124.2	-6041.7	3644	8.0	113129.0	-6002.5	3734	8.5	113942.9	-6045.5
3555	10.0	112127.3	-6008.8	3645	9.9	113132.3	-6044.7	3735	9.0	113944.4	-6046.5
3556	9.0	112200.1	-6058.7	3646	7.0	113142.6	-6047.6	3736	9.7	114001.9	-6044.5
3557	9.2	112201.7	-6053.7	3647	6.7	113143.4	-6012.6	3737	10.5	114002.2	-6012.5
3558	10.0	112212.1	-6016.2	3648	9.8	113145.5	-6012.1	3738	10.0	114008.6	-6018.0
3559	9.0	112225.1	-6042.7	3649	8.2	113146.8	-6017.0	3739	10.5	114015.0	-6019.2
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3561	10.0	112236.0	-6017.4	3651	10.5	113227.0	-6000.5	3741	4.8	114027.4	-6028.5
3562	9.5	112243.9	-6011.7	3652	9.9	113230.2	-6057.5	3742	10.0	114041.0	-6028.2
3563	9.3	112248.7	-6053.7	3653	10.5	113236.3	-6052.5	3743	8.3	114050.0	-6021.5
3564	9.4	112250.1	-6018.7	3654	9.5	113239.1	-6040.5	3744	10.0	114050.1	-6012.2
3565	9.8	112250.2	-6002.2	3655	9.9	113244.9	-6025.5	3745	10.3	114051.3	-6050.2
3566	10.0	112302.8	-6046.5	3656	9.4	113259.3	-6012.0	3746	9.5	114051.4	-6046.5
3567	9.2	112303.5	-6023.2	3657	8.8	113313.1	-6042.5	3747	10.3	114052.6	-6010.5
3568	10.0	112308.3	-6048.7	3658	8.6	113322.1	-6043.5	3748	9.3	114059.9	-6026.5
3569	8.8	112319.2	-6049.7	3659	10.3	113325.0	-6045.1	3749	9.5	114110.5	-6028.5
3570	9.3	112320.9	-6011.3	3660	9.5	113329.6	-6015.0	3750	9.1	114112.9	-6011.5
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3572	9.1	112348.6	-6054.7	3662	8.5	113335.4	-6028.5	3752	9.3	114116.0	-6030.1
3573	9.8	112351.0	-6020.7	3663	10.5	113340.9	-6026.5	3753	9.8	114118.1	-6043.5
3574	9.0	112403.4	-6058.7	3664	9.9	113341.4	-6047.5	3754	10.8	114141.3	-6016.5
3575	9.7	112412.8	-6033.7	3665	10.5	113349.9	-6033.5	3755	10.5	114142.6	-6018.5
3576	9.9	112419.3	-6004.0	3666	9.9	113403.0	-6020.5	3756	11.0	114146.3	-6049.5
3577	9.4	112429.9	-6028.2	3667	9.8	113406.2	-6034.5	3757	10.8	114150.3	-6008.5
3578	9.8	112446.7	-6050.7	3668	9.5	113408.7	-6055.5	3758	10.5	114201.5	-6033.5
3579	10.0	112452.3	-6006.2	3669	9.5	113410.0	-6012.0	3759	11.0	114206.4	-6043.5
3580	9.8	112452.7	-6051.7	3670	7.7	113412.8	-6030.3	3760	10.0	114209.7	-6038.5
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3582	8.6	112504.0	-6023.7	3672	11.5	113425.5	-6013.5	3762	10.5	114215.8	-6059.5
3583	10.0	112506.3	-6045.7	3673	10.3	113431.0	-6023.5	3763	9.9	114217.8	-6053.5
3584	10.0	112507.1	-6018.2	3674	7.1	113454.6	-6017.5	3764	8.8	114218.7	-6055.5
3585	10.0	112510.4	-6004.8	3675	10.8	113500.5	-6041.2	3765	10.3	114218.9	-6052.5
3586	8.5	112519.6	-6057.7	3676	10.0	113502.1	-6027.5	3766	9.9	114220.9	-6048.5
3587	7.5	112531.6	-6035.5	3677	9.3	113502.5	-6020.3	3767	10.0	114228.5	-6019.5
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3590	8.7	112604.6	-6000.2	3680	10.3	113511.2	-6037.5	3770	11.0	114234.1	-6039.5
3591	9.8	112622.6	-6039.9	3681	7.3	113515.4	-6026.5	3771	8.7	114237.3	-6052.5
3592	8.0	112633.1	-6010.5	3682	10.5	113516.9	-6004.5	3772	9.4	114245.1	-6013.7
3593	9.8	112635.7	-6028.4	3683	9.9	113519.1	-6017.5	3773	10.3	114251.1	-6043.5
3594	9.8	112643.3	-6035.7	3684	9.9	113529.5	-6017.7	3774	9.5	114254.7	-6044.5
3595	9.2	112643.3	-6055.0	3685	11.0	113531.7	-6004.5	3775	9.5	114258.4	-6026.5
3596	8.7	112650.1	-6002.5	3686	10.5	113532.0	-6044.3	3776	9.7	114304.6	-6057.5
3597	10.0	112653.1	-6041.9	3687	9.2	113536.1	-6017.5	3777	10.0	114307.9	-6044.7
3598	9.5	112704.9	-6052.2	3688	10.8	113537.5	-6019.5	3778	9.8	114311.7	-6034.5
3599	9.3	112706.9	-6051.4	3689	10.3	113540.2	-6057.5	3779	9.9	114322.5	-6035.6
3600	9.1	112717.6	-6038.0	3690	10.0	113540.8	-6011.7	3780	10.5	114324.3	-6031.5
3601	9.7	112730.0	-6011.4	3691	10.8	113600.7	-6003.5	3781	9.8	114325.7	-6057.5
3602	10.0	112732.7	-6004.5	3692	9.8	113605.2	-6058.5	3782	9.9	114328.2	-6035.5
3603	9.2	112739.4	-6004.5	3693	7.7	113621.6	-6016.5	3783	9.3	114345.2	-6038.5
3604	9.6	112740.6	-6031.2	3694	10.8	113624.5	-6011.1	3784	10.5	114354.0	-6031.7
3605	9.5	112750.9	-6050.9	3695	10.0	113624.8	-6032.5	3785	10.0	114354.1	-6043.5
3606	9.8	112758.8	-6047.6	3696	10.3	113625.2	-6010.5	3786	9.8	114401.3	-6033.5
3607	8.7	112801.8	-6011.5	3697	10.0	113628.4	-6045.5	3787	9.8	114401.9	-6028.5
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3610	10.0	112858.2	-6013.6	3700	10.5	113641.9	-6047.5	3790	10.0	114409.5	-6023.5
3611	9.5	112902.6	-6041.3	3701	8.6	113649.3	-6049.5	3791	10.3	114414.0	-6028.3
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3613	9.6	112903.9	-6046.0	3703	11.0	113653.7	-6055.5	3793	9.1	114418.8	-6052.5
3614	9.8	112904.8	-6055.7	3704	9.5	113708.2	-6002.5	3794	8.4	114424.3	-6006.5
3615	10.0	112912.8	-6015.7	3705	9.8	113710.2	-6056.5	3795	9.4	114427.8	-6031.5
3616	7.2	112928.5	-6012.2	3706	10.3	113720.9	-6046.5	3796	9.3	114429.8	-6058.1
3617	9.8	112937.2	-6020.2	3707	11.0	113722.3	-6029.5	3797	10.8	114431.1	-6012.5
3618	11.0	112943.9	-6001.5	3708	9.7	113722.3	-6030.5	3798	10.0	114438.6	-6016.5
3619	8.7	112944.0	-6003.3	3709	9.8	113725.1	-6059.5	3799	9.6	114441.1	-6040.5
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3622	9.5	113000.8	-6051.9	3712	10.0	113740.1	-6008.7	3802	10.0	114501.6	-6005.5
3623	8.5	113001.0	-6047.2	3713	10.0	113740.9	-6012.5	3803	9.8	114508.5	-6020.5
3624	10.0	113005.1	-6043.4	3714	10.0	113753.0	-6058.5	3804	10.3	114518.0	-6031.3
3625	9.2	113017.0	-6054.1	3715	10.3	113807.1	-6043.5	3805	11.5	114518.4	-6048.5
3626	9.5	113024.4	-6051.6	3716	20.0	113809.5	-6024.0	3806	9.8	114521.3	-6053.5
3627	9.3	113028.4	-6046.6	3717	10.3	113824.2	-6000.5	3807	11.0	114524.9	-6005.5
3628	6.2	113031.2	-6022.2	3718	9.4	113826.4	-6047.5	3808	9.8	114526.4	-6046.8
3629	10.0	113032.6	-6057.6	3719	8.0	113838.9	-6009.5	3809	7.9	114534.4	-6026.8
3630	8.5	113038.1	-6037.7	3720	9.7	113845.3	-6029.5	3810	10.5	114544.1	-6045.5
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3897	11.0	115356.9	-6048.5								
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3900	11.0	115403.0	-6035.8								
3901	10.0	115403.5	-6010.3								
3902	9.2	115409.6	-6043.0								
3903	10.3	115410.5	-6051.8								
3904	10.0	115421.0	-6046.9								
3905	10.5	115423.6	-6012.0								
3906	10.3	115425.2	-6051.5								

3907	10.0	115427.0	-6038.9	3997	10.3	120139.2	-6034.5	4087	10.0	121058.7	-6003.6	4177	10.0	122038.2	-6032.6
3908	9.1	115430.4	-6044.5	3998	8.5	120142.0	-6023.5	4088	10.0	121059.8	-6032.7	4178	11.0	122038.7	-6003.2
3909	9.8	115430.7	-6036.5	3999	10.5	120145.5	-6025.0	4089	10.5	121120.2	-6055.7	4179	10.3	122042.7	-6027.6
3910	10.3	115436.6	-6059.5	4000	9.5	120148.1	-6056.5	4090	8.1	121123.5	-6046.7	4180	9.8	122044.4	-6046.6
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3912	9.7	115449.4	-6015.0	4002	7.5	120157.6	-6033.7	4092	9.4	121130.0	-6047.7	4182	10.0	122053.1	-6051.6
3913	9.0	115450.6	-6041.5	4003	9.8	120158.5	-6052.1	4093	10.5	121139.2	-6002.8	4183	9.7	122056.7	-6003.6
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3915	9.8	115458.2	-6007.5	4005	9.1	120203.2	-6009.1	4095	11.0	121157.2	-6032.7	4185	10.0	122113.4	-6047.6
3916	10.5	115504.0	-6032.9	4006	10.5	120208.0	-6001.1	4096	11.0	121200.7	-6011.7	4186	9.8	122115.7	-6058.6
3917	9.6	115506.6	-6039.5	4007	10.5	120209.1	-6049.7	4097	9.7	121209.4	-6025.7	4187	9.2	122126.4	-6012.1
3918	10.5	115509.0	-6015.5	4008	9.3	120209.8	-6025.9	4098	10.5	121213.8	-6034.7	4188	9.7	122127.2	-6021.6
3919	9.8	115526.9	-6009.5	4009	9.9	120216.5	-6009.9	4099	10.0	121223.6	-6053.7	4189	10.8	122129.2	-6055.6
3920	9.6	115527.6	-6042.5	4010	9.1	120217.0	-6032.7	4100	8.1	121226.7	-6026.6	4190	8.6	122134.8	-6012.9
3921	10.5	115527.8	-6043.1	4011	10.0	120220.2	-6009.9	4101	9.5	121234.9	-6026.6	4191	10.3	122142.9	-6038.6
3922	8.9	115531.9	-6004.5	4012	9.5	120230.4	-6046.7	4102	10.8	121235.6	-6017.6	4192	9.5	122151.0	-6014.2
3923	9.6	115534.1	-6011.2	4013	10.5	120234.5	-6042.7	4103	9.7	121258.7	-6059.6	4193	10.0	122151.1	-6046.6
3924	10.5	115536.5	-6036.9	4014	10.3	120237.3	-6033.7	4104	10.5	121303.9	-6002.3	4194	9.4	122158.6	-6014.6
3925	9.8	115536.5	-6008.7	4015	10.5	120244.5	-6015.7	4105	10.5	121304.2	-6042.6	4195	9.8	122159.2	-6024.6
3926	10.5	115537.7	-6037.5	4016	8.8	120252.5	-6015.2	4106	10.3	121304.7	-6001.4	4196	10.0	122159.3	-6036.6
3927	10.3	115554.3	-6053.5	4017	8.7	120252.9	-6019.7	4107	10.8	121311.2	-6001.3	4197	9.7	122203.4	-6034.6
3928	9.8	115557.4	-6024.5	4018	10.0	120254.4	-6043.7	4108	10.0	121318.1	-6050.6	4198	11.0	122208.1	-6015.6
3929	9.6	115600.3	-6045.5	4019	10.3	120255.4	-6038.7	4109	9.8	121320.1	-6050.6	4199	10.5	122210.2	-6020.6
3930	10.8	115602.6	-6059.5	4020	9.6	120257.2	-6018.7	4110	8.6	121320.1	-6052.6	4200	8.1	122212.3	-6007.5
3931	9.8	115603.1	-6018.2	4021	8.9	120402.9	-6016.8	4111	9.8	121322.7	-6001.8	4201	10.8	122217.9	-6047.6
3932	9.5	115610.2	-6000.7	4022	9.9	120410.9	-6008.9	4112	9.7	121334.1	-6007.9	4202	9.8	122223.3	-6031.6
3933	9.3	115610.2	-6003.0	4023	9.6	120424.7	-6023.7	4113	10.5	121341.8	-6034.6	4203	10.8	122227.1	-6044.6
3934	9.0	115611.5	-6030.8	4024	10.0	120427.4	-6044.7	4114	10.5	121344.7	-6024.6	4204	10.8	122230.2	-6013.6
3935	10.8	115613.5	-6042.3	4025	10.5	120430.0	-6008.7	4115	10.3	121353.5	-6054.6	4205	11.0	122233.5	-6051.6
3936	9.9	115618.0	-6022.5	4026	7.0	120432.7	-6034.7	4116	10.8	121413.3	-6032.6	4206	10.8	122235.2	-6021.6
3937	11.0	115619.8	-6030.5	4027	9.1	120434.6	-6038.0	4117	9.7	121417.8	-6034.6	4207	10.8	122235.5	-6056.6
3938	9.0	115626.3	-6013.2	4028	10.0	120448.4	-6040.7	4118	10.8	121420.2	-6015.7	4208	9.9	122239.7	-6025.6
3939	9.1	115637.6	-6012.7	4029	9.4	120450.1	-6014.8	4119	10.3	121427.6	-6052.6	4209	10.0	122248.1	-6054.6
3940	10.3	115642.0	-6019.6	4030	10.0	120504.2	-6010.8	4120	9.7	121429.8	-6036.6	4210	10.5	122258.1	-6014.6
3941	9.9	115653.5	-6021.3	4031	9.7	120510.1	-6006.8	4121	10.8	121437.1	-6052.6	4211	10.5	122300.8	-6037.6
3942	11.3	115703.7	-6034.5	4032	9.9	120516.6	-6056.7	4122	9.6	121440.7	-6022.6	4212	10.5	122302.8	-6028.6
3943	10.0	115706.8	-6029.5	4033	9.1	120521.4	-6034.7	4123	9.7	121443.7	-6024.6	4213	8.7	122304.3	-6045.6
3944	7.9	115709.0	-6023.5	4034	10.0	120539.5	-6003.8	4124	8.2	121500.7	-6051.4	4214	9.8	122317.2	-6014.9
3945	8.8	115712.0	-6022.5	4035	9.8	120605.6	-6015.7	4125	10.5	121502.8	-6055.6	4215	7.0	122320.6	-6017.6
3946	8.9	115713.3	-6015.7	4036	10.5	120617.7	-6025.7	4126	9.8	121503.2	-6055.6	4216	9.7	122327.1	-6016.6
3947	9.8	115738.5	-6016.2	4037	10.0	120622.3	-6031.7	4127	10.3	121519.8	-6033.6	4217	9.2	122338.4	-6042.6
3948	9.6	115748.1	-6009.0	4038	10.8	120627.2	-6008.7	4128	11.0	121520.0	-6011.4	4218	10.8	122339.3	-6006.3
3949	11.0	115753.6	-6043.5	4039	8.5	120630.4	-6022.7	4129	9.4	121522.5	-6027.6	4219	10.3	122344.3	-6032.6
3950	10.0	115756.9	-6028.5	4040	9.3	120643.5	-6008.9	4130	9.4	121532.3	-6031.6	4220	9.6	122345.7	-6026.6
3951	9.3	115758.5	-6019.5	4041	10.5	120647.4	-6038.7	4131	10.3	121537.1	-6024.6	4221	10.5	122346.2	-6022.6
3952	8.6	115759.0	-6020.5	4042	9.5	120651.1	-6054.7	4132	10.3	121550.7	-6026.6	4222	9.6	122348.8	-6029.6
3953	9.5	115805.8	-6050.5	4043	10.5	120653.6	-6051.7	4133	10.0	121603.3	-6036.6	4223	9.3	122356.3	-6048.6
3954	9.9	115807.8	-6051.5	4044	9.1	120703.1	-6029.7	4134	10.0	121613.9	-6042.6	4224	9.5	122401.3	-6037.6
3955	10.0	115816.7	-6038.4	4045	9.6	120709.8	-6030.7	4135	10.5	121618.3	-6033.6	4225	10.3	122401.7	-6025.6
3956	9.4	115824.0	-6019.5	4046	10.5	120718.7	-6010.9	4136	11.0	121631.8	-6010.4	4226	10.0	122419.5	-6001.2
3957	6.6	115830.9	-6016.2	4047	10.3	120719.4	-6039.7	4137	10.3	121645.1	-6052.6	4227	11.0	122426.7	-6026.6
3958	10.5	115834.0	-6026.0	4048	9.7	120728.4	-6022.7	4138	7.5	121647.1	-6055.6	4228	8.7	122431.1	-6012.1
3959	8.6	115837.8	-6009.7	4049	10.0	120732.1	-6016.7	4139	10.0	121649.8	-6032.6	4229	8.6	122431.5	-6025.6
3960	10.0	115840.5	-6010.4	4050	10.5	120739.4	-6038.7	4140	10.8	121650.6	-6008.0	4230	9.9	122438.8	-6030.6
3961	7.5	115843.4	-6028.5	4051	10.0	120741.4	-6012.2	4141	10.5	121702.1	-6024.6	4231	9.5	122443.4	-6021.6
3962	9.0	115847.8	-6030.5	4052	11.0	120745.3	-6058.7	4142	10.0	121704.2	-6004.4	4232	9.2	122443.5	-6040.2
3963	9.8	115855.7	-6038.5	4053	11.0	120758.1	-6055.7	4143	10.8	121718.3	-6030.6	4233	9.7	122445.7	-6001.6
3964	9.8	115858.5	-6028.0	4054	10.5	120800.0	-6009.7	4144	9.6	121730.6	-6053.6	4234	10.0	122451.0	-6043.6
3965	9.3	115900.6	-6039.5	4055	10.3	120807.7	-6023.7	4145	10.8	121733.9	-6047.6	4235	9.2	122451.0	-6039.6
3966	9.6	115901.0	-6022.5	4056	10.5	120806.1	-6020.7	4146	10.5	121737.9	-6051.6	4236	9.9	122451.1	-6052.6
3967	10.0	115907.1	-6009.0	4057	10.5	120808.8	-6037.7	4147	10.0	121737.9	-6042.6	4237	10.0	122451.1	-6055.6
3968	9.5	115909.5	-6010.7	4058	9.6	120809.2	-6055.7	4148	10.5	121744.7	-6022.6	4238	10.5	122501.3	-6034.6
3969	9.8	115917.7	-6034.5	4059	9.6	120816.1	-6049.7	4149	11.3	121745.2	-6001.0	4239	10.5	122501.5	-6008.1
3970	10.0	115919.2	-6001.0	4060	9.4	120817.3	-6015.9	4150	9.8	121745.8	-6007.0	4240	9.8	122510.5	-6040.6
3971	9.4	115940.5	-6033.6	4061	11.0	120818.5	-6012.7	4151	10.3	121749.9	-6042.6	4241	9.9	122513.3	-6031.6
3972	9.4	115949.3	-6033.5	4062	11.3	120821.6	-6008.7	4152	7.2	121750.8	-6012.5	4242	9.8	122513.9	-6035.6
3973	10.0	115954.3	-6033.5	4063	10.0	120838.6	-6049.7	4153	9.5	121752.9	-6059.6	4243	9.5	122542.2	-6010.9
3974	9.3	120003.5	-6033.0	4064	9.4	120841.6	-6020.7	4154	9.1	121754.8	-6011.5	4244	10.5	122543.8	-6031.6
3975	10.0	120006.4	-6044.5	4065	9.2	120844.1	-6054.7	4155	9.8	121805.9	-6036.6	4245	10.5	122550.1	-6057.6
3976	10.0	120006.5	-6031.7	4066	8.1	120904.9	-6025.7	4156	9.3	121807.7	-6022.6	4246	10.5	122550.3	-6032.6
3977	8.7	120007.0	-6023.5	4067	9.3	120910.3	-6037.7	4157	9.5	121811.2	-6040.6	4247	8.1	122607.9	-6015.5
3978	9.4	120013.5	-6031.9	4068	9.6	120914.3	-6025.7	4158	10.3	121815.7	-6042.6	4248	10.0	122612.5	-6015.5
3979	9.6	120013.8	-6033.5	4069	9.9	120923.6	-6009.8	4159	10.3	121818.4	-6040.6	4249	10.3	122616.7	-6021.5
3980	9.7	120014.5	-6031.9	4070	10.5	120929.7	-6021.7	4160	9.9	121827.5	-6048.6	4250	9.5	122616.8	-6008.0
3981	9.7	120015.2	-6032.5	4071	9.7	120935.6	-6050.7	4161	9.7	121848.0	-6001.5	4251	10.3	122621.2	-6054.5
3982	11.0	120016.2	-6035.5	4072	9.7	120937.7	-6020.7	4162	9.7	121903.6	-6046.6	4252	10.5	122621.9	-6039.5
3983	9.5	120019.9	-6029.5	4073	10.0	120938.7	-6023.7	4163	9.8	121927.2	-6019.6	4253	9.8	122622.6	-6015.5
3984	9.4	120023.5	-6034.4	4074	8.7	120946.9	-6056.7	4164	9.6	121942.3	-6040.4	4254	9.9	122623.9	-6043.5
3985	9.5	120029.7	-6035.2	4075	10.8	120947.6	-6054.7	4165	9.1	121952.1	-6012.3	4255	9.9	122625.2	-6003.8
3986	9.8	120030.7	-6036.5	4076	10.0	120953.8	-6011.2	4166	9.5	121958.2	-6003.5	4256	10.8	122640.4	-6038.5
3987	9.8	120031.1	-6008.0	4077	11.3	121020.6	-6049.7	4167	10.8	122000.7	-6012.9	4257	10.3	122640.8	-6032.5
3988	9.5	120042.3	-6034.5	4078	9.8	121025.8	-6030.7	4168	9.9	122005.8	-6034.6	4258	10.5	122647.4	-6000.9
3989	9.6	120053.1	-6042.5	4079	10.0	121027.7	-6022.7	4169	7.9	122008.1	-6042.6	4259	9.5	122711.8	-6026.5
3990	9.0	120117.5	-6002.0	4080	10.0	121030.8	-6006.0	4170	9.6	122008.7	-6003.5	4260	10.5	122713.8	-6027.5
3991	10.0	120119.1	-6009.0	4081	9.6	121034.5	-6032.7	4171	9.5	122012.2	-6059.6	4261	8.4	122715.3	-6036.5
3992	9.9	120128.5	-6014.0	4082	10.0	121044.6	-6011.3	4172	9.5	122016.2	-6022.6	4262	9.8	122722.1	-6014.5
3993	9.8	120129.7	-6012.5	4083	11.0	121045.5	-6017.7	4173	9.3	122021.6	-6008.7	4263	10.3	122727.9	-6040.5
3994	10.8	120130.9	-6028.8	4084	11.0	121046.1	-6051.7	4174	8.2	122021.7	-6005.5	4264	9.3	122729.1	-6010.1
3995	10.0	120133.9	-6027.5	4085	10.5	121047.7	-6020.7	4175	10.0	122022.5	-6004.8	4265	10.8	122738.2	-6041.5
3996	7.6	120139.2	-6006.0	4086	9.7	121058.6	-6012.3	4176	10.5	122030.0	-6004.3	4266	10.5	122753.4	-6042.5

-60 4267 12h28m

-60 4626 13h13m

4267	9.3	122801.3	-6002.2	4357	10.3	123920.3	-6026.9	4447	11.0	125337.8	-6034.8
4268	10.5	122816.4	-6047.5	4358	9.0	123925.3	-6029.9	4448	8.5	125341.1	-6023.8
4269	9.9	122821.7	-6059.5	4359	9.4	123933.1	-6043.9	4449	10.8	125422.5	-6004.3
4270	9.3	122821.7	-6036.5	4360	10.8	123944.3	-6010.4	4450	9.6	125425.9	-6019.8
4271	9.1	122832.9	-6048.5	4361	8.6	123951.7	-6031.9	4451	11.0	125430.6	-6037.8
4272	9.1	122838.6	-6048.5	4362	11.5	124001.9	-6059.9	4452	10.0	125447.1	-6042.8
4273	8.5	122839.1	-6053.5	4363	11.0	124020.7	-6000.7	4453	10.8	125450.8	-6000.2
4274	9.4	122841.8	-6007.0	4364	10.3	124028.5	-6014.9	4454	9.8	125453.2	-6014.1
4275	9.8	122842.6	-6010.1	4365	10.3	124032.6	-6024.9	4455	8.2	125503.2	-6039.8
4276	10.3	122858.3	-6007.2	4366	9.5	124049.9	-6053.9	4456	7.7	125508.5	-6004.7
4277	9.7	122859.1	-6055.5	4367	11.3	124058.1	-6056.9	4457	11.0	125520.0	-6010.8
4278	9.9	122904.1	-6048.5	4368	10.5	124058.3	-6007.5	4458	9.7	125531.2	-6012.0
4279	9.9	122908.3	-6029.5	4369	10.3	124121.3	-6005.8	4459	11.0	125541.1	-6048.8
4280	10.5	122924.6	-6008.7	4370	10.8	124125.2	-6002.8	4460	10.5	125541.7	-6034.8
4281	9.4	122935.0	-6022.5	4371	10.5	124135.8	-6021.9	4461	11.0	125600.9	-6043.8
4282	9.6	122938.6	-6002.2	4372	9.5	124143.6	-6044.9	4462	10.0	125608.8	-6024.8
4283	9.9	122949.2	-6014.7	4373	8.8	124145.0	-6023.9	4463	9.8	125618.8	-6023.8
4284	10.5	122950.0	-6036.5	4374	10.5	124150.9	-6015.9	4464	9.5	125623.4	-6046.8
4285	10.5	123001.5	-6003.4	4375	10.5	124201.7	-6014.9	4465	11.0	125625.0	-6014.8
4286	10.5	123003.0	-6024.5	4376	10.8	124204.0	-6001.8	4466	9.8	125632.7	-6037.8
4287	10.5	123003.5	-6023.5	4377	9.2	124205.2	-6000.8	4467	10.0	125636.3	-6025.8
4288	10.5	123016.0	-6058.5	4378	10.0	124205.3	-6027.9	4468	9.7	125639.8	-6028.8
4289	9.4	123017.8	-6006.4	4379	9.6	124208.2	-6033.9	4469	9.8	125642.9	-6019.8
4290	10.5	123019.2	-6026.5	4380	9.7	124210.6	-6048.9	4470	9.8	125647.3	-6021.8
4291	9.7	123021.1	-6011.5	4381	9.7	124215.1	-6016.9	4471	9.8	125652.1	-6059.8
4292	11.5	123045.8	-6037.5	4382	10.8	124226.9	-6015.9	4472	9.7	125656.0	-6036.2
4293	10.5	123055.7	-6059.5	4383	9.8	124238.1	-6059.9	4473	10.5	125702.4	-6052.8
4294	8.5	123106.2	-6054.5	4384	11.5	124257.4	-6054.9	4474	9.8	125702.9	-6047.8
4295	9.3	123115.4	-6042.5	4385	10.0	124302.9	-6019.9	4475	9.0	125704.1	-6023.8
4296	11.0	123117.7	-6014.9	4386	9.5	124302.9	-6036.9	4476	10.5	125705.4	-6037.8
4297	10.8	123122.7	-6009.5	4387	11.0	124320.5	-6002.0	4477	10.0	125708.5	-6013.6
4298	10.3	123122.7	-6018.5	4388	11.0	124333.7	-6001.8	4478	10.5	125712.5	-6038.5
4299	9.9	123126.4	-6033.5	4389	10.3	124338.2	-6037.9	4479	8.1	125715.5	-6045.8
4300	9.7	123130.0	-6045.5	4390	9.0	124338.3	-6033.9	4480	10.0	125723.0	-6057.0
4301	10.8	123131.7	-6010.7	4391	10.8	124339.7	-6002.8	4481	9.9	125728.3	-6002.0
4302	9.5	123146.3	-6031.5	4392	9.5	124343.5	-6033.5	4482	9.8	125745.4	-6059.8
4303	10.5	123148.8	-6008.5	4393	11.0	124348.2	-6002.9	4483	10.0	125811.6	-6041.8
4304	9.8	123156.9	-6001.8	4394	10.8	124348.5	-6003.1	4484	8.8	125821.6	-6032.8
4305	9.9	123224.7	-6017.5	4395	10.8	124352.0	-6018.9	4485	10.5	125822.1	-6048.8
4306	10.0	123247.6	-6056.5	4396	9.0	124422.3	-6023.9	4486	11.0	125825.6	-6003.6
4307	10.5	123305.1	-6054.5	4397	10.3	124429.3	-6028.9	4487	9.5	125834.2	-6027.8
4308	10.5	123307.8	-6057.5	4398	10.3	124438.9	-6056.9	4488	11.0	125842.7	-6006.2
4309	10.3	123325.1	-6049.5	4399	11.0	124508.8	-6007.9	4489	9.8	125843.9	-6019.8
4310	8.5	123330.1	-6013.0	4400	9.8	124511.2	-6034.6	4490	10.0	125850.4	-6016.8
4311	10.8	123348.0	-6012.5	4401	10.5	124518.7	-6052.9	4491	10.3	125855.7	-6007.4
4312	9.7	123348.2	-6021.5	4402	9.8	124519.3	-6007.9	4492	9.8	125934.7	-6002.3
4313	10.3	123349.0	-6003.5	4403	9.2	124542.5	-6011.9	4493	9.4	125935.0	-6010.3
4314	11.3	123350.6	-6049.5	4404	9.4	124545.9	-6003.6	4494	9.6	125935.3	-6008.8
4315	10.8	123352.2	-6000.3	4405	9.8	124546.0	-6025.6	4495	9.8	125939.4	-6056.8
4316	9.7	123356.6	-6051.5	4406	10.0	124549.5	-6009.0	4496	10.5	125939.5	-6014.8
4317	10.5	123358.0	-6013.5	4407	10.5	124602.4	-6019.9	4497	9.8	125949.6	-6000.0
4318	10.5	123406.2	-6023.5	4408	11.0	124603.6	-6021.9	4498	9.8	130000.5	-6041.6
4319	10.0	123406.7	-6015.6	4409	9.7	124613.2	-6032.9	4499	9.7	130003.9	-6016.8
4320	10.5	123411.8	-6037.5	4410	10.5	124614.6	-6033.9	4500	10.5	130015.9	-6016.8
4321	9.5	123416.3	-6016.5	4411	9.4	124620.4	-6003.9	4501	10.0	130021.5	-6028.9
4322	10.3	123429.7	-6000.6	4412	9.7	124624.0	-6016.9	4502	10.5	130022.7	-6033.8
4323	9.8	123434.2	-6002.8	4413	8.5	124649.1	-6024.6	4503	10.0	130033.0	-6033.9
4324	10.5	123440.6	-6014.5	4414	8.5	124650.0	-6013.6	4504	8.6	130039.2	-6034.8
4325	10.0	123455.2	-6020.5	4415	9.5	124722.8	-6000.3	4505	10.5	130039.8	-6026.8
4326	9.7	123503.3	-6035.5	4416	10.5	124739.8	-6053.9	4506	9.6	130040.9	-6042.8
4327	10.0	123508.1	-6057.5	4417	10.5	124821.7	-6034.9	4507	9.0	130041.3	-6031.8
4328	7.2	123513.5	-6020.5	4418	8.2	124827.0	-6014.2	4508	9.0	130045.5	-6016.0
4329	10.3	123514.4	-6047.5	4419	9.2	124828.5	-6013.6	4509	9.1	130055.7	-6031.8
4330	9.8	123514.6	-6012.5	4420	9.0	124830.9	-6016.9	4510	10.5	130100.5	-6037.0
4331	9.5	123530.2	-6021.5	4421	8.8	124837.1	-6046.9	4511	10.0	130113.0	-6042.7
4332	9.3	123538.2	-6017.6	4422	8.6	124900.7	-6039.9	4512	10.3	130139.3	-6010.6
4333	10.5	123550.5	-6012.5	4423	9.3	124902.4	-6000.6	4513	9.7	130142.9	-6059.8
4334	8.3	123551.0	-6027.5	4424	10.8	124923.8	-6010.3	4514	9.8	130152.5	-6024.9
4335	9.6	123558.6	-6057.5	4425	9.6	124940.8	-6024.9	4515	10.5	130152.9	-6017.8
4336	10.8	123611.9	-6014.5	4426	9.8	124946.5	-6042.9	4516	10.3	130159.8	-6001.8
4337	9.2	123613.4	-6002.0	4427	9.0	125012.1	-6012.9	4517	9.8	130203.8	-6026.8
4338	11.0	123617.2	-6004.2	4428	9.4	125019.8	-6008.6	4518	10.5	130204.2	-6033.0
4339	9.7	123617.8	-6034.5	4429	9.0	125025.5	-6019.9	4519	10.0	130205.3	-6021.8
4340	11.0	123650.1	-6016.5	4430	8.6	125027.4	-6022.9	4520	9.8	130225.2	-6033.0
4341	8.5	123659.6	-6042.5	4431	10.0	125029.7	-6007.6	4521	9.0	130231.1	-6047.8
4342	8.8	123702.2	-6050.5	4432	9.8	125045.9	-6019.9	4522	9.4	130235.1	-6007.0
4343	10.0	123712.8	-6006.3	4433	10.5	125055.8	-6012.0	4523	8.4	130242.7	-6011.0
4344	10.8	123714.1	-6057.5	4434	10.0	125102.6	-6009.9	4524	9.8	130245.5	-6011.4
4345	9.6	123717.7	-6019.5	4435	10.0	125102.9	-6018.9	4525	10.5	130303.3	-6022.8
4346	10.5	123800.8	-6007.7	4436	9.9	125104.0	-6016.0	4526	10.5	130307.7	-6036.8
4347	9.6	123804.2	-6018.5	4437	10.5	125117.8	-6020.9	4527	9.8	130309.6	-6041.8
4348	10.5	123807.3	-6034.5	4438	11.0	125120.7	-6022.9	4528	9.7	130313.2	-6016.8
4349	9.5	123812.6	-6017.5	4439	10.8	125133.9	-6003.8	4529	10.5	130315.4	-6015.8
4350	4.6	123817.8	-6017.7	4440	9.7	125144.7	-6044.8	4530	10.8	130321.4	-6006.2
4351	10.8	123836.3	-6026.9	4441	10.5	125204.6	-6012.8	4531	11.0	130324.8	-6045.8
4352	9.7	123838.2	-6004.9	4442	9.7	125205.5	-6057.8	4532	9.6	130334.0	-6051.1
4353	9.5	123842.5	-6026.5	4443	10.0	125242.4	-6059.8	4533	10.5	130337.6	-6020.8
4354	9.8	123847.6	-6011.9	4444	11.0	125249.4	-6018.8	4534	9.6	130337.9	-6006.2
4355	8.5	123901.2	-6009.5	4445	9.6	125302.0	-6010.9	4535	11.0	130344.8	-6021.8
4356	10.0	123904.6	-6056.9	4446	10.0	125323.0	-6012.8	4536	10.5	130346.2	-6023.8
4537	10.5	130347.7	-6007.4
4538	10.5	130350.5	-6012.8
4539	9.8	130403.3	-6029.8
4540	7.6	130404.6	-6027.8
4541	9.7	130409.1	-6055.8
4542	10.0	130413.1	-6049.8
4543	9.4	130424.1	-6024.8
4544	9.6	130429.5	-6052.0
4545	10.5	130442.7	-6034.8
4546	9.4	130447.3	-6047.8
4547	11.0	130450.4	-6019.8
4548	10.5	130451.9	-6016.8
4549	8.4	130456.6	-6052.8
4550	9.8	130457.5	-6042.4
4551	10.5	130503.3	-6027.8
4552	11.0	130505.3	-6029.9
4553	8.9	130508.5	-6036.5
4554	9.4	130519.2	-6024.8
4555	10.0	130522.4	-6025.8
4556	10.0	130522.9	-6058.8
4557	9.6	130529.5	-6018.4
4558	9.4	130533.7	-6019.8
4559	10.8	130549.7	-6011.8
4560	9.6	130550.0	-6002.4
4561	9.7	130551.7	-6046.8
4562	10.5	130556.6	-6047.8
4563	9.8	130600.5	-6030.2
4564	9.2	130606.5	-6041.9
4565	9.7	130609.9	-6017.8
4566	8.6	130614.2	-6019.8
4567	10.3	130623.2	-6013.8
4568	10.0	130632.9	-6019.8
4569	10.5	130646.8	-6021.8
4570	10.0	130646.8	-6026.8
4571	10.0	130651.5	-6050.5
4572	10.3	130656.8	-6008.6
4573	10.0	130711.5	-6053.2
4574	10.0	130712.5	-6055.5
4575	9.5	130715.5	-6017.8
4576	10.5	130730.9	-6056.8
4577	11.0	130732.9	-6005.8
4578	9.8	130737.8	-6029.8
4579	10.5	130740.8	-6020.8
4580	11.0	130742.8	-6022.8
4581	10.0	130745.5	-6033.0
4582	8.9	130758.8	-6010.0
4583	10.5	130811.6	-6042.8
4584	10.5	130830.1	-6041.8
4585	9.0	130832.1	-6055.8
4586	9.6	130832.6	-6040.8
4587	11.0	130835.8	-6021.8
4588	9.0	130839.0	-6025.8
4589	8.0	130925.1	-6054.8
4590	8.8	130926.8	-6023.8
4591	9.8	130946.7	-6004.8
4592	10.0	130951.0	-6001.8
4593	11.0	130957.8	-6049.8
4594	8.6	130958.5	-6021.0
4595	10.5	131002.7	-6036.8
4596	9.5	131012.7	-6039.8
4597	7.5	131017.9	-6039.8
4598	9.8	131019.2	-6032.8
4599	9.7	131048.5	-6052.3
4600	9.8	131052.1	-6044.8
4601	9.8	131056.5	-6043.8
4602	9.4	131103.8	-6057.8
4603	9.1	131107.0	-6017.7
4604	9.7	131108.0	-6020.0
4605	8.6	131124.7	-6042.8
4606	9.7	131131.5	-6055.2
4607	10.3	131137.8	-6020.8
4608	9.4	131140.6	-6007.8
4609	9.6	131143.7	-6039.8
4610	9.5	131146.5	-6012.2
4611	9.1	131151.4	-6050.8
4612	9.3	131154.2	-6013.0
4613	9.8	131204.1	-6049.8
4614	9.3	131205.3	-6021.8
4615	9.3	131205.6	-6045.8
4616	10.5	131216.8	-6022.8
4617	9.7	131226.6	-6045.8
4618	9.2	131236.6	-6040.8
4619	10.5	131238.8	-6015.8
4620	8.5	131241.8	-6011.9
4621	9.8	131252.2	-6039.8
4622	9.8	131303.4	-6054.7
4623	10.3	131319.8	-6016.7
4624	10.5	131324.0	-6035.7
4625	8.8	131330.4	-6009.4
4626	8.7	131332.4	-6054.7

-60 4627 13h13m

-60 4986 13h47m

4627	10.0	131332.4	-6019.7	4717	9.3	132238.2	-6032.9	4807	8.8	133051.6	-6021.0
4628	10.3	131358.5	-6054.4	4718	10.3	132239.0	-6000.7	4808	10.5	133056.7	-6054.0
4629	9.9	131400.0	-6014.7	4719	10.3	132243.7	-6013.5	4809	10.5	133058.2	-6023.0
4630	10.0	131401.0	-6031.5	4720	9.6	132248.9	-6048.9	4810	10.0	133059.6	-6001.0
4631	9.5	131402.2	-6043.7	4721	10.8	132254.8	-6008.0	4811	8.6	133104.0	-6034.0
4632	10.3	131403.3	-6023.7	4722	8.0	132257.0	-6005.0	4812	10.5	133105.3	-6035.0
4633	9.2	131405.6	-6044.7	4723	10.0	132300.0	-6016.9	4813	10.5	133106.7	-6025.0
4634	10.5	131409.2	-6034.7	4724	10.3	132311.4	-6041.9	4814	9.6	133110.4	-6008.6
4635	10.3	131412.4	-6051.7	4725	10.0	132314.8	-6030.9	4815	11.0	133113.5	-6001.0
4636	9.7	131419.2	-6036.7	4726	10.3	132315.9	-6040.9	4816	8.6	133116.7	-6013.0
4637	10.0	131420.8	-6029.7	4727	7.0	132316.3	-6055.9	4817	10.5	133117.8	-6035.0
4638	10.0	131426.0	-6017.0	4728	9.1	132341.2	-6022.9	4818	10.8	133121.7	-6014.9
4639	6.6	131432.4	-6018.8	4729	9.2	132354.0	-6010.4	4819	11.0	133122.9	-6043.0
4640	4.5	131434.3	-6019.8	4730	10.0	132404.5	-6049.9	4820	10.5	133142.7	-6053.0
4641	9.8	131444.5	-6044.9	4731	10.3	132405.7	-6050.9	4821	9.7	133147.2	-6051.0
4642	9.1	131504.9	-6029.9	4732	8.4	132411.4	-6032.9	4822	9.2	133148.5	-6007.0
4643	10.0	131507.2	-6057.9	4733	10.3	132428.8	-6039.9	4823	10.0	133205.4	-6046.0
4644	10.0	131509.1	-6013.9	4734	10.5	132430.4	-6040.9	4824	10.3	133215.2	-6022.0
4645	9.1	131510.0	-6024.9	4735	10.0	132440.2	-6054.9	4825	10.0	133215.2	-6026.0
4646	9.7	131529.3	-6029.9	4736	9.9	132448.2	-6025.9	4826	9.3	133253.0	-6047.0
4647	10.0	131548.7	-6026.9	4737	9.1	132505.3	-6038.9	4827	10.0	133256.7	-6051.0
4648	8.5	131602.0	-6024.9	4738	11.3	132506.3	-6014.0	4828	10.5	133300.8	-6057.0
4649	9.9	131603.2	-6052.9	4739	10.0	132507.7	-6026.9	4829	10.8	133304.9	-6037.0
4650	9.8	131604.7	-6057.9	4740	9.8	132510.2	-6021.9	4830	10.5	133306.7	-6055.0
4651	8.7	131609.8	-6056.9	4741	9.1	132510.9	-6048.9	4831	10.5	133307.7	-6053.0
4652	10.3	131621.1	-6019.9	4742	10.0	132513.3	-6059.9	4832	10.3	133310.8	-6035.0
4653	10.5	131625.0	-6009.9	4743	9.7	132528.8	-6056.9	4833	9.6	133317.7	-6024.0
4654	9.7	131625.3	-6039.9	4744	9.2	132529.7	-6058.9	4834	10.0	133318.4	-6004.4
4655	10.3	131632.2	-6002.9	4745	9.7	132535.9	-6013.9	4835	8.6	133327.4	-6020.3
4656	9.7	131642.7	-6019.9	4746	11.3	132539.7	-6015.0	4836	10.0	133327.5	-6006.1
4657	8.9	131644.8	-6022.9	4747	9.8	132543.0	-6000.0	4837	10.3	133331.8	-6040.0
4658	10.3	131651.7	-6028.9	4748	9.2	132545.8	-6032.9	4838	10.5	133343.1	-6016.0
4659	8.0	131652.7	-6018.1	4749	10.3	132551.9	-6048.9	4839	10.5	133345.7	-6020.0
4660	9.7	131659.7	-6026.9	4750	10.0	132633.2	-6052.9	4840	11.0	133348.0	-6013.0
4661	10.0	131702.3	-6025.9	4751	9.8	132642.7	-6022.9	4841	9.7	133349.7	-6057.0
4662	9.2	131712.4	-6037.9	4752	9.7	132644.9	-6034.9	4842	11.0	133406.5	-6020.0
4663	9.3	131712.8	-6038.9	4753	9.4	132645.7	-6036.9	4843	10.0	133413.1	-6003.6
4664	10.0	131713.2	-6026.9	4754	9.7	132646.9	-6046.9	4844	9.7	133421.7	-6055.0
4665	10.8	131723.7	-6014.8	4755	9.8	132649.8	-6010.8	4845	9.5	133426.6	-6018.0
4666	11.5	131739.4	-6007.9	4756	10.0	132649.9	-6040.9	4846	10.5	133427.7	-6020.0
4667	9.8	131744.2	-6051.9	4757	11.5	132650.5	-6004.0	4847	10.8	133432.3	-6035.0
4668	10.0	131749.0	-6051.8	4758	9.9	132700.3	-6033.9	4848	11.0	133433.7	-6057.0
4669	10.3	131753.5	-6044.9	4759	10.3	132723.0	-6003.0	4849	9.4	133440.8	-6036.0
4670	10.5	131809.7	-6056.9	4760	10.0	132725.7	-6026.9	4850	10.0	133443.4	-6001.1
4671	10.3	131822.2	-6020.9	4761	10.0	132727.4	-6032.9	4851	10.0	133444.1	-6018.0
4672	10.5	131828.2	-6013.4	4762	10.3	132730.6	-6055.9	4852	8.6	133446.8	-6032.0
4673	8.5	131846.0	-6010.3	4763	8.6	132737.9	-6044.9	4853	9.6	133449.5	-6059.0
4674	9.5	131846.2	-6054.0	4764	9.8	132741.7	-6054.9	4854	10.0	133453.6	-6019.0
4675	9.1	131849.1	-6016.9	4765	10.0	132742.8	-6038.9	4855	9.7	133512.2	-6027.0
4676	10.0	131850.2	-6023.9	4766	9.6	132747.2	-6027.9	4856	10.5	133518.5	-6004.1
4677	10.3	131858.5	-6015.9	4767	9.9	132752.7	-6047.9	4857	10.0	133523.7	-6055.0
4678	10.0	131901.0	-6012.9	4768	10.0	132752.9	-6035.9	4858	9.5	133527.2	-6025.0
4679	10.3	131903.2	-6022.9	4769	9.7	132809.2	-6054.9	4859	8.5	133528.9	-6044.0
4680	9.5	131919.2	-6042.9	4770	9.5	132821.8	-6030.9	4860	11.0	133532.2	-6013.1
4681	10.0	131919.7	-6023.9	4771	9.9	132828.8	-6054.9	4861	9.6	133549.3	-6029.0
4682	9.3	131928.2	-6049.9	4772	10.5	132833.7	-6007.0	4862	10.5	133553.4	-6037.0
4683	9.8	131932.7	-6056.9	4773	11.0	132836.3	-6000.8	4863	11.0	133557.7	-6050.0
4684	9.7	131936.0	-6044.9	4774	10.0	132838.0	-6056.9	4864	10.0	133616.8	-6003.4
4685	10.0	131936.0	-6045.3	4775	9.8	132839.8	-6013.4	4865	10.3	133617.7	-6027.0
4686	10.3	131936.2	-6011.1	4776	9.8	132842.9	-6048.0	4866	10.3	133617.7	-6025.0
4687	10.0	131936.2	-6018.9	4777	9.6	132843.2	-6053.0	4867	9.8	133625.2	-6024.0
4688	7.5	131950.5	-6024.9	4778	10.5	132900.3	-6034.0	4868	9.6	133639.5	-6035.0
4689	8.6	131955.0	-6042.9	4779	10.0	132909.8	-6011.0	4869	9.2	133640.1	-6011.5
4690	9.8	132023.2	-6052.9	4780	10.0	132924.2	-6057.0	4870	10.0	133646.0	-6019.0
4691	10.5	132026.1	-6012.9	4781	10.5	132926.7	-6055.0	4871	10.5	133656.6	-6017.0
4692	9.4	132032.4	-6021.9	4782	10.0	132928.5	-6030.0	4872	11.0	133657.5	-6000.1
4693	10.0	132036.0	-6012.9	4783	10.0	132929.9	-6054.0	4873	9.5	133701.6	-6025.0
4694	10.0	132052.8	-6032.9	4784	9.5	132930.6	-6041.0	4874	10.0	133703.1	-6007.1
4695	8.4	132054.3	-6015.9	4785	10.0	132931.7	-6042.0	4875	10.5	133708.3	-6014.1
4696	9.8	132054.8	-6032.9	4786	10.0	132933.6	-6029.0	4876	9.9	133716.2	-6053.0
4697	10.0	132057.2	-6026.9	4787	11.3	132935.5	-6007.0	4877	10.5	133726.5	-6046.0
4698	9.3	132058.3	-6003.7	4788	10.5	132940.4	-6055.0	4878	10.0	133727.2	-6052.0
4699	10.0	132059.3	-6032.9	4789	10.5	132940.7	-6050.0	4879	9.8	133727.9	-6042.0
4700	9.7	132118.7	-6056.9	4790	10.0	132943.3	-6009.0	4880	10.0	133730.0	-6057.0
4701	10.5	132121.8	-6032.9	4791	10.3	132943.3	-6008.0	4881	10.5	133732.0	-6026.0
4702	9.5	132125.7	-6028.9	4792	9.6	132946.4	-6018.0	4882	10.0	133732.8	-6041.0
4703	9.9	132130.7	-6021.9	4793	10.3	132948.3	-6031.7	4883	10.5	133734.7	-6020.0
4704	9.8	132132.1	-6015.1	4794	10.0	132955.6	-6019.0	4884	8.7	133754.1	-6043.0
4705	10.0	132133.5	-6014.9	4795	9.5	133000.2	-6041.0	4885	10.0	133754.2	-6002.2
4706	9.8	132145.5	-6019.9	4796	10.5	133011.6	-6031.0	4886	10.3	133759.3	-6031.0
4707	10.3	132202.2	-6053.9	4797	10.5	133014.1	-6030.0	4887	10.0	133800.8	-6035.0
4708	10.8	132205.8	-6003.9	4798	9.9	133016.8	-6005.0	4888	10.0	133806.0	-6006.4
4709	9.7	132207.9	-6042.9	4799	9.8	133019.7	-6043.0	4889	10.3	133823.0	-6007.0
4710	9.9	132211.3	-6036.9	4800	9.1	133028.7	-6010.0	4890	10.3	133826.0	-6002.5
4711	9.8	132215.8	-6030.9	4801	10.0	133033.1	-6009.4	4891	9.5	133826.0	-6027.0
4712	10.0	132217.8	-6038.9	4802	10.0	133033.7	-6000.0	4892	9.0	133835.0	-6004.2
4713	9.7	132217.9	-6010.9	4803	10.8	133042.0	-6038.0	4893	10.0	133835.0	-6006.2
4714	9.5	132221.8	-6033.9	4804	10.0	133044.8	-6001.6	4894	9.5	133838.5	-6035.0
4715	10.3	132230.4	-6036.9	4805	10.8	133045.3	-6031.0	4895	9.9	133840.0	-6046.0
4716	9.4	132237.4	-6044.9	4806	10.0	133046.2	-6053.0	4896	10.0	133847.3	-6033.0
4897	9.4	133853.0	-6059.9								
4898	10.5	133905.2	-6013.1								
4899	10.8	133908.2	-6010.6								
4900	10.0	133912.4	-6006.2								
4901	8.6	133919.7	-6015.0								
4902	10.0	133923.8	-6011.2								
4903	10.0	133927.4	-6006.2								
4904	7.6	133935.3	-6010.6								
4905	11.0	133943.0	-6008.2								
4906	9.1	133943.6	-6019.0								
4907	9.7	133955.7	-6013.1								
4908	10.0	134004.7	-6055.0								
4909	9.6	134020.5	-6013.0								
4910	9.0	134020.8	-6009.1								
4911	9.9	134022.1	-6011.1								
4912	9.7	134023.2	-6014.2								
4913	10.0	134028.0	-6006.2								
4914	9.9	134035.0	-6019.8								
4915	11.0	134037.5	-6009.2								
4916	7.5	134041.0	-6008.0								
4917	8.8	134042.3	-6011.1								
4918	10.5	134043.0	-6045.0								
4919	10.3	134044.5	-6006.2								
4920	9.6	134045.7	-6050.0								
4921	10.0	134052.4	-6050.0								
4922	10.0	134056.9	-6050.0								
4923	9.9	134057.4	-6001.2								
4924	9.4	134101.4	-6015.0								
4925	9.7	134102.6	-6018.0								
4926	9.9	134106.3	-6000.3								
4927	10.0	134115.0	-6043.0								
4928	9.6	134142.7	-6012.1								
4929	10.3	134152.5	-6004.5								
4930	10.5	134159.5	-6030.0								
4931	10.0	134203.0	-6048.0								
4932	10.3	134208.7	-6054.0								
4933	9.5	134208.9	-6010.1								
4934	10.5	134215.8	-6035.0								
4935	10.5	134223.8	-6038.0								
4936	9.8	134224.8	-6028.0								
4937	9.6	134227.2	-6026.0								
4938	10.5	134232.9	-6043.0								
4939	8.4	134237.7	-6000.6								
4940	9.0	134249.4	-6029.0								
4941	9.8	134254.2	-6058.0								
4942	10.8	134301.8	-6044.0								
4943	10.8	134302.9	-6040.0								
4944	9.7	134312.3	-6037.0								
4945	10.3	134317.3	-6027.0								
4946	9.6	134318.2	-6029.0								
4947	10.0	134324.5	-6015.0								
4948	10.3	134333.7	-6027.0								
4949	9.2	134333.8	-6015.0								
4950	9.9	134341.7	-6021.0								
4951	10.5	134345.4	-6046.0								
4952	9.4	134358.0	-6001.0								
4953	9.5	134405.7	-6030.0								
4954	9.8	134412.1	-6002.7								
4955	10.5	134412.5	-6022.1								
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4957	8.0	134420.7	-6045.0								
4958	9.9	134445.2	-6046.0								
4959	10.0	134446.7	-6023.0								
4960	10.5	134502.0	-6015.0								
4961	9.8	134503.5	-6022.8								
4962	10.0	134505.0	-6016.0								
4963	8.6	134509.3	-6025.0								
4964	9.7	134521.9	-6047.0								
4965	9.8	134526.2	-6007.3								
4966	10.0	134533.1	-6002.6								
4967	9.8	134536.1	-6001.6								
4968	10.0	134545.8	-6027.0								
4969	7.9	134559.7	-6043.0								
4970	9.8	134559.8	-6032.0								
4971	8.8	134606.7	-6041.0								
4972	9.5	134608.6	-6017.0								
4973	10.0	134617.8	-6010.3								
4974	10.5	134625.2	-6051.0								
4975	9.8	134633.2	-6049.0								
4976	10.0	134637.1	-6001.6								
4977	10.8	134644.2	-6057.0								
4978	10.3	134650.7	-6023.0								
4979	10.0	134657.1	-6004.6								
4980	9.9	134659.4	-6027.0								
4981	10.0	134704.1	-6004.3								
4982	9.3	134707.9	-6054.0								
4983	10.3	134723.7	-6056.0								
4984	8.3	134729.0	-6036.0								
4985	9.4	134736.0	-6058.0								
4986	11.0	134744.6	-6017.0								

-60 4987 13h47m

-60 5346 14h42m

4987	10.8	134745.5	-6013.0	5077	9.4	140107.7	-6055.1	5167	9.9	141333.3	-6028.5
4988	9.9	134754.8	-6034.0	5078	9.1	140126.7	-6040.1	5168	9.6	141334.6	-6004.8
4989	9.8	134801.3	-6033.1	5079	10.0	140128.6	-6047.1	5169	10.0	141407.2	-6033.5
4990	9.8	134806.7	-6059.7	5080	10.0	140130.2	-6049.1	5170	10.0	141415.8	-6024.5
4991	8.8	134821.0	-6006.3	5081	9.2	140133.3	-6016.1	5171	10.0	141432.1	-6049.5
4992	10.0	134824.4	-6043.1	5082	9.8	140142.8	-6034.1	5172	9.9	141434.6	-6051.5
4993	10.0	134825.2	-6007.0	5083	10.0	140145.9	-6044.0	5173	10.0	141439.8	-6024.5
4994	11.0	134838.4	-6041.1	5084	10.3	140150.0	-6049.1	5174	10.0	141441.3	-6055.5
4995	9.3	134838.9	-6025.1	5085	9.4	140200.4	-6050.1	5175	9.2	141443.2	-6043.5
4996	10.0	134848.2	-6055.0	5086	8.7	140221.8	-6020.1	5176	9.5	141448.8	-6021.5
4997	10.0	134858.4	-6015.0	5087	10.0	140223.7	-6009.3	5177	9.5	141449.3	-6044.5
4998	11.0	134934.9	-6045.1	5088	9.7	140225.2	-6023.1	5178	10.0	141450.5	-6035.5
4999	9.6	134945.2	-6052.1	5089	10.0	140236.1	-6019.1	5179	10.0	141453.6	-6045.5
5000	9.0	134954.7	-6059.7	5090	10.0	140241.2	-6025.1	5180	9.3	141456.7	-6045.5
5001	10.5	135003.2	-6052.1	5091	10.0	140303.2	-6052.1	5181	9.3	141506.6	-6046.5
5002	9.7	135018.3	-6032.1	5092	9.7	140317.7	-6055.1	5182	8.2	141514.9	-6048.5
5003	9.8	135018.8	-6012.4	5093	10.3	140318.1	-6059.1	5183	10.0	141518.4	-6013.7
5004	10.5	135021.8	-6011.7	5094	10.5	140330.9	-6029.1	5184	9.1	141520.5	-6059.5
5005	10.0	135027.2	-6006.2	5095	10.0	140336.5	-6010.6	5185	10.0	141527.8	-6053.5
5006	10.5	135038.9	-6043.1	5096	10.0	140343.3	-6010.0	5186	9.8	141528.6	-6043.5
5007	8.1	135050.9	-6046.1	5097	9.4	140343.6	-6043.1	5187	10.0	141543.4	-6048.5
5008	10.0	135103.3	-6033.1	5098	9.8	140353.7	-6006.0	5188	9.8	141554.7	-6006.4
5009	10.3	135122.2	-6055.1	5099	10.0	140359.9	-6010.3	5189	9.8	141558.7	-6007.4
5010	10.0	135127.2	-6007.4	5100	10.5	140410.9	-6027.1	5190	9.3	141559.1	-6044.5
5011	7.0	135127.6	-6053.1	5101	10.0	140411.8	-6012.4	5191	10.0	141633.7	-6037.5
5012	9.4	135136.1	-6049.0	5102	10.0	140421.4	-6050.1	5192	8.5	141639.2	-6026.5
5013	9.3	135143.7	-6035.1	5103	9.0	140438.5	-6053.1	5193	9.5	141640.7	-6022.5
5014	10.0	135147.2	-6007.4	5104	9.6	140442.7	-6005.6	5194	9.4	141657.1	-6009.6
5015	9.6	135227.4	-6047.1	5105	8.6	140446.1	-6020.1	5195	10.0	141703.1	-6040.5
5016	10.0	135236.1	-6014.4	5106	9.6	140455.6	-6019.1	5196	9.9	141709.2	-6034.5
5017	10.0	135237.3	-6009.4	5107	9.9	140459.0	-6005.7	5197	10.0	141711.2	-6032.5
5018	8.4	135253.7	-6042.1	5108	9.7	140505.4	-6003.7	5198	10.0	141713.4	-6056.5
5019	8.6	135255.4	-6043.1	5109	8.7	140513.5	-6023.1	5199	10.0	141715.0	-6014.5
5020	8.0	135306.4	-6011.2	5110	9.6	140520.9	-6025.1	5200	7.7	141739.4	-6010.7
5021	9.9	135307.0	-6038.1	5111	9.9	140538.9	-6041.1	5201	9.6	141740.4	-6011.7
5022	8.6	135313.1	-6011.1	5112	9.2	140550.1	-6039.1	5202	10.0	141750.6	-6039.6
5023	10.0	135318.1	-6000.4	5113	10.0	140601.3	-6011.7	5203	9.6	141800.8	-6024.6
5024	10.0	135405.4	-6048.1	5114	8.6	140604.3	-6031.1	5204	10.0	141805.7	-6031.6
5025	10.0	135415.5	-6046.1	5115	10.0	140604.7	-6005.7	5205	9.8	141814.1	-6048.6
5026	10.5	135425.8	-6040.1	5116	9.5	140616.4	-6054.1	5206	10.0	141823.8	-6005.1
5027	9.9	135428.2	-6014.8	5117	10.5	140624.4	-6047.1	5207	10.0	141828.2	-6007.9
5028	9.5	135444.0	-6057.1	5118	10.0	140638.7	-6014.7	5208	9.8	141829.2	-6032.6
5029	10.0	135451.8	-6044.1	5119	10.0	140643.3	-6035.1	5209	10.0	141834.4	-6024.6
5030	10.3	135507.8	-6032.1	5120	9.5	140646.5	-6036.1	5210	10.0	141837.5	-6033.6
5031	9.2	135518.4	-6006.5	5121	10.3	140715.2	-6012.2	5211	10.0	141841.1	-6028.6
5032	9.9	135522.4	-6047.1	5122	9.8	140737.0	-6010.2	5212	10.0	141843.0	-6037.6
5033	9.3	135528.3	-6032.0	5123	8.1	140739.0	-6036.2	5213	9.5	141916.9	-6000.3
5034	9.3	135538.2	-6030.1	5124	10.0	140743.0	-6011.7	5214	8.3	141926.9	-6049.6
5035	10.3	135539.8	-6056.1	5125	9.5	140749.7	-6054.2	5215	8.9	141949.1	-6005.0
5036	9.4	135601.2	-6046.1	5126	9.9	140753.2	-6055.2	5216	9.6	142005.1	-6047.6
5037	10.0	135621.1	-6040.1	5127	9.4	140803.2	-6011.9	5217	10.0	142010.1	-6048.6
5038	9.7	135626.7	-6030.1	5128	10.0	140806.1	-6000.9	5218	9.5	142016.0	-6014.6
5039	9.4	135627.3	-6052.0	5129	10.5	140806.3	-6033.2	5219	9.7	142026.0	-6010.6
5040	10.0	135634.6	-6016.1	5130	9.2	140816.0	-6039.2	5220	9.9	142028.0	-6009.6
5041	9.9	135646.2	-6057.1	5131	9.5	140822.3	-6035.2	5221	8.3	142030.4	-6036.6
5042	10.3	135648.4	-6045.1	5132	8.9	140835.0	-6012.9	5222	9.8	142034.1	-6004.3
5043	10.0	135654.2	-6030.1	5133	8.6	140835.8	-6055.2	5223	8.7	142044.7	-6016.6
5044	9.4	135656.5	-6002.5	5134	10.0	140853.2	-6006.7	5224	9.2	142055.6	-6014.6
5045	9.8	135656.8	-6058.1	5135	9.9	140911.9	-6023.2	5225	10.0	142108.1	-6001.0
5046	9.7	135701.1	-6010.1	5136	9.0	140917.6	-6018.2	5226	10.0	142108.4	-6052.6
5047	8.9	135709.4	-6055.1	5137	10.0	140928.9	-6044.2	5227	10.0	142110.5	-6006.5
5048	10.0	135718.6	-6001.2	5138	10.0	140933.6	-6021.2	5228	9.2	142115.6	-6017.6
5049	9.5	135719.4	-6044.1	5139	9.8	140946.7	-6027.2	5229	9.7	142115.7	-6039.6
5050	9.6	135727.1	-6020.1	5140	8.6	141006.6	-6015.0	5230	10.0	142148.2	-6031.6
5051	9.6	135741.3	-6009.7	5141	9.4	141022.2	-6008.8	5231	10.0	142216.7	-6009.8
5052	10.0	135758.4	-6035.1	5142	10.3	141025.8	-6027.2	5232	10.0	142218.9	-6012.5
5053	10.3	135758.8	-6023.1	5143	5.2	141042.6	-6041.8	5233	9.1	142220.4	-6017.6
5054	9.7	135804.0	-6018.1	5144	10.0	141053.2	-6015.3	5234	10.0	142231.2	-6032.6
5055	9.2	135815.0	-6050.1	5145	9.9	141056.8	-6016.1	5235	10.0	142249.0	-6018.7
5056	9.7	135827.2	-6028.1	5146	8.1	141058.6	-6029.4	5236	10.0	142334.0	-6051.7
5057	9.5	135827.4	-6045.1	5147	9.7	141112.8	-6027.4	5237	9.5	142335.1	-6044.7
5058	7.8	135831.0	-6058.1	5148	8.2	141113.6	-6017.7	5238	10.0	142338.3	-6026.7
5059	10.3	135833.7	-6030.1	5149	10.0	141115.0	-6035.4	5239	10.0	142338.3	-6028.7
5060	10.8	135845.2	-6015.1	5150	9.9	141120.9	-6051.4	5240	10.0	142358.6	-6012.7
5061	8.3	135856.9	-6055.1	5151	10.0	141135.6	-6043.4	5241	10.0	142358.6	-6011.7
5062	9.9	135901.5	-6008.5	5152	9.2	141141.0	-6043.4	5242	9.8	142407.4	-6054.7
5063	9.7	135901.7	-6036.1	5153	9.9	141146.9	-6018.4	5243	9.9	142413.4	-6016.7
5064	8.0	135904.7	-6010.3	5154	10.0	141202.8	-6014.8	5244	9.9	142421.1	-6002.8
5065	9.7	135917.7	-6028.1	5155	10.0	141210.2	-6031.4	5245	9.6	142423.6	-6047.7
5066	9.8	135945.2	-6027.1	5156	10.0	141230.4	-6055.4	5246	10.0	142425.6	-6006.0
5067	10.5	135953.3	-6021.1	5157	8.7	141232.7	-6058.4	5247	7.8	142430.9	-6014.8
5068	9.9	135958.8	-6035.1	5158	9.3	141239.2	-6027.4	5248	10.0	142500.4	-6057.7
5069	10.3	140004.6	-6055.1	5159	8.8	141240.1	-6015.6	5249	10.0	142503.5	-6046.7
5070	10.0	140044.0	-6015.1	5160	9.9	141241.1	-6003.4	5250	10.0	142507.7	-6033.7
5071	9.4	140044.3	-6034.1	5161	9.6	141307.2	-6005.8	5251	8.2	142523.5	-6024.7
5072	9.9	140049.9	-6041.1	5162	9.8	141308.6	-6047.5	5252	9.3	142534.2	-6037.7
5073	10.0	140052.2	-6029.1	5163	9.8	141319.7	-6034.5	5253	10.0	142535.7	-6033.7
5074	10.0	140056.5	-6009.8	5164	9.1	141321.2	-6018.5	5254	9.3	142542.5	-6027.7
5075	9.2	140059.6	-6006.6	5165	10.0	141329.3	-6026.5	5255	10.0	142544.1	-6023.7
5076	10.3	140103.4	-6048.1	5166	10.0	141330.7	-6038.5	5256	7.5	142606.3	-6005.2
5257	8.2	142607.4	-6028.3
5258	10.0	142608.9	-6018.7
5259	9.5	142615.1	-6036.7
5260	9.6	142615.4	-6057.7
5261	10.5	142620.6	-6046.7
5262	9.2	142629.8	-6015.1
5263	9.2	142648.2	-6038.7
5264	9.4	142652.8	-6034.7
5265	9.2	142658.9	-6029.7
5266	10.0	142701.7	-6029.7
5267	9.9	142705.7	-6009.0
5268	9.4	142711.0	-6024.7
5269	10.0	142719.5	-6019.7
5270	10.0	142723.7	-6011.9
5271	9.2	142729.7	-6012.5
5272	10.0	142730.6	-6002.1
5273	10.0	142759.8	-6020.8
5274	9.7	142805.6	-6000.1
5275	9.9	142809.4	-6013.9
5276	9.6	142820.7	-6037.8
5277	9.8	142820.8	-6029.8
5278	10.0	142839.9	-6052.8
5279	10.0	142842.1	-6001.0
5280	9.6	142849.4	-6055.8
5281	10.0	142859.7	-6039.8
5282	9.6	142919.6	-6047.8
5283	9.8	142928.6	-6050.8
5284	9.8	142929.9	-6051.8
5285	9.7	142935.8	-6025.8
5286	9.9	142937.7	-6028.8
5287	9.7	142946.2	-6037.8
5288	10.0	142948.8	-6014.9
5289	10.0	142949.3	-6024.8
5290	10.0	142954.7	-6026.8
5291	9.4	143006.6	-6036.8
5292	10.0	143019.5	-6043.8
5293	0.2	143105.0	-6019.0
5294	10.0	143112.9	-6016.8
5295	9.9	143118.2	-6005.2
5296	10.0	143204.0	-6039.8
5297	10.0	143213.1	-6040.8
5298	9.2	143220.8	-6008.0
5299	10.0	143231.7	-6006.2
5300	10.0	143255.2	-6038.9
5301	9.1	143305.4	-6009.9
5302	10.0	143355.1	-6044.9
5303	9.5	143405.2	-6036.9
5304	10.0	143406.6	-6056.9
5305	9.5	143409.1	-6025.9
5306	10.0	143410.1	-6002.2
5307	9.9	143423.4	-6012.5
5308	9.9	143440.8	-6025.9
5309	10.0	143456.1	-6015.9
5310	10.0	143459.4	-6007.3
5311	7.6	143519.1	-6059.9
5312	10.0	143538.3	-6021.9
5313	9.2	143551.3	-6018.2
5314	10.0	143614.9	-6058.9
5315	9.9	143619.9	-6058.9
5316	9.4	143627.6	-6040.9
5317	9.8	143633.1	-6041.9
5318	10.0	143638.2	-6012.9
5319	10.0	143652.9	-6015.1
5320	7.9	143700.6	-6055.9
5321	8.0	143721.3	-6020.0
5322	9.8	143742.7	-6033.0
5323	9.9	143745.8	-6028.0
5324	10.0	143748.0	-6025.0
5325	9.9	143748.1	-6004.3
5326	9.8	143751.4	-6012.1
5327	9.4	143800.0	-6045.0
5328	10.0	143823.4	-6020.0
5329	9.7	143826.9	-6019.0
5330	9.9	143859.8	-6012.1
5331	10.0	143913.4	-6013.1
5332	10.0	143926.4	-6015.1
5333	8.7	143932.4	-6018.0
5334	9.4	143943.8	-6024.0
5335	10.0	143946.2	-6006.4
5336	8.9	143949.7	-6007.2
5337	10.0	143953.0	-6047.0
5338	9.4	143953.6	-6045.0
5339	10.0	143955.1	-6033.0
5340	10.0	144049.0	-6029.0
5341	10.0	144112.2	-6017.0
5342	10.0	144120.2	-6010.6
5343	8.4	144126.7	-6030.0
5344	9.8	144132.2	-6040.0
5345	7.3	144149.1	-6024.0
5346	10.0	144202.7	-6032.0

-60 5347 14h42m

-60 5706 15h24m

5347	10.0	144216.9	-6018.0	5437	9.5	145438.3	-6021.3	5527	9.3	150534.5	-6044.9
5348	9.5	144230.2	-6032.1	5438	10.0	145445.3	-6026.3	5528	11.0	150601.9	-6036.9
5349	10.0	144231.7	-6020.1	5439	9.8	145445.9	-6055.3	5529	10.5	150606.5	-6044.9
5350	9.9	144244.1	-6002.6	5440	10.0	145446.2	-6030.3	5530	9.7	150608.9	-6050.9
5351	10.0	144251.8	-6027.1	5441	10.5	145450.3	-6019.3	5531	10.0	150616.9	-6057.9
5352	10.0	144253.4	-6058.1	5442	10.5	145452.8	-6022.3	5532	10.0	150621.5	-6009.4
5353	9.5	144302.4	-6055.1	5443	10.5	145501.1	-6037.3	5533	9.6	150624.2	-6056.9
5354	9.8	144311.8	-6025.1	5444	8.9	145507.6	-6015.3	5534	9.8	150632.8	-6026.9
5355	10.0	144312.5	-6047.1	5445	10.8	145512.1	-6021.3	5535	6.5	150633.9	-6025.9
5356	7.4	144320.5	-6019.1	5446	9.2	145521.8	-6026.3	5536	9.8	150633.9	-6046.9
5357	10.0	144321.7	-6035.1	5447	10.5	145536.1	-6041.3	5537	10.0	150637.9	-6001.4
5358	9.4	144339.3	-6025.1	5448	9.3	145542.0	-6041.3	5538	9.8	150647.5	-6033.9
5359	10.0	144344.2	-6009.4	5449	10.0	145543.0	-6003.2	5539	5.3	150652.2	-6028.9
5360	10.0	144349.4	-6057.1	5450	10.8	145549.6	-6045.3	5540	10.0	150652.5	-6034.9
5361	9.7	144404.9	-6013.8	5451	10.0	145553.2	-6012.2	5541	8.2	150652.9	-6038.9
5362	9.5	144408.5	-6029.1	5452	10.5	145558.3	-6014.8	5542	10.0	150700.5	-6043.9
5363	10.0	144420.4	-6019.1	5453	9.7	145600.0	-6014.3	5543	10.0	150707.0	-6047.9
5364	9.6	144424.1	-6046.1	5454	9.3	145607.5	-6031.3	5544	9.8	150712.7	-6015.9
5365	9.9	144427.3	-6020.1	5455	9.8	145614.9	-6056.3	5545	9.8	150715.6	-6004.5
5366	10.0	144427.7	-6037.1	5456	10.3	145646.5	-6040.8	5546	9.6	150717.1	-6052.9
5367	9.8	144428.4	-6052.1	5457	10.5	145653.4	-6058.8	5547	9.2	150720.0	-6032.9
5368	9.6	144438.6	-6048.1	5458	10.3	145702.5	-6020.8	5548	9.9	150732.2	-6012.2
5369	9.5	144444.2	-6039.1	5459	10.8	145704.9	-6036.8	5549	10.0	150807.5	-6036.9
5370	9.3	144455.9	-6044.1	5460	10.8	145710.1	-6039.8	5550	10.0	150809.5	-6041.9
5371	10.0	144503.4	-6055.1	5461	10.8	145718.1	-6037.8	5551	9.8	150813.6	-6036.9
5372	9.5	144503.8	-6030.1	5462	9.8	145731.3	-6031.8	5552	10.3	150819.6	-6044.9
5373	7.6	144510.7	-6034.1	5463	8.9	145734.1	-6016.8	5553	9.9	150830.4	-6005.5
5374	10.0	144531.5	-6015.2	5464	9.6	145746.0	-6011.0	5554	9.6	150832.1	-6031.0
5375	8.5	144538.7	-6000.5	5465	10.5	145754.2	-6053.8	5555	10.3	150836.9	-6028.0
5376	9.6	144558.3	-6026.1	5466	7.3	145757.2	-6038.8	5556	9.8	150843.2	-6057.0
5377	9.9	144601.4	-6055.1	5467	9.8	145803.5	-6000.2	5557	10.0	150844.5	-6035.0
5378	7.1	144613.4	-6024.1	5468	10.8	145811.0	-6034.8	5558	10.0	150845.2	-6000.5
5379	9.4	144622.9	-6059.1	5469	10.0	145817.9	-6009.2	5559	6.0	150846.2	-6001.5
5380	7.7	144627.9	-6045.1	5470	10.3	145831.6	-6032.8	5560	9.7	150847.8	-6017.0
5381	9.9	144647.3	-6027.1	5471	9.6	145832.3	-6050.8	5561	9.5	150849.4	-6056.0
5382	10.0	144653.2	-6023.1	5472	10.0	145858.0	-6009.2	5562	9.6	150850.6	-6016.5
5383	10.0	144659.5	-6026.2	5473	11.0	145902.8	-6031.8	5563	9.2	150853.7	-6014.7
5384	9.9	144718.1	-6002.8	5474	9.8	145903.9	-6033.8	5564	9.7	150856.2	-6054.0
5385	9.7	144718.9	-6058.2	5475	9.2	145907.3	-6005.0	5565	10.0	150857.5	-6055.0
5386	9.9	144721.4	-6053.2	5476	10.8	145915.4	-6057.8	5566	9.9	150900.4	-6044.0
5387	9.6	144739.8	-6020.2	5477	9.3	145920.1	-6012.4	5567	9.3	150906.1	-6038.0
5388	10.0	144807.3	-6030.2	5478	10.0	145925.9	-6021.8	5568	10.0	150908.5	-6028.0
5389	8.4	144808.8	-6020.2	5479	9.7	145927.0	-6034.8	5569	9.7	150909.5	-6039.0
5390	9.2	144821.6	-6044.2	5480	10.5	145927.3	-6056.6	5570	10.0	150937.0	-6038.0
5391	9.2	144823.1	-6054.2	5481	9.6	145930.1	-6017.7	5571	9.3	150944.9	-6035.0
5392	10.0	144833.4	-6015.1	5482	9.7	145944.2	-6006.2	5572	10.5	150947.0	-6029.0
5393	10.0	144900.8	-6007.5	5483	8.3	145949.4	-6015.8	5573	7.9	150949.1	-6006.6
5394	9.9	144903.0	-6045.7	5484	10.0	145957.1	-6016.7	5574	10.0	150951.3	-6023.0
5395	9.5	144905.7	-6006.0	5485	9.5	150001.9	-6036.7	5575	9.9	150953.3	-6004.6
5396	10.0	144908.2	-6035.2	5486	10.0	150014.3	-6038.7	5576	9.9	150953.5	-6011.3
5397	9.5	144916.7	-6057.2	5487	10.0	150023.0	-6042.7	5577	10.0	151000.0	-6011.3
5398	11.0	144922.8	-6015.4	5488	10.0	150030.0	-6039.7	5578	10.5	151006.5	-6019.0
5399	8.3	144929.2	-6009.6	5489	10.8	150036.9	-6002.3	5579	10.0	151010.5	-6044.0
5400	11.0	144935.5	-6052.2	5490	6.8	150044.3	-6056.7	5580	10.0	151017.0	-6055.0
5401	9.7	144938.6	-6033.2	5491	9.9	150045.5	-6053.7	5581	10.0	151017.0	-6045.0
5402	10.0	145022.2	-6009.0	5492	9.9	150050.8	-6014.0	5582	9.8	151023.4	-6040.0
5403	9.7	145035.4	-6052.2	5493	9.9	150055.0	-6009.3	5583	9.7	151029.0	-6026.0
5404	11.0	145039.1	-6023.2	5494	11.0	150059.3	-6035.7	5584	10.0	151032.6	-6053.0
5405	11.0	145100.7	-6017.2	5495	9.3	150102.1	-6042.7	5585	10.0	151046.2	-6002.6
5406	11.5	145109.2	-6027.2	5496	8.8	150111.1	-6058.7	5586	10.3	151050.8	-6013.0
5407	9.3	145110.3	-6025.2	5497	11.0	150128.7	-6042.7	5587	9.4	151120.9	-6026.0
5408	10.5	145118.1	-6042.2	5498	10.8	150129.7	-6031.7	5588	10.0	151124.3	-6017.0
5409	11.0	145120.0	-6043.2	5499	9.7	150142.8	-6007.3	5589	10.5	151126.5	-6023.0
5410	10.5	145135.2	-6031.2	5500	10.8	150145.6	-6040.7	5590	10.0	151136.5	-6015.3
5411	9.5	145135.6	-6017.2	5501	10.5	150153.0	-6050.7	5591	10.0	151142.0	-6052.0
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5413	10.5	145156.7	-6030.3	5503	10.0	150214.6	-6037.7	5593	10.5	151146.8	-6055.1
5414	10.5	145211.7	-6029.3	5504	10.5	150214.6	-6026.7	5594	10.5	151154.3	-6055.1
5415	9.9	145214.1	-6012.2	5505	9.9	150224.2	-6042.7	5595	8.7	151201.1	-6059.1
5416	10.0	145216.4	-6006.1	5506	9.9	150227.8	-6022.8	5596	10.3	151201.1	-6030.1
5417	9.7	145218.6	-6018.3	5507	9.5	150236.8	-6002.3	5597	10.3	151205.2	-6058.1
5418	9.8	145222.4	-6011.2	5508	10.0	150238.2	-6043.8	5598	9.4	151207.7	-6028.1
5419	10.0	145223.7	-6038.3	5509	9.7	150252.9	-6019.8	5599	10.3	151209.0	-6032.1
5420	10.8	145226.9	-6014.7	5510	9.7	150311.6	-6032.8	5600	10.0	151218.0	-6044.1
5421	10.5	145232.5	-6011.3	5511	9.4	150321.2	-6028.8	5601	9.5	151233.8	-6050.1
5422	9.8	145232.9	-6055.3	5512	10.0	150323.0	-6038.8	5602	10.0	151247.2	-6004.6
5423	10.0	145238.3	-6026.3	5513	9.9	150324.2	-6001.4	5603	9.8	151256.7	-6037.1
5424	10.0	145249.6	-6007.1	5514	10.0	150331.5	-6033.8	5604	6.5	151304.1	-6012.3
5425	11.0	145251.2	-6033.3	5515	10.5	150348.1	-6051.8	5605	10.0	151322.0	-6020.1
5426	9.4	145325.2	-6006.1	5516	10.0	150353.0	-6031.8	5606	10.3	151324.6	-6017.1
5427	9.7	145332.4	-6014.7	5517	6.8	150353.1	-6052.8	5607	9.4	151329.7	-6005.6
5428	10.0	145347.7	-6009.1	5518	9.4	150353.2	-6001.4	5608	9.7	151339.7	-6022.1
5429	10.0	145404.9	-6059.3	5519	10.5	150420.1	-6013.8	5609	10.3	151341.1	-6028.1
5430	7.9	145407.6	-6019.3	5520	10.5	150441.5	-6015.8	5610	10.3	151352.1	-6040.1
5431	10.0	145412.4	-6058.3	5521	10.0	150443.5	-6006.4	5611	10.0	151418.5	-6007.7
5432	10.8	145415.2	-6032.3	5522	9.5	150449.1	-6052.8	5612	10.0	151418.5	-6008.7
5433	10.0	145419.2	-6005.1	5523	9.6	150450.0	-6011.4	5613	9.6	151420.5	-6037.1
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5435	9.5	145432.6	-6021.3	5525	11.0	150511.0	-6051.8	5615	10.0	151428.0	-6003.7
5436	10.8	145435.5	-6031.3	5526	11.0	150523.9	-6024.8	5616	9.3	151430.6	-6056.2
5617	9.8	151433.6	-6003.7								
5618	10.0	151446.3	-6012.4								
5619	9.0	151456.3	-6058.2								
5620	9.8	151456.3	-6018.2								
5621	10.5	151456.3	-6020.2								
5622	9.5	151509.7	-6013.4								
5623	9.7	151512.1	-6033.2								
5624	10.0	151531.3	-6050.2								
5625	10.0	151532.0	-6002.6								
5626	8.9	151551.4	-6051.2								
5627	8.7	151555.4	-6047.2								
5628	10.3	151610.7	-6030.2								
5629	10.0	151616.8	-6030.2								
5630	10.3	151629.4	-6035.2								
5631	9.6	151630.7	-6037.2								
5632	8.9	151633.6	-6011.7								
5633	10.0	151639.2	-6056.2								
5634	9.1	151640.6	-6048.2								
5635	9.8	151644.2	-6030.2								
5636	9.1	151655.6	-6000.7								
5637	9.8	151707.3	-6055.2								
5638	11.3	151718.5	-6005.5								
5639	9.7	151722.1	-6019.2								
5640	10.0	151743.5	-6033.3								
5641	10.0	151744.4	-6011.5								
5642	10.0	151746.7	-6057.3								
5643	10.0	151752.5	-6028.3								
5644	10.5	151758.5	-6013.1								
5645	9.6	151811.5	-6024.3								
5646	10.8	151817.5	-6003.7								
5647	10.0	151820.9	-6021.3								
5648	9.1	151833.9	-6016.5								
5649	8.8	151834.8	-6059.8								
5650	9.3	151837.6	-6022.3								
5651	10.0	151840.4	-6055.3								
5652	9.5	151844.1	-6052.3								
5653	10.0	151845.7	-6024.3								
5654	11.3	151848.3	-6002.8								
5655	10.0	151849.0	-6048.3								
5656	11.0	151906.2	-6000.8								
5657	10.0	151909.1	-6009.8								
5658	9.7	151914.1	-6025.3								
5659	9.5	151920.0	-6006.7								
5660	10.8	151928.0	-6012.1								
5661	11.0	151929.4	-5007.8								
5662	10.0	151934.0	-6043.3								
5663	9.9	151949.9	-6022.3								
5664	10.3	151952.0	-6012.3								
5665	10.5	151954.4	-6004.8								
5666	9.8	151954.9	-6022.3								
5667	10.0	151956.5	-6024.3								
5668	8.5	151959.6	-6003.8								
5669	10.0	152008.0	-6018.3								
5670	10.0	152011.1	-6054.3								
5671	9.7	152023.5	-6047.3								
5672	11.0	152025.5	-6004.8								
5673	9.8	152037.0	-6026.3								
5674	10.8	152043.9	-6031.4								
5675	9.7	152059.1	-6027.4								
5676	9.7	152106.3	-6052.4								
5677	8.9	152106.8	-6013.6								
5678	8.5	152107.4	-6026.4								
5679	9.6	152115.8	-6058.4								
5680	9.7	152125.4	-6043.4								
5681	10.5	152129.3	-6021.4								
5682	10.5	152147.6	-6059.6								
5683	8.9	152152.6	-6023.4								
5684	9.8	152152.6	-6040.4								
5685	10.3	152158.1	-6008.9								
5686	9.5	152207.9	-6006.9								
5687	10.0	152208.4	-6054.4								
5688	10.8	152241.7	-6015.5								
5689	10.0	152249.7	-6018.4								
5690	9.1	152252.3	-6028.4								
5691	7.0	152306.7	-6050.4								
5692	10.0	152312.5	-6038.0								
5693	9.9	152317.5	-6017.4								
5694	10.3	152331.8	-6014.7								
5695	10.3	152354.9	-6009.9								
5696	7.5	152356.9	-6022.5								
5697	11.0	152357.0	-6007.1								
5698	10.5	152357.0	-6055.5								
5699	9.5	152405.6	-6027.5								
5700	9.8	152411.8	-6059.5								
5701	10.0	152416.7	-6059.5								
5702	10.0	152417.6	-6045.5								
5703	9.7	152418.4	-6003.9								
5704	9.7	152429.0	-6003.0								
5705	10.0	152437.5	-6049.5								
5706	11.3	152438.0	-6006.0								

-60 5707 15h24m

-60 6066 15h56m

5707	10.0	152439.0	-6056.5	5797	10.0	153248.4	-6047.8	5887	9.7	154112.7	-6024.0
5708	10.0	152447.0	-6025.5	5798	9.7	153302.5	-6031.8	5888	11.0	154118.9	-6028.0
5709	10.0	152448.0	-6017.1	5799	8.7	153304.9	-6048.8	5889	9.9	154128.0	-6001.0
5710	10.5	152453.4	-6022.5	5800	9.5	153313.3	-6002.1	5890	10.0	154128.3	-6028.1
5711	10.0	152454.8	-6025.5	5801	9.6	153316.4	-6048.8	5891	10.0	154137.8	-6000.0
5712	9.9	152457.0	-6031.5	5802	9.9	153331.3	-6017.8	5892	10.0	154147.9	-6002.9
5713	11.0	152517.0	-6006.4	5803	10.0	153336.3	-6053.3	5893	10.5	154148.7	-6043.1
5714	8.7	152518.2	-6018.5	5804	9.9	153337.8	-6057.8	5894	10.5	154207.3	-6036.1
5715	9.6	152520.3	-6058.5	5805	9.3	153338.8	-6033.8	5895	10.0	154234.9	-6050.1
5716	9.7	152534.7	-6000.9	5806	9.5	153347.5	-6044.8	5896	8.9	154239.5	-6021.1
5717	9.3	152540.2	-6018.5	5807	10.0	153348.9	-6049.8	5897	10.5	154244.5	-6035.1
5718	10.3	152548.5	-6005.8	5808	9.4	153359.6	-6035.8	5898	8.5	154245.7	-6059.1
5719	10.0	152605.1	-6017.5	5809	10.0	153407.9	-6039.8	5899	9.4	154251.7	-6022.1
5720	10.0	152612.9	-6016.5	5810	10.0	153417.9	-6042.8	5900	9.8	154252.8	-6013.1
5721	10.0	152616.6	-6040.5	5811	10.3	153421.9	-6014.9	5901	9.8	154253.9	-6044.1
5722	10.0	152617.9	-6039.5	5812	10.0	153424.9	-6043.8	5902	10.5	154302.2	-6032.1
5723	8.6	152622.3	-6007.9	5813	10.0	153427.9	-6034.8	5903	10.3	154314.9	-6001.0
5724	9.7	152623.5	-6021.5	5814	10.0	153434.4	-6012.3	5904	10.0	154332.8	-6002.0
5725	8.9	152626.0	-6025.5	5815	7.5	153435.8	-6053.8	5905	9.7	154345.0	-6057.1
5726	10.0	152629.9	-6017.6	5816	10.5	153438.0	-6029.8	5906	10.0	154346.4	-6030.1
5727	10.0	152637.0	-6033.6	5817	10.0	153439.9	-6005.9	5907	10.0	154347.4	-6021.1
5728	10.0	152638.6	-6028.6	5818	10.0	153448.9	-6011.9	5908	10.0	154348.0	-6026.1
5729	10.0	152638.6	-6048.6	5819	10.0	153452.4	-6003.9	5909	9.8	154349.5	-6000.0
5730	10.3	152641.5	-6013.7	5820	10.0	153459.1	-6020.8	5910	10.0	154353.8	-6002.0
5731	10.8	152646.5	-6006.2	5821	10.5	153500.1	-6015.8	5911	9.7	154356.5	-6037.1
5732	9.9	152700.0	-6049.6	5822	10.5	153511.3	-6017.8	5912	9.3	154400.5	-6019.1
5733	9.8	152700.8	-6018.6	5823	10.0	153517.5	-6003.9	5913	10.5	154400.9	-6012.1
5734	10.3	152712.9	-6035.6	5824	10.5	153521.4	-6012.9	5914	10.0	154403.3	-6001.1
5735	9.8	152716.5	-6056.6	5825	11.0	153526.7	-6041.8	5915	9.6	154413.5	-6022.1
5736	10.5	152719.6	-6013.7	5826	11.5	153537.9	-6030.9	5916	10.0	154415.3	-6001.1
5737	9.9	152733.9	-6033.6	5827	11.0	153545.6	-6019.9	5917	9.8	154415.9	-6035.1
5738	11.0	152734.5	-6014.6	5828	10.3	153551.6	-6038.9	5918	8.5	154419.1	-6022.1
5739	9.8	152735.9	-6035.6	5829	10.0	153557.7	-6007.9	5919	8.7	154423.3	-6021.1
5740	9.9	152737.3	-6051.6	5830	10.0	153600.4	-6000.9	5920	9.4	154434.9	-6014.1
5741	11.0	152746.5	-6003.0	5831	10.5	153609.9	-6017.9	5921	9.7	154435.1	-6000.1
5742	9.6	152803.4	-6047.6	5832	9.5	153619.2	-6028.9	5922	10.3	154442.0	-6000.1
5743	9.5	152805.2	-6041.6	5833	10.5	153625.1	-6039.9	5923	11.0	154459.4	-6048.2
5744	10.0	152813.2	-6030.6	5834	9.5	153636.5	-6036.9	5924	11.0	154518.3	-6031.2
5745	10.3	152815.8	-6037.6	5835	10.0	153638.9	-6003.9	5925	9.7	154519.8	-6053.2
5746	10.5	152818.5	-6007.8	5836	10.0	153640.9	-6010.9	5926	11.0	154522.8	-6020.2
5747	10.0	152822.2	-6017.6	5837	11.0	153645.6	-6021.9	5927	10.5	154525.3	-6043.2
5748	10.8	152830.0	-6007.2	5838	10.0	153645.9	-6036.9	5928	9.8	154525.9	-6049.2
5749	9.9	152834.2	-6016.6	5839	10.5	153649.0	-6018.9	5929	9.5	154530.9	-6023.2
5750	10.0	152836.4	-6020.6	5840	10.5	153650.1	-6012.4	5930	6.0	154535.1	-6007.1
5751	9.7	152843.5	-6057.6	5841	10.0	153652.8	-6006.9	5931	10.0	154543.7	-6008.1
5752	9.8	152850.5	-6031.6	5842	10.5	153654.6	-6026.9	5932	10.5	154603.2	-6017.2
5753	10.0	152857.8	-6028.6	5843	10.0	153704.6	-6051.9	5933	10.0	154605.2	-6029.2
5754	10.8	152901.5	-6004.2	5844	11.0	153706.6	-6048.9	5934	9.7	154605.4	-6046.2
5755	9.8	152903.0	-6018.6	5845	10.0	153712.9	-6003.9	5935	11.0	154606.9	-6024.2
5756	9.9	152907.3	-6019.6	5846	10.0	153719.0	-6059.9	5936	9.7	154610.7	-6038.2
5757	10.3	152915.1	-6036.7	5847	10.0	153730.4	-6015.9	5937	11.0	154613.7	-6011.1
5758	10.0	152917.5	-6021.7	5848	8.6	153751.9	-6004.9	5938	10.8	154614.8	-6001.1
5759	10.0	152924.0	-6016.7	5849	8.7	153753.6	-6017.9	5939	9.9	154621.9	-6025.2
5760	9.5	152927.7	-6045.7	5850	10.0	153753.6	-6037.9	5940	9.7	154646.9	-6018.2
5761	10.0	152930.0	-6024.7	5851	9.6	153757.9	-6055.9	5941	9.4	154655.6	-6020.2
5762	10.5	152947.6	-6045.7	5852	10.0	153801.1	-6038.9	5942	9.7	154700.2	-6051.2
5763	10.5	152948.0	-6031.7	5853	11.0	153804.1	-6035.9	5943	10.3	154702.3	-6001.2
5764	10.0	152949.6	-6028.7	5854	9.8	153804.4	-6040.9	5944	11.0	154704.3	-6038.2
5765	9.8	153003.2	-6039.7	5855	10.5	153807.1	-6028.9	5945	10.5	154738.7	-6044.3
5766	9.7	153005.3	-6055.7	5856	10.0	153808.6	-6012.9	5946	10.0	154741.4	-6025.3
5767	9.8	153016.6	-6049.7	5857	11.0	153808.9	-6015.9	5947	10.0	154756.1	-6027.3
5768	11.0	153025.4	-6010.0	5858	10.0	153823.9	-6000.9	5948	10.5	154802.9	-6040.3
5769	10.0	153025.9	-6017.7	5859	10.5	153830.0	-6016.0	5949	9.8	154803.4	-6011.1
5770	8.3	153030.7	-6044.7	5860	9.7	153834.3	-6008.9	5950	8.3	154808.7	-6020.3
5771	9.5	153039.6	-6020.7	5861	11.0	153842.3	-6013.4	5951	9.8	154813.9	-6006.6
5772	9.3	153049.3	-6026.7	5862	10.5	153846.3	-6056.0	5952	9.7	154814.4	-6053.3
5773	9.7	153051.4	-6016.7	5863	10.0	153848.4	-6018.0	5953	9.8	154814.4	-6009.1
5774	11.3	153102.9	-6003.0	5864	10.0	153850.3	-6023.0	5954	10.0	154828.9	-6024.3
5775	11.0	153103.4	-6014.8	5865	10.5	153852.9	-6047.0	5955	10.0	154834.4	-6052.3
5776	10.5	153103.5	-6048.7	5866	9.6	153859.8	-6053.0	5956	10.3	154834.6	-6018.3
5777	10.5	153105.7	-6045.7	5867	9.7	153909.4	-6031.0	5957	11.0	154839.0	-6056.3
5778	11.5	153109.9	-6002.9	5868	9.8	153924.4	-6026.0	5958	10.5	154841.3	-6031.3
5779	9.8	153120.9	-6018.7	5869	10.0	153927.9	-6013.9	5959	9.0	154844.2	-6044.3
5780	9.5	153133.5	-6033.7	5870	10.0	153931.4	-6046.0	5960	10.5	154851.6	-6000.2
5781	9.7	153134.4	-6052.6	5871	10.5	153937.3	-6046.0	5961	9.6	154857.5	-6000.3
5782	10.5	153136.6	-6045.7	5872	10.5	153942.3	-6038.0	5962	9.7	154902.4	-6030.3
5783	11.0	153138.6	-6001.2	5873	10.5	153945.3	-6048.0	5963	9.7	154903.2	-6017.3
5784	10.8	153141.9	-6011.2	5874	10.0	154002.4	-6031.0	5964	10.0	154912.4	-6013.3
5785	11.0	153144.9	-6008.6	5875	10.5	154008.7	-6021.0	5965	10.3	154912.6	-6003.2
5786	10.5	153207.4	-6011.7	5876	9.7	154015.6	-6036.0	5966	10.0	154923.9	-6046.3
5787	10.3	153214.2	-6014.9	5877	10.0	154018.4	-6011.9	5967	10.5	154925.4	-6038.3
5788	11.0	153217.4	-6008.2	5878	9.5	154024.5	-6037.0	5968	9.7	154929.9	-6040.3
5789	10.3	153218.9	-6015.9	5879	10.0	154034.4	-6002.9	5969	9.7	154936.9	-6017.3
5790	9.7	153221.1	-6058.7	5880	9.7	154036.4	-6041.0	5970	10.0	154937.4	-6027.3
5791	10.5	153226.9	-6014.9	5881	9.6	154043.4	-6003.9	5971	10.0	154939.1	-6032.3
5792	9.8	153234.8	-6050.8	5882	10.5	154044.2	-6040.0	5972	9.6	154940.4	-6051.3
5793	10.0	153238.1	-6057.8	5883	10.0	154059.5	-6038.0	5973	10.5	154946.2	-6004.2
5794	9.7	153241.4	-6059.8	5884	10.0	154059.9	-6012.9	5974	9.6	154946.9	-6003.4
5795	9.8	153245.4	-6008.8	5885	10.0	154101.9	-6002.9	5975	9.6	154957.4	-6033.3
5796	9.8	153248.1	-6033.8	5886	9.6	154110.5	-6054.0	5976	7.9	154958.6	-6056.3
6037	10.0	155312.0	-6058.4								
6038	9.5	155313.4	-6006.9								
6039	8.9	155315.3	-6022.4								
6040	9.8	155318.5	-6028.5								
6041	11.0	155321.3	-6051.4								
6042	9.7	155323.5	-6048.2								
6043	10.0	155327.3	-6014.3								
6044	10.0	155328.0	-6011.4								
6045	10.5	155329.0	-6027.8								
6046	10.0	155333.5	-6028.8								
6047	10.0	155338.0	-6019.8								
6048	9.8	155339.1	-6002.7								
6049	10.0	155355.4	-6055.5								
6050	11.0	155359.5	-6002.4								
6051	10.5	155400.4	-6052.5								
6052	10.0	155416.0	-6019.1								
6053	11.0	155425.5	-6038.5								
6054	8.9	155427.7	-6048.5								
6055	10.0	155433.8	-6002.8								
6056	10.0	155438.0	-6006.3								
6057	11.0	155444.0	-6022.5								
6058	10.5	155450.0	-6018.5								
6059	10.5	155503.2	-6059.5								
6060	8.9	155512.9	-6040.5								
6061	9.3	155533.8	-6015.5								
6062	9.7	155535.5	-6027.5								
6063	10.5	155537.9	-6001.4								
6064	9.7	155547.5	-6003.4								
6065	9.7	155608.2	-6055.5								
6066	9.6	155608.2	-6054.6								

-60 6067 15h56m

-60 6426 16h34m

6067	10.0	155627.8	-6002.6	6157	9.3	160519.9	-6039.0	6247	10.5	161655.6	-6029.4
6068	8.6	155630.4	-6011.6	6158	10.0	160519.9	-6059.0	6248	7.9	161706.7	-6026.4
6069	7.9	155631.3	-6000.6	6159	10.3	160523.3	-6000.7	6249	9.0	161723.7	-6040.4
6070	10.0	155641.1	-6019.6	6160	10.8	160533.5	-6056.0	6250	8.8	161724.3	-6050.4
6071	10.3	155649.5	-6012.4	6161	9.4	160542.0	-6042.0	6251	10.8	161728.2	-6018.4
6072	9.1	155650.1	-6045.6	6162	9.5	160544.3	-6047.0	6252	10.5	161732.8	-6000.1
6073	10.3	155704.7	-6012.4	6163	9.8	160550.4	-6021.0	6253	9.2	161741.9	-6053.4
6074	10.3	155704.7	-6010.4	6164	9.5	160552.5	-6038.0	6254	9.6	161752.4	-6016.2
6075	10.0	155704.9	-6031.6	6165	8.8	160557.7	-6014.8	6255	10.8	161808.3	-6014.4
6076	8.5	155710.2	-6044.6	6166	10.3	160600.0	-6050.0	6256	9.2	161811.8	-6010.2
6077	10.0	155727.0	-6016.6	6167	8.3	160603.6	-6034.0	6257	9.2	161811.9	-6013.2
6078	10.0	155730.3	-6007.4	6168	10.3	160607.3	-6013.7	6258	10.0	161817.8	-6056.4
6079	10.8	155731.0	-6003.2	6169	9.8	160616.3	-6047.0	6259	10.0	161832.3	-6002.1
6080	10.5	155741.7	-6036.6	6170	10.5	160701.0	-6001.7	6260	10.5	161840.7	-6036.4
6081	10.0	155750.7	-6035.6	6171	10.5	160707.9	-6017.1	6261	10.3	161841.8	-6040.4
6082	9.7	155751.0	-6042.6	6172	10.5	160737.8	-6021.1	6262	10.0	161847.4	-6012.4
6083	10.0	155752.6	-6006.4	6173	9.6	160742.3	-6057.1	6263	10.5	161857.0	-6045.4
6084	9.7	155800.7	-6011.4	6174	10.5	160745.5	-6040.1	6264	8.2	161858.2	-6029.4
6085	10.5	155809.4	-6002.4	6175	9.5	160751.1	-6053.1	6265	10.5	161900.7	-6051.4
6086	10.0	155816.1	-6048.6	6176	10.5	160756.6	-6024.1	6266	10.0	161902.1	-6011.7
6087	10.0	155827.3	-6042.7	6177	10.3	160811.7	-6008.7	6267	10.5	161905.7	-6052.4
6088	10.0	155833.1	-6058.7	6178	9.2	160832.6	-6014.9	6268	9.7	161907.9	-6011.7
6089	9.4	155834.3	-6025.7	6179	10.0	160834.4	-6035.1	6269	9.2	161913.7	-6016.4
6090	10.3	155836.5	-6057.7	6180	9.8	160841.2	-6021.1	6270	10.8	161929.6	-6058.4
6091	9.3	155838.0	-6019.0	6181	9.7	160847.4	-6013.7	6271	10.0	161929.9	-6037.1
6092	9.6	155840.0	-6018.9	6182	9.7	160849.7	-6030.2	6272	10.0	161930.6	-6059.4
6093	10.3	155846.4	-6017.7	6183	8.7	160854.0	-6049.2	6273	8.4	161938.1	-6029.4
6094	10.0	155850.4	-6023.7	6184	10.3	160857.6	-6044.2	6274	9.6	161951.5	-6046.4
6095	10.0	155859.8	-6043.7	6185	10.3	160900.4	-6008.8	6275	10.0	161952.4	-6051.4
6096	10.5	155903.0	-6038.7	6186	8.5	160928.0	-6045.2	6276	9.7	161959.1	-6058.4
6097	10.0	155906.0	-6053.7	6187	10.3	160954.2	-6013.0	6277	10.5	162011.5	-6022.4
6098	10.5	155909.0	-6029.7	6188	10.5	161001.4	-6003.8	6278	10.3	162018.0	-6007.1
6099	9.7	155911.0	-6041.7	6189	10.3	161005.1	-6017.2	6279	10.5	162023.9	-6006.2
6100	10.5	155912.0	-6049.7	6190	9.8	161016.0	-6030.2	6280	10.3	162025.2	-6031.4
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6102	9.7	155925.0	-6011.5	6192	9.3	161025.9	-6009.5	6282	10.5	162030.6	-6051.4
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6105	11.0	155931.5	-6001.5	6195	10.5	161045.4	-6022.3	6285	9.5	162052.5	-6003.2
6106	10.0	155934.6	-6031.7	6196	9.6	161056.5	-6059.3	6286	10.5	162053.5	-6014.2
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6108	10.0	155940.5	-6007.5	6198	10.0	161104.7	-6051.3	6288	10.0	162054.4	-6002.2
6109	10.8	155946.8	-6037.7	6199	10.0	161106.3	-6020.3	6289	10.5	162102.5	-6010.3
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6111	9.0	155954.9	-6052.7	6201	9.7	161125.9	-6007.8	6291	10.0	162118.6	-6015.3
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6113	10.3	160000.9	-6034.7	6203	9.7	161136.3	-6057.3	6293	9.2	162127.0	-6036.5
6114	10.3	160008.0	-6017.7	6204	10.5	161139.9	-6011.8	6294	10.5	162139.8	-6005.2
6115	10.3	160013.9	-6016.7	6205	10.0	161153.1	-6021.3	6295	10.0	162145.4	-6012.2
6116	10.0	160017.9	-6053.7	6206	10.5	161203.1	-6015.9	6296	8.8	162146.3	-6021.5
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6118	9.3	160032.0	-6043.7	6208	10.0	161220.2	-6012.3	6298	10.5	162153.1	-6047.5
6119	10.3	160034.7	-6001.5	6209	10.5	161221.8	-6057.3	6299	10.5	162155.8	-6059.5
6120	10.5	160035.8	-6005.5	6210	10.3	161230.5	-6037.3	6300	10.5	162200.7	-6048.6
6121	9.6	160037.9	-6053.7	6211	10.5	161233.6	-6041.3	6301	8.3	162202.5	-6037.6
6122	9.4	160050.0	-6044.7	6212	10.5	161257.8	-6003.9	6302	10.0	162203.5	-6041.6
6123	10.0	160120.3	-6005.5	6213	10.5	161309.3	-6037.3	6303	9.7	162206.8	-6054.6
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6125	10.3	160144.0	-6013.7	6215	10.5	161338.1	-6001.9	6305	9.7	162216.4	-6025.6
6126	9.2	160152.3	-6006.5	6216	10.5	161338.9	-6002.9	6306	10.0	162218.9	-6004.2
6127	10.5	160219.5	-6056.8	6217	10.5	161348.7	-6047.3	6307	9.6	162230.4	-6041.6
6128	9.5	160222.8	-6022.8	6218	10.5	161349.2	-6052.3	6308	10.0	162233.2	-6005.2
6129	9.7	160243.0	-6033.8	6219	9.7	161401.2	-6057.3	6309	10.5	162236.4	-6024.6
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6136	10.5	160320.1	-6056.8	6226	11.0	161456.3	-6001.0	6316	10.8	162325.9	-6037.6
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6138	9.1	160347.7	-6027.9	6228	9.5	161503.7	-6036.3	6318	9.1	162342.7	-6059.6
6139	10.0	160352.7	-6040.9	6229	10.0	161518.6	-6018.4	6319	10.5	162348.4	-6029.6
6140	9.5	160357.5	-6057.9	6230	10.5	161524.0	-6051.4	6320	10.5	162349.6	-6040.6
6141	9.7	160403.5	-6026.9	6231	10.0	161524.4	-6010.7	6321	10.5	162409.2	-6024.6
6142	9.7	160404.4	-6023.9	6232	10.0	161529.9	-6002.0	6322	10.5	162418.0	-6011.9
6143	8.4	160414.5	-6056.9	6233	10.0	161536.6	-6031.4	6323	10.8	162424.1	-6013.2
6144	10.3	160420.0	-6004.6	6234	10.5	161539.3	-6048.4	6324	9.6	162425.0	-6034.7
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6146	10.8	160438.8	-6024.9	6236	10.0	161547.8	-6031.4	6326	9.5	162429.2	-6056.7
6147	9.1	160440.0	-6035.9	6237	9.2	161553.0	-6021.4	6327	11.0	162432.3	-6013.2
6148	10.0	160440.6	-6018.9	6238	10.5	161556.5	-6036.4	6328	10.0	162447.5	-6044.7
6149	10.0	160442.6	-6017.9	6239	10.5	161558.3	-6057.4	6329	11.0	162449.0	-6015.2
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6156	10.3	160509.8	-6020.0	6246	10.5	161641.9	-6052.4	6336	9.8	162528.1	-6040.7
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6346	9.5	162623.4	-6013.5								
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6369	10.5	162857.4	-6051.8								
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6378	10.5	162926.8	-6053.8								
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6384	8.9	163026.2	-6020.8								
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6386	10.0	163036.7	-6006.5								
6387	10.8	163038.5	-6045.8								
6388	9.7	163042.8	-6047.8								
6389	10.0	163055.5	-6018.8								
6390	9.4	163101.6	-6039.8								
6391	9.9	163103.9	-6033.8								
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6395	10.5	163127.9	-6049.8								
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6397	10.0	163137.2	-6029.9								
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6403	9.6	163213.6	-6022.9								
6404	10.0	163214.2	-6027.9								
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6413	9.9	163340.2	-6003.8								
6414	10.0	163350.7	-6039.9								
6415	8.6	163355.0	-6021.9								
6416	9.7	163356.0	-6040.9								
6417	10.0	163358.2	-6028.9								
6418	9.8	163401.7	-6041.9								
6419	9.4	163404.3	-6008.9								
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6426	10.0	163453.6	-6003.9								

6427	10.0	163504.6	-6036.9	6517	9.6	165048.7	-6058.4	6607	9.0	170509.1	-6054.8
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6434	8.5	163549.4	-6047.0	6524	10.0	165129.2	-6038.4	6614	10.0	170601.2	-6009.0
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6436	9.5	163642.8	-6007.9	6526	10.0	165157.7	-6009.5	6616	8.5	170606.6	-6008.0
6437	9.8	163651.2	-6042.8	6527	10.0	165201.5	-6007.5	6617	8.0	170618.1	-6041.8
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6444	8.9	163759.7	-6014.0	6534	10.0	165301.3	-6010.5	6624	8.7	170716.1	-6035.8
6445	9.7	163803.6	-6056.0	6535	10.0	165308.3	-6046.4	6625	8.5	170722.2	-6039.5
6446	9.5	163808.9	-6017.0	6536	10.0	165311.9	-6004.5	6626	9.7	170727.2	-6006.0
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6448	9.9	163832.2	-6045.0	6538	10.0	165320.3	-6000.5	6628	10.0	170739.2	-6007.0
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6450	10.0	163839.2	-6024.0	6540	9.6	165339.8	-6008.5	6630	9.7	170809.5	-6058.8
6451	9.6	163856.9	-6011.0	6541	9.8	165401.0	-6051.5	6631	9.6	170812.6	-6005.0
6452	9.5	163858.7	-6038.1	6542	10.0	165412.0	-6010.6	6632	10.0	170817.9	-6052.8
6453	9.5	163900.3	-6009.0	6543	9.9	165413.6	-6035.5	6633	10.0	170821.3	-6008.0
6454	9.8	163905.9	-6014.0	6544	8.2	165429.4	-6045.5	6634	9.5	170824.1	-6035.8
6455	10.0	163907.1	-6012.1	6545	10.0	165441.5	-6009.6	6635	10.0	170848.7	-6005.0
6456	9.2	163920.7	-6002.0	6546	7.2	165504.7	-6014.5	6636	9.8	170850.1	-6036.8
6457	9.5	163941.6	-6024.1	6547	10.0	165511.1	-6037.5	6637	10.0	170903.7	-6007.1
6458	9.4	163941.8	-6011.6	6548	10.0	165517.3	-6032.9	6638	9.8	170914.2	-6009.1
6459	9.6	163955.5	-6010.6	6549	9.8	165517.5	-6036.5	6639	10.0	170926.6	-6012.0
6460	10.0	164024.8	-6001.1	6550	10.0	165522.4	-6036.5	6640	9.6	170934.8	-6057.9
6461	9.4	164026.1	-6010.9	6551	9.2	165548.3	-6029.2	6641	9.7	170934.8	-6054.9
6462	9.8	164031.9	-6047.1	6552	9.9	165548.9	-6053.5	6642	10.0	170937.1	-6058.9
6463	8.3	164033.4	-6020.1	6553	9.9	165552.9	-6053.2	6643	8.0	170951.1	-6023.9
6464	9.8	164110.8	-6049.1	6554	10.0	165616.2	-6030.8	6644	10.0	170955.7	-6026.5
6465	9.5	164123.9	-6052.1	6555	10.0	165619.0	-6045.5	6645	9.4	171017.6	-6049.9
6466	8.0	164144.3	-6036.1	6556	9.1	165645.0	-6059.5	6646	10.0	171045.6	-6001.1
6467	9.8	164148.9	-6030.1	6557	9.8	165646.6	-6000.6	6647	9.1	171058.3	-6047.9
6468	10.0	164200.0	-6007.1	6558	10.0	165648.5	-6030.5	6648	9.6	171108.2	-6052.9
6469	8.8	164204.6	-6045.6	6559	8.5	165657.4	-6034.5	6649	9.5	171128.3	-6052.9
6470	9.3	164226.4	-6037.2	6560	10.0	165706.5	-6019.5	6650	9.9	171128.4	-6044.9
6471	9.8	164232.0	-6001.1	6561	9.2	165708.3	-6040.0	6651	10.0	171142.2	-6001.2
6472	10.0	164243.9	-6027.2	6562	9.7	165716.4	-6033.5	6652	9.8	171159.5	-6029.9
6473	10.0	164258.3	-6055.2	6563	9.8	165722.5	-6017.5	6653	9.3	171214.3	-6025.9
6474	8.7	164259.8	-6025.2	6564	9.6	165724.4	-6033.5	6654	9.5	171220.5	-6055.9
6475	9.8	164324.4	-6042.2	6565	9.8	165731.7	-6058.5	6655	9.8	171222.1	-6004.2
6476	10.0	164338.1	-6002.2	6566	9.8	165734.6	-6024.5	6656	9.2	171234.1	-6048.5
6477	10.0	164338.8	-6045.2	6567	9.5	165734.7	-6048.0	6657	10.0	171249.7	-6005.2
6478	9.5	164348.7	-6050.2	6568	9.1	165738.7	-6053.8	6658	10.0	171253.3	-6005.2
6479	9.8	164357.8	-6006.2	6569	10.0	165806.0	-6003.7	6659	9.0	171300.4	-6013.1
6480	9.9	164405.2	-6002.2	6570	7.7	165813.8	-6026.6	6660	6.5	171303.1	-6032.9
6481	10.0	164420.4	-6011.2	6571	9.7	165817.4	-6048.6	6661	9.0	171314.1	-6017.0
6482	10.0	164424.3	-6002.2	6572	8.4	165822.9	-6056.6	6662	9.4	171334.2	-6054.0
6483	7.3	164428.1	-6028.2	6573	9.8	165835.0	-6038.4	6663	10.0	171353.3	-6015.2
6484	9.6	164443.2	-6032.2	6574	9.5	165848.5	-6047.6	6664	9.7	171359.2	-6044.0
6485	9.7	164459.7	-6043.2	6575	9.5	165854.2	-6037.1	6665	9.7	171415.6	-6032.0
6486	9.7	164518.7	-6002.2	6576	7.6	165857.7	-6034.6	6666	9.8	171428.5	-6020.0
6487	9.8	164534.8	-6006.2	6577	10.0	165913.6	-6006.7	6667	9.2	171429.0	-6001.2
6488	9.6	164540.4	-6019.3	6578	9.2	165942.5	-6011.7	6668	10.0	171508.3	-6054.0
6489	8.3	164541.8	-6045.3	6579	10.0	165945.1	-6055.6	6669	9.8	171519.8	-6015.3
6490	9.4	164547.7	-6012.3	6580	8.8	165951.6	-6027.1	6670	8.5	171527.8	-6012.1
6491	9.5	164555.5	-6031.3	6581	9.2	170002.7	-6003.8	6671	9.6	171530.1	-6057.0
6492	10.0	164616.2	-6007.3	6582	9.6	170023.6	-6052.6	6672	10.0	171552.0	-6058.5
6493	7.2	164623.2	-6023.3	6583	10.0	170027.1	-6029.1	6673	8.7	171605.0	-6008.0
6494	10.0	164627.9	-6001.3	6584	10.0	170030.9	-6027.6	6674	10.0	171617.1	-6000.3
6495	10.0	164629.5	-6009.3	6585	10.0	170117.5	-6013.8	6675	9.6	171625.4	-6059.0
6496	9.3	164630.5	-6054.3	6586	10.0	170119.0	-6010.8	6676	9.8	171631.3	-6053.0
6497	9.5	164636.6	-6029.3	6587	9.6	170125.3	-6043.7	6677	9.4	171631.4	-6049.0
6498	9.9	164712.2	-6046.3	6588	10.0	170126.7	-6045.7	6678	9.9	171635.7	-6007.3
6499	10.0	164716.5	-6009.3	6589	10.0	170129.5	-6056.7	6679	10.0	171638.4	-6024.0
6500	8.6	164721.5	-6030.3	6590	9.2	170148.3	-6007.8	6680	9.9	171656.9	-6043.1
6501	10.0	164733.2	-6016.3	6591	10.0	170216.2	-6015.8	6681	10.0	171658.2	-6041.1
6502	10.0	164800.6	-6008.3	6592	7.8	170219.6	-6021.1	6682	9.8	171703.7	-6006.3
6503	10.0	164845.0	-6046.3	6593	9.2	170241.3	-6042.7	6683	9.9	171711.6	-6059.9
6504	9.4	164849.9	-6058.3	6594	9.0	170256.6	-6059.7	6684	10.0	171717.8	-6003.3
6505	9.7	164856.8	-6033.3	6595	9.9	170258.6	-6005.9	6685	7.8	171729.6	-6017.1
6506	9.5	164900.0	-6042.3	6596	9.2	170319.5	-6023.7	6686	9.5	171755.2	-6008.0
6507	10.0	164901.0	-6001.4	6597	9.6	170325.5	-6045.7	6687	8.3	171757.5	-6031.1
6508	9.7	164902.0	-6038.3	6598	10.0	170336.9	-6007.9	6688	9.8	171803.2	-6057.1
6509	9.8	164902.4	-6013.4	6599	10.0	170338.7	-6011.9	6689	9.7	171808.9	-6054.1
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6697	10.3	172032.0	-6001.5								
6698	10.0	172045.1	-6000.5								
6699	9.8	172046.9	-6025.1								
6700	10.0	172053.0	-6019.1								
6701	10.0	172058.0	-6021.6								
6702	9.2	172105.4	-6036.1								
6703	10.0	172113.7	-6003.5								
6704	10.0	172117.0	-6010.5								
6705	10.0	172128.1	-6027.2								
6706	10.0	172207.4	-6030.2								
6707	9.6	172208.8	-6048.6								
6708	9.1	172209.2	-6007.5								
6709	9.6	172228.1	-6025.2								
6710	10.0	172234.4	-6028.2								
6711	10.0	172239.5	-6000.5								
6712	10.0	172251.3	-6041.5								
6713	10.0	172252.1	-6005.5								
6714	10.0	172259.8	-6043.2								
6715	9.8	172322.8	-6035.2								
6716	9.8	172322.9	-6011.2								
6717	9.7	172323.3	-6015.0								
6718	9.5	172325.7	-6023.0								
6719	9.8	172336.8	-6000.6								
6720	9.6	172342.4	-6042.2								
6721	9.5	172415.0	-6024.2								
6722	9.7	172441.8	-6031.2								
6723	9.2	172447.3	-6012.4								
6724	9.8	172528.1	-6021.3								
6725	9.7	172529.8	-6048.3								
6726	9.8	172549.8	-6011.6								
6727	10.0	172552.2	-6006.6								
6728	9.7	172607.6	-6002.7								
6729	10.0	172616.6	-6031.3								
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6731	9.8	172645.4	-6032.9								
6732	9.4	172647.6	-6005.7								
6733	10.0	172703.1	-6005.7								
6734	9.4	172718.4	-6028.6								
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6736	10.0	172727.8	-6008.7								
6737	9.6	172732.4	-6029.3								
6738	8.2	172742.0	-6051.5								
6739	9.9	172744.9	-6000.7								
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6745	9.7	172843 8	-6057.6								
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6748	9.9	172900.3	-6049.8								
6749	10.0	172901.3	-6002.7								
6750	8.7	172931.9	-6005.8								
6751	10.0	172934.4	-6033.9								
6752	9.9	172952.4	-6011.2								
6753	9.9	173000.3	-6058.1								
6754	10.0	173006.2	-6054.8								
6755	9.4	173026.6	-6017.0								
6756	9.2	173030.6	-6022.0								
6757	9.1	173058.1	-6013.6								
6758	9.7	173106.6	-6029.6								
6759	9.8	173114.9	-6020.1								
6760	10.0	173116.0	-6012.8								
6761	9.9	173128.2	-6030.6								
6762	9.0	173128.6	-6033.5								
6763	9.8	173146.7	-6033.0								
6764	9.5	173149.0	-6056.0								
6765	9.7	173159.1	-6048.2								
6766	8.6	173205.9	-6004.5								
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6768	9.8	173214.2	-6044.1								
6769	8.5	173223.2	-6000.9								
6770	10.0	173232.5	-6039.1								
6771	10.0	173245.8	-6047.6								
6772	9.8	173325.6	-6047.8								
6773	9.1	173343.7	-6011.6								
6774	8.8	173347.2	-6027.2								
6775	9.2	173349.0	-6041.7								
6776	8.7	173359.9	-6007.9								
6777	10.0	173441.4	-6023.2								
6778	10.0	173501.5	-6026.7								
6779	8.7	173503.1	-6045.6								
6780	9.4	173505.7	-6011.9								
6781	9.6	173530.0	-6049.0								
6782	9.4	173537.2	-6053.0								
6783	9.6	173541.1	-6044.0								
6784	7.7	173559.4	-6012.1								
6785	9.0	173600.7	-6025.4								
6786	10.0	173640.9	-6045.9								

6787	9.8	173650.6	-6054.4	6877	9.7	180854.6	-6044.9	6967	9.3	182717.6	-6018.0	7057	9.8	184543.4	-6048.7
6788	9.9	173655.3	-6053.7	6878	9.7	180922.9	-6013.8	6968	10.0	182729.5	-6000.3	7058	9.8	184551.0	-6046.7
6789	9.9	173659.6	-6032.0	6879	9.8	180942.1	-6013.9	6969	8.9	182743.2	-6042.0	7059	9.6	184606.7	-6025.7
6790	9.0	173702.6	-6036.6	6880	9.4	181003.0	-6054.9	6970	9.8	182810.2	-6007.4	7060	9.7	184608.7	-6057.7
6791	9.9	173707.9	-6030.7	6881	9.6	181011.4	-6039.1	6971	10.3	182818.2	-6038.1	7061	10.0	184644.8	-6015.4
6792	9.2	173723.1	-6038.1	6882	9.1	181034.5	-6003.1	6972	10.3	182821.9	-6044.1	7062	9.7	184650.5	-6018.7
6793	8.9	173752.8	-6028.9	6883	7.0	181143.3	-6048.2	6973	10.0	182902.7	-6035.1	7063	10.0	184654.0	-6033.7
6794	9.9	173816.4	-6014.1	6884	10.0	181203.0	-6017.5	6974	10.5	182907.3	-6020.1	7064	9.9	184710.7	-6012.1
6795	9.8	173826.2	-6018.3	6885	10.0	181236.4	-6010.6	6975	10.0	182908.2	-6048.1	7065	9.0	184720.0	-6052.7
6796	9.9	173844.2	-6033.3	6886	9.7	181243.8	-6006.2	6976	10.0	182916.3	-6012.2	7066	10.0	184725.9	-6000.4
6797	9.8	173939.3	-6033.2	6887	10.5	181251.3	-6043.6	6977	10.0	182921.5	-6049.1	7067	9.6	184726.6	-6045.7
6798	10.0	173944.8	-6003.2	6888	8.7	181304.6	-6010.9	6978	9.7	182932.7	-6039.1	7068	6.2	184730.1	-6021.7
6799	9.5	174016.5	-6041.3	6889	9.5	181319.7	-6045.6	6979	9.3	182947.7	-6001.5	7069	10.0	184839.5	-6032.8
6800	6.7	174020.8	-6007.4	6890	9.5	181320.6	-6026.6	6980	9.0	182953.1	-6003.5	7070	9.6	184843.5	-6025.8
6801	9.5	174031.0	-6023.6	6891	8.5	181420.6	-6009.9	6981	10.0	182953.3	-6020.1	7071	9.3	184903.5	-6024.8
6802	9.6	174035.9	-6058.3	6892	9.3	181422.4	-6049.6	6982	8.7	183001.8	-6025.1	7072	7.6	184904.3	-6021.8
6803	8.8	174047.0	-6021.0	6893	10.0	181456.9	-6007.6	6983	10.0	183001.8	-6014.1	7073	10.0	184916.2	-6010.5
6804	8.9	174110.3	-6047.1	6894	10.5	181456.9	-6054.6	6984	10.5	183003.7	-6034.1	7074	9.1	184923.9	-6004.5
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6807	9.7	174201.3	-6006.2	6897	9.7	181534.7	-6036.7	6987	10.0	183031.5	-6045.1	7077	9.8	184944.4	-6050.8
6808	9.1	174211.2	-6026.8	6898	10.0	181549.1	-6012.7	6988	10.0	183041.3	-6017.1	7078	9.7	184947.0	-6000.5
6809	9.5	174312.8	-6053.1	6899	10.0	181551.1	-6033.7	6989	9.6	183045.2	-6053.1	7079	9.5	184950.6	-6047.3
6810	9.5	174325.8	-6044.4	6900	10.3	181643.2	-6037.7	6990	10.0	183047.4	-6039.2	7080	9.8	184952.8	-6045.8
6811	9.0	174329.1	-6012.4	6901	9.7	181649.4	-6049.7	6991	10.0	183053.9	-6001.5	7081	9.4	185003.6	-6023.8
6812	8.7	174340.9	-6013.9	6902	10.5	181658.1	-6033.7	6992	10.0	183057.1	-6056.2	7082	10.0	185020.0	-6008.6
6813	9.8	174342.4	-6054.9	6903	9.8	181707.3	-6030.7	6993	8.4	183104.1	-6012.4	7083	9.5	185034.2	-6045.8
6814	9.2	174354.1	-6007.8	6904	8.3	181709.8	-6018.7	6994	9.7	183107.3	-6056.2	7084	9.8	185043.0	-6045.8
6815	9.6	174359.9	-6029.8	6905	10.5	181721.9	-6049.7	6995	10.3	183114.9	-6038.2	7085	9.6	185048.3	-6010.2
6816	9.5	174524.2	-6048.1	6906	8.0	181730.0	-6040.7	6996	9.8	183121.8	-6055.2	7086	10.0	185113.5	-6014.6
6817	9.8	174532.0	-6029.4	6907	9.6	181735.9	-6044.7	6997	9.7	183157.3	-6056.2	7087	9.5	185114.9	-6045.8
6818	9.8	174540.4	-6038.5	6908	10.5	181744.6	-6027.7	6998	9.4	183202.2	-6053.2	7088	9.6	185128.2	-6016.9
6819	8.2	174542.8	-6018.1	6909	10.0	181747.5	-6003.6	6999	9.8	183217.7	-6018.2	7089	9.3	185138.6	-6026.9
6820	9.6	174640.4	-6032.4	6910	10.3	181747.9	-6019.7	7000	10.0	183221.1	-6023.2	7090	9.8	185154.0	-6040.9
6821	8.6	174716.8	-6039.3	6911	10.5	181810.4	-6040.7	7001	9.6	183228.9	-6041.2	7091	9.8	185158.2	-6043.4
6822	9.7	174726.0	-6053.6	6912	9.9	181813.3	-6024.7	7002	9.5	183253.1	-6002.6	7092	9.5	185200.9	-6016.9
6823	9.7	174747.4	-6010.2	6913	10.0	181817.2	-6013.7	7003	9.5	183317.4	-6021.2	7093	9.5	185237.9	-6000.6
6824	9.8	174759.5	-6016.4	6914	9.7	181821.4	-6046.7	7004	10.0	183318.4	-6020.2	7094	10.0	185314.6	-6003.7
6825	9.6	174803.8	-6041.8	6915	9.5	181844.1	-6008.1	7005	9.8	183319.7	-6001.6	7095	9.5	185316.4	-6024.9
6826	9.6	174809.8	-6026.6	6916	9.6	181848.3	-6035.8	7006	9.8	183327.3	-6046.3	7096	9.8	185322.2	-6028.9
6827	9.6	174827.7	-6033.6	6917	8.8	181850.0	-6044.8	7007	9.2	183331.2	-6013.4	7097	10.0	185327.4	-6003.7
6828	9.7	174900.8	-6048.4	6918	9.8	181853.9	-6044.8	7008	9.5	183356.9	-6025.3	7098	9.6	185340.7	-6031.9
6829	9.7	174920.5	-6034.7	6919	9.3	181940.3	-6003.7	7009	9.8	183401.8	-6037.3	7099	9.4	185347.8	-6044.9
6830	9.5	174927.3	-6020.7	6920	9.9	182005.1	-6057.8	7010	9.5	183404.1	-6014.5	7100	9.6	185401.7	-6033.9
6831	9.3	174928.5	-6011.0	6921	9.7	182038.6	-6050.8	7011	10.0	183412.4	-6039.3	7101	9.2	185420.9	-6053.9
6832	9.4	174937.2	-6038.8	6922	9.5	182042.7	-6006.8	7012	9.8	183435.3	-6036.3	7102	9.1	185453.6	-6017.1
6833	9.2	174953.6	-6045.5	6923	9.2	182044.0	-6001.8	7013	9.8	183439.6	-6022.3	7103	9.8	185510.5	-6048.0
6834	9.6	175056.4	-6009.7	6924	9.7	182050.5	-6058.8	7014	9.7	183455.6	-6039.3	7104	10.0	185511.0	-6047.6
6835	9.7	175101.4	-6039.0	6925	9.7	182052.1	-6034.8	7015	9.9	183520.1	-6049.3	7105	9.6	185529.5	-6016.0
6836	7.7	175107.5	-6008.0	6926	9.6	182106.7	-6019.8	7016	9.4	183551.6	-6011.5	7106	9.6	185535.9	-6016.0
6837	9.9	175116.6	-6048.8	6927	9.5	182109.0	-6004.9	7017	9.1	183551.6	-6014.0	7107	9.3	185636.2	-6005.8
6838	8.2	175154.6	-6009.6	6928	10.0	182115.9	-6058.8	7018	8.0	183609.8	-6030.3	7108	9.5	185636.2	-6020.0
6839	8.8	175159.5	-6013.5	6929	9.9	182144.7	-6015.9	7019	9.2	183620.2	-6005.7	7109	9.5	185646.0	-6048.0
6840	9.5	175301.0	-6039.1	6930	8.9	182156.4	-6013.9	7020	10.0	183632.5	-6049.4	7110	9.9	185658.5	-6010.9
6841	9.2	175409.9	-6007.6	6931	9.0	182200.9	-6016.9	7021	9.8	183638.6	-6025.4	7111	9.9	185717.3	-6010.4
6842	9.5	175438.5	-6010.7	6932	9.2	182208.5	-6018.9	7022	9.7	183647.5	-6012.7	7112	10.0	185718.9	-6004.9
6843	9.5	175438.5	-6018.5	6933	9.7	182209.6	-6029.9	7023	9.8	183648.6	-6045.4	7113	10.0	185719.7	-6010.9
6844	9.4	175439.1	-6009.7	6934	10.3	182214.1	-6040.9	7024	9.2	183649.5	-6039.4	7114	9.6	185720.4	-6021.1
6845	9.6	175502.2	-6054.4	6935	9.7	182217.3	-6042.9	7025	9.7	183707.7	-6048.4	7115	8.6	185732.5	-6041.1
6846	9.8	175504.2	-6012.8	6936	9.8	182220.0	-6008.0	7026	9.8	183715.8	-6050.5	7116	10.0	185746.2	-6010.9
6847	8.4	175506.8	-6032.2	6937	9.5	182246.7	-6007.9	7027	10.0	183723.0	-6005.8	7117	9.4	185811.8	-6034.6
6848	9.7	175517.0	-6012.8	6938	10.0	182303.7	-6012.9	7028	8.4	183741.7	-6024.0	7118	9.6	185819.8	-6012.1
6849	9.1	175620.8	-6004.1	6939	9.4	182318.6	-6039.9	7029	9.5	183824.8	-6022.4	7119	9.6	185820.0	-6010.9
6850	10.0	175630.5	-6052.5	6940	10.5	182346.1	-6056.9	7030	9.8	183827.8	-6010.6	7120	9.3	185825.9	-6005.9
6851	9.4	175656.4	-6022.2	6941	9.3	182350.9	-6033.9	7031	10.0	183847.8	-6040.4	7121	9.8	185836.6	-6033.5
6852	9.3	175717.8	-6006.3	6942	8.6	182355.1	-6018.9	7032	9.7	183850.4	-6013.6	7122	9.9	185910.0	-6006.0
6853	9.4	175748.5	-6019.9	6943	10.0	182403.9	-6015.9	7033	8.9	183850.8	-6023.4	7123	7.6	185934.7	-6014.1
6854	9.6	175802.4	-6053.8	6944	9.6	182404.9	-6050.9	7034	9.1	183925.9	-6031.2	7124	9.9	185945.5	-6010.0
6855	9.2	175807.2	-6023.1	6945	9.3	182416.6	-6041.9	7035	9.3	183927.4	-6039.5	7125	20.0	185950.1	-6010.7
6856	9.6	175832.4	-6053.8	6946	10.5	182417.6	-6021.9	7036	9.5	184014.8	-6031.8	7126	8.4	185951.3	-6028.1
6857	9.8	175901.1	-6039.4	6947	9.8	182418.2	-6024.9	7037	9.5	184016.2	-6023.1	7127	10.0	190028.2	-6007.0
6858	9.4	175909.0	-6027.9	6948	9.0	182419.4	-6055.9	7038	9.8	184030.8	-6041.5	7128	9.6	190038.7	-6017.2
6859	8.9	175920.7	-6007.8	6949	10.5	182419.4	-6034.9	7039	9.8	184048.1	-6030.5	7129	9.7	190059.5	-6056.2
6860	9.2	175958.9	-6022.2	6950	9.9	182428.6	-6025.0	7040	10.0	184050.1	-6017.5	7130	9.8	190106.1	-6053.2
6861	8.6	180021.2	-6025.8	6951	9.5	182435.6	-6051.0	7041	9.6	184114.2	-6020.5	7131	9.8	190106.1	-6035.2
6862	9.6	180034.1	-6039.9	6952	8.0	182442.3	-6028.0	7042	8.5	184128.2	-6021.9	7132	9.6	190257.9	-6021.2
6863	8.2	180049.6	-6003.0	6953	9.8	182451.1	-6013.0	7043	10.0	184142.7	-6032.5	7133	10.0	190258.9	-6006.2
6864	8.6	180052.1	-6009.4	6954	8.7	182457.7	-6010.1	7044	9.8	184214.8	-6054.5	7134	8.6	190307.0	-6008.2
6865	7.5	180153.3	-6009.9	6955	8.7	182542.0	-6005.0	7045	10.0	184222.8	-6037.6	7135	10.0	190348.7	-6008.2
6866	9.6	180200.5	-6048.8	6956	10.0	182601.3	-6047.0	7046	9.8	184312.0	-6008.4	7136	9.8	190406.1	-6015.3
6867	9.8	180204.8	-6023.4	6957	8.6	182606.4	-6052.0	7047	8.0	184313.8	-6045.6	7137	9.8	190427.6	-6056.3
6868	9.2	180316.7	-6047.8	6958	10.5	182608.7	-6042.0	7048	9.6	184340.2	-6021.0	7138	9.6	190441.9	-6027.6
6869	9.3	180331.6	-6002.1	6959	10.5	182610.5	-6050.0	7049	9.8	184347.1	-6031.6	7139	9.1	190501.5	-6059.3
6870	9.2	180346.8	-6024.5	6960	8.5	182621.5	-6035.0	7050	9.5	184429.0	-6034.6	7140	9.8	190502.1	-6009.3
6871	9.5	180352.8	-6036.1	6961	10.5	182638.3	-6020.0	7051	9.5	184433.0	-6001.0	7141	9.8	190540.2	-6032.3
6872	9.0	180424.2	-6041.4	6962	9.7	182655.0	-6044.0	7052	9.2	184433.9	-6003.0	7142	9.8	190552.5	-6030.3
6873	9.8	180427.4	-6044.3	6963	8.7	182700.0	-6036.0	7053	9.2	184439.8	-6033.6	7143	9.6	190602.2	-6031.3
6874	9.5	180540.2	-6038.2	6964	9.8	182709.5	-6000.3	7054	10.0	184511.7	-6010.3	7144	9.8	190607.8	-6015.3
6875	9.9	180542.0	-6003.6	6965	9.2	182715.1	-6019.0	7055	10.0	184529.2	-6039.7	7145	9.7	190623.1	-6059.3
6876	9.8	180847.3	-6038.8	6966	9.1	182717.0	-6019.0	7056	9.3	184536.4	-6040.7	7146	10.0	190642.1	-6011.3

-60 7147 19h06m

-60 7506 20h29m

7147	9.7	190658.4	-6051.4	7237	10.0	193018.2	-6022.8	7327	9.5	195311.0	-6054.6
7148	10.0	190733.4	-6008.4	7238	10.0	193018.3	-6003.5	7328	10.0	195329.1	-6030.7
7149	9.8	190736.7	-6059.4	7239	10.0	193022.1	-6013.5	7329	10.0	195350.1	-6020.7
7150	10.0	190745.3	-6000.4	7240	10.0	193031.3	-6059.8	7330	10.0	195403.6	-6036.7
7151	9.9	190827.4	-6013.0	7241	10.0	193139.7	-6006.6	7331	9.6	195420.6	-6035.7
7152	9.3	190849.9	-6014.4	7242	10.0	193152.3	-6029.9	7332	10.0	195422.7	-6026.7
7153	9.9	190851.6	-6024.4	7243	9.8	193208.5	-6019.9	7333	10.0	195451.2	-6047.7
7154	9.6	190922.8	-6059.5	7244	10.0	193220.5	-6028.9	7334	9.5	195517.3	-6025.7
7155	9.8	191026.9	-6030.5	7245	10.0	193246.6	-6034.0	7335	10.0	195531.3	-6004.0
7156	10.0	191033.8	-6012.5	7246	10.0	193309.2	-6020.0	7336	9.7	195545.8	-6055.7
7157	9.8	191055.7	-6021.5	7247	10.0	193312.6	-6014.3	7337	10.0	195554.5	-6011.0
7158	9.5	191100.4	-6056.5	7248	9.2	193325.5	-6044.0	7338	10.0	195601.4	-6009.0
7159	10.0	191107.8	-6010.5	7249	10.0	193408.8	-6052.0	7339	9.2	195607.3	-6012.8
7160	9.8	191202.8	-6031.5	7250	10.0	193417.8	-6058.0	7340	7.8	195607.8	-6042.7
7161	9.9	191210.6	-6027.7	7251	10.0	193421.4	-6036.0	7341	10.0	195629.0	-6008.0
7162	10.0	191218.8	-6006.6	7252	10.0	193422.8	-6059.0	7342	10.0	195635.4	-6008.0
7163	10.0	191219.6	-6000.6	7253	9.9	193428.2	-6047.0	7343	9.7	195648.4	-6049.7
7164	9.8	191228.5	-6017.7	7254	10.0	193445.9	-6027.0	7344	10.0	195658.9	-6057.7
7165	9.3	191238.2	-6030.2	7255	9.4	193459.5	-6059.0	7345	10.0	195702.9	-6058.8
7166	9.0	191257.6	-6011.9	7256	9.7	193502.0	-6017.0	7346	9.1	195725.5	-6041.8
7167	9.9	191305.0	-6056.6	7257	9.4	193503.4	-6035.0	7347	10.0	195734.1	-6021.8
7168	9.8	191309.8	-6014.7	7258	9.1	193514.6	-6024.0	7348	9.8	195753.9	-6030.8
7169	9.9	191316.3	-6049.6	7259	9.6	193519.9	-6053.1	7349	9.3	195813.6	-6009.4
7170	9.8	191330.3	-6024.4	7260	10.0	193606.5	-6040.1	7350	8.6	195814.6	-6022.8
7171	10.0	191332.0	-6008.7	7261	10.0	193628.9	-6057.1	7351	9.1	195814.8	-6010.4
7172	9.9	191349.2	-6015.1	7262	9.9	193701.0	-6057.1	7352	9.6	195835.6	-6029.8
7173	10.0	191401.5	-6008.7	7263	9.8	193722.3	-6019.1	7353	9.9	195836.2	-6059.8
7174	10.0	191420.3	-6000.7	7264	10.0	193735.2	-6010.9	7354	9.8	195852.2	-6056.8
7175	9.1	191452.2	-6039.6	7265	10.0	193801.5	-6046.1	7355	9.8	195854.1	-6004.1
7176	9.1	191457.8	-6055.6	7266	10.0	193804.4	-6007.9	7356	9.8	195856.3	-6057.8
7177	10.0	191505.2	-6011.8	7267	9.8	193844.1	-6027.2	7357	10.0	195913.7	-6033.8
7178	9.6	191528.1	-6012.4	7268	9.9	193856.2	-6012.5	7358	10.0	195913.7	-6015.8
7179	9.4	191533.0	-6045.6	7269	8.6	193859.6	-6043.2	7359	10.0	195950.0	-6025.8
7180	10.0	191624.3	-6030.2	7270	9.7	193906.2	-6053.2	7360	10.0	195953.7	-6057.9
7181	10.0	191626.6	-6006.8	7271	8.6	193932.1	-6042.2	7361	10.0	200028.1	-6032.9
7182	9.9	191642.0	-6014.4	7272	8.7	193934.2	-6002.0	7362	10.0	200030.1	-6025.9
7183	8.3	191643.9	-6009.3	7273	10.0	193950.7	-6015.2	7363	10.0	200047.4	-6053.9
7184	9.5	191707.3	-6030.7	7274	10.0	193953.6	-6016.0	7364	10.0	200053.6	-6052.9
7185	10.0	191730.8	-6013.9	7275	10.0	194018.3	-6016.2	7365	9.9	200102.3	-6012.0
7186	10.0	191737.0	-6006.9	7276	9.6	194045.4	-6030.2	7366	9.2	200107.4	-6049.9
7187	9.3	191739.5	-6034.0	7277	10.0	194058.4	-6038.2	7367	8.1	200113.4	-6017.9
7188	10.0	191740.0	-6002.9	7278	9.7	194102.7	-6013.6	7368	9.7	200130.6	-6013.0
7189	10.0	191743.4	-6000.9	7279	10.0	194106.8	-6036.3	7369	9.9	200141.3	-6011.5
7190	10.0	191905.8	-6010.0	7280	10.0	194110.6	-6027.3	7370	10.5	200201.5	-6002.2
7191	9.9	191937.8	-6036.8	7281	9.3	194114.5	-6057.3	7371	10.0	200204.8	-6047.9
7192	10.0	191946.1	-6013.0	7282	9.2	194127.6	-6028.3	7372	8.8	200215.2	-6036.9
7193	9.6	192018.2	-6046.8	7283	9.2	194157.2	-6025.3	7373	9.8	200218.7	-6051.0
7194	9.8	192039.9	-6005.1	7284	9.3	194228.5	-6034.3	7374	10.0	200252.6	-6017.0
7195	7.3	192114.9	-6031.6	7285	10.0	194229.7	-6051.3	7375	11.0	200425.3	-6005.3
7196	10.0	192136.3	-6016.1	7286	10.0	194243.5	-6038.3	7376	10.0	200437.4	-6058.0
7197	9.8	192156.1	-6033.9	7287	10.0	194312.8	-6039.3	7377	8.7	200442.7	-6058.0
7198	9.9	192201.3	-6015.1	7288	10.0	194315.1	-6004.0	7378	10.8	200444.5	-6037.0
7199	10.0	192243.4	-6016.1	7289	9.9	194327.0	-6056.3	7379	10.3	200448.5	-6038.0
7200	9.4	192253.3	-6053.9	7290	9.9	194329.8	-6018.5	7380	11.0	200450.3	-6003.3
7201	9.8	192303.7	-6030.9	7291	10.0	194337.2	-6039.3	7381	10.8	200508.8	-6046.0
7202	8.9	192325.1	-6023.6	7292	10.0	194340.2	-6016.3	7382	9.8	200511.3	-6018.0
7203	10.0	192333.6	-6041.6	7293	9.4	194410.6	-6043.4	7383	10.3	200531.4	-6029.1
7204	9.6	192353.4	-6038.6	7294	10.0	194420.6	-6002.0	7384	10.5	200549.6	-6037.1
7205	10.0	192414.3	-6005.2	7295	9.2	194425.4	-6011.2	7385	9.6	200606.8	-6004.4
7206	10.0	192423.8	-6020.6	7296	10.0	194428.0	-6010.0	7386	10.3	200612.5	-6026.1
7207	10.0	192430.6	-6045.6	7297	10.0	194533.9	-6046.4	7387	9.8	200613.8	-6003.4
7208	9.9	192446.4	-6013.4	7298	9.7	194540.7	-6050.4	7388	10.0	200616.6	-6055.1
7209	10.0	192518.2	-6001.3	7299	10.0	194554.0	-6059.4	7389	7.8	200629.3	-6000.4
7210	10.0	192522.2	-6036.7	7300	10.0	194602.0	-6043.4	7390	9.8	200637.8	-6003.4
7211	9.3	192525.4	-6044.7	7301	9.8	194617.4	-6038.4	7391	10.8	200646.5	-6041.1
7212	10.0	192540.3	-6054.7	7302	10.0	194619.0	-6014.4	7392	11.0	200701.3	-6038.1
7213	9.8	192553.9	-6033.7	7303	10.0	194656.6	-6029.4	7393	10.5	200712.6	-6022.1
7214	10.0	192613.6	-6057.7	7304	8.0	194715.0	-6055.4	7394	9.9	200717.2	-6009.4
7215	9.8	192639.3	-6036.7	7305	10.0	194729.9	-6021.4	7395	10.5	200748.3	-6000.4
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7867	10.5	220408.1	-6002.1	7957	7.9	223904.5	-6044.0	8047	9.8	231104.3	-6026.2
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7901	10.5	221438.6	-6029.1	7991	10.3	225229.3	-6043.9	8081	11.5	232600.8	-6008.4
7902	10.5	221449.8	-6049.1	7992	10.0	225243.3	-6039.9	8082	8.5	232629.3	-6036.4
7903	10.8	221548.4	-6036.1	7993	10.5	225244.4	-6013.9	8083	9.3	232651.9	-6010.9
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7906	10.0	221645.0	-6025.2	7996	10.0	225422.1	-6048.0	8086	10.0	232700.3	-6016.4
7907	10.5	221707.3	-6025.2	7997	9.0	225422.7	-6008.3	8087	9.5	232725.2	-6028.4
7908	10.5	221721.5	-6055.2	7998	10.3	225446.4	-6036.0	8088	9.6	232755.4	-6012.4
7909	10.8	221752.2	-6027.2	7999	10.5	225447.1	-6045.0	8089	9.5	232940.9	-6023.4
7910	10.8	221810.2	-6053.2	8000	10.5	225501.0	-6007.3	8090	10.0	232948.6	-6006.4
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7924	9.5	222641.2	-6019.0	8014	11.0	230013.8	-6012.7	8104	11.0	233349.4	-6013.4
7925	9.8	222700.5	-6021.3	8015	10.5	230023.4	-6018.1	8105	10.5	233359.6	-6009.4
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47	10.0	01449.9	-6146.9								
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58	11.0	01823.0	-6111.9								

59	10.5	01844.2 -6120.9	149	10.5	05029.2 -6148.9	239	10.8	11803.6 -6129.5	329	11.0	15113.7 -6101.8
60	11.0	01910.7 -6110.9	150	10.0	05038.0 -6142.9	240	8.5	11812.1 -6132.5	330	10.8	15121.3 -6120.1
61	10.5	01920.4 -6148.9	151	11.0	05054.3 -6119.9	241	9.2	11828.6 -6142.5	331	10.8	15135.7 -6114.1
62	11.0	01932.4 -6152.9	152	10.0	05124.7 -6109.9	242	11.0	11848.7 -6103.5	332	6.4	15146.8 -6128.5
63	11.3	01940.4 -6119.9	153	8.4	05129.9 -6114.9	243	9.9	11911.2 -6153.5	333	10.5	15157.8 -6150.3
64	11.0	01951.1 -6151.9	154	10.3	05200.3 -6130.9	244	7.8	11918.3 -6116.5	334	9.6	15200.0 -6126.8
65	9.6	02001.5 -6112.9	155	10.8	05300.3 -6143.9	245	9.7	11928.4 -6123.5	335	11.0	15203.0 -6134.1
66	10.5	02004.9 -6130.9	156	6.5	05309.9 -6121.9	246	9.5	11930.6 -6145.5	336	10.8	15248.7 -6153.5
67	10.5	02041.9 -6109.9	157	8.8	05324.4 -6126.8	247	11.0	11938.8 -6129.5	337	10.8	15311.9 -6117.5
68	11.0	02048.5 -6149.9	158	9.8	05353.9 -6106.8	248	11.0	11944.6 -6113.5	338	8.6	15318.0 -6119.5
69	10.5	02058.1 -6113.9	159	9.2	05354.7 -6154.8	249	9.7	12023.8 -6105.0	339	11.0	15403.6 -6120.5
70	9.5	02132.1 -6146.9	160	9.6	05359.3 -6106.8	250	10.8	12100.0 -6111.4	340	10.3	15420.2 -6142.5
71	10.0	02132.1 -6148.9	161	11.0	05433.9 -6138.8	251	10.5	12129.3 -6131.4	341	10.3	15428.0 -6133.5
72	10.5	02137.2 -6113.9	162	9.8	05440.0 -6132.8	252	10.8	12144.2 -6126.4	342	10.8	15429.6 -6146.5
73	9.0	02215.2 -6142.9	163	9.3	05440.0 -6159.8	253	9.8	12204.0 -6157.4	343	10.8	15448.7 -6119.5
74	11.5	02216.2 -6100.7	164	9.6	05523.6 -6121.8	254	9.2	12231.8 -6115.4	344	10.8	15501.5 -6123.5
75	11.0	02244.4 -6111.9	165	9.9	05532.7 -6155.8	255	9.5	12235.1 -6135.4	345	8.9	15519.6 -6107.0
76	9.0	02259.7 -6128.9	166	11.0	05557.6 -6113.8	256	9.9	12257.2 -6109.4	346	9.6	15550.5 -6147.4
77	11.0	02312.0 -6137.9	167	7.2	05610.0 -6131.8	257	10.5	12328.5 -6108.4	347	10.8	15552.8 -6128.4
78	10.5	02410.6 -6129.9	168	9.0	05614.5 -6158.8	258	11.0	12334.3 -6139.4	348	10.5	15559.8 -6127.4
79	10.5	02432.4 -6108.9	169	10.8	05626.5 -6146.8	259	8.9	12407.0 -6136.4	349	9.9	15600.7 -6137.4
80	10.8	02444.8 -6142.9	170	10.3	05631.0 -6101.8	260	10.3	12412.1 -6134.4	350	9.8	15623.2 -6108.0
81	9.9	02525.6 -6142.9	171	9.0	05633.7 -6130.8	261	11.0	12422.1 -6158.4	351	10.8	15628.4 -6157.4
82	10.5	02544.1 -6138.9	172	11.0	05659.1 -6122.8	262	8.7	12429.1 -6143.4	352	11.0	15653.6 -6112.4
83	10.3	02547.5 -6137.9	173	10.5	05808.2 -6153.8	263	9.5	12505.8 -6139.4	353	9.6	15739.6 -6119.4
84	9.0	02605.2 -6137.9	174	11.0	05835.7 -6111.8	264	8.4	12507.7 -6152.4	354	8.6	15744.7 -6129.4
85	9.1	02629.8 -6131.9	175	8.8	05841.8 -6108.2	265	9.5	12509.8 -6110.3	355	8.8	15808.1 -6118.4
86	9.0	02641.9 -6121.9	176	11.0	05843.4 -6130.8	266	8.0	12526.3 -6103.3	356	9.2	15820.7 -6112.4
87	11.0	02706.4 -6107.9	177	10.8	05917.2 -6141.8	267	10.0	12616.2 -6100.3	357	11.3	15918.7 -6117.3
88	9.1	02722.4 -6105.9	178	9.1	05924.8 -6108.8	268	10.5	12623.6 -6136.4	358	9.8	15926.1 -6120.3
89	9.7	02734.3 -6105.7	179	9.4	10003.2 -6129.7	269	11.0	12703.3 -6119.4	359	9.8	15944.6 -6134.3
90	11.0	02735.4 -6149.9	180	9.2	10011.2 -6130.7	270	10.5	12706.6 -6137.4	360	10.5	20021.8 -6139.3
91	7.8	02749.6 -6149.9	181	9.5	10014.2 -6104.7	271	7.3	12711.0 -6153.4	361	9.1	20045.2 -6113.3
92	10.0	02816.8 -6109.9	182	9.0	10036.9 -6123.7	272	10.8	12711.5 -6105.3	362	9.3	20115.1 -6124.3
93	10.0	02822.3 -6100.7	183	11.0	10104.6 -6111.7	273	10.0	12746.2 -6103.3	363	10.0	20212.4 -6129.3
94	9.7	02829.5 -6101.7	184	10.5	10124.7 -6128.7	274	11.0	12915.8 -6102.3	364	10.5	20239.3 -6130.3
95	11.0	02928.6 -6143.9	185	8.4	10125.4 -6149.3	275	8.4	12939.3 -6152.3	365	11.0	20242.7 -6146.2
96	9.0	03051.9 -6143.9	186	9.7	10154.0 -6135.7	276	10.8	12940.6 -6118.3	366	10.3	20311.7 -6106.4
97	11.0	03128.6 -6136.9	187	10.5	10225.3 -6156.7	277	10.5	13009.9 -6152.3	367	7.1	20323.8 -6134.2
98	9.4	03218.4 -6119.9	188	10.0	10239.3 -6115.7	278	9.1	13101.0 -6159.3	368	10.5	20331.0 -6110.2
99	10.5	03253.2 -6140.9	189	10.8	10250.0 -6109.7	279	9.2	13106.5 -6123.3	369	9.3	20351.2 -6130.2
100	8.4	03436.9 -6146.8	190	9.7	10320.6 -6135.7	280	7.6	13120.2 -6136.3	370	11.0	20354.8 -6159.2
101	10.5	03453.0 -6131.9	191	10.5	10345.5 -6104.7	281	9.8	13138.9 -6111.3	371	10.0	20422.9 -6128.2
102	10.5	03534.2 -6111.9	192	8.5	10348.8 -6116.7	282	9.5	13143.6 -6142.3	372	9.4	20503.1 -6103.5
103	10.5	03534.2 -6158.9	193	10.8	10353.3 -6127.7	283	10.5	13143.8 -6107.2	373	9.9	20531.8 -6143.2
104	9.4	03554.4 -6140.9	194	9.8	10424.6 -6143.7	284	10.8	13238.1 -6155.3	374	10.8	20552.8 -6151.1
105	10.8	03603.6 -6139.9	195	11.0	10513.1 -6133.7	285	7.5	13330.6 -6108.8	375	11.3	20605.5 -6111.1
106	10.3	03610.0 -6101.9	196	11.0	10516.3 -6100.7	286	11.5	13505.8 -6156.3	376	11.0	20611.6 -6140.1
107	9.1	03614.4 -6146.9	197	10.5	10523.3 -6133.7	287	10.5	13521.8 -6136.3	377	9.9	20619.6 -6151.1
108	10.5	03642.8 -6128.9	198	10.8	10538.0 -6123.7	288	7.9	13605.6 -6138.3	378	8.8	20625.8 -6121.1
109	10.8	03755.9 -6145.9	199	10.8	10622.5 -6114.7	289	10.5	13607.3 -6118.3	379	7.7	20633.7 -6141.1
110	9.4	03806.9 -6121.9	200	10.3	10625.8 -6138.7	290	9.0	13607.8 -6100.1	380	9.6	20649.6 -6147.1
111	9.9	03838.0 -6122.9	201	11.0	10644.1 -6120.7	291	10.0	13614.2 -6155.3	381	8.8	20700.4 -6144.1
112	10.0	03944.7 -6103.9	202	11.0	10644.4 -6144.7	292	11.0	13621.9 -6141.3	382	10.8	20721.6 -6133.1
113	9.2	03959.9 -6103.9	203	11.0	10650.1 -6115.6	293	6.2	13732.0 -6125.3	383	9.9	20752.8 -6144.1
114	10.0	04021.9 -6103.4	204	8.5	10708.2 -6153.6	294	9.6	13737.0 -6104.1	384	9.3	20801.7 -6132.1
115	9.4	04028.1 -6124.9	205	9.6	10721.0 -6132.6	295	9.7	13812.8 -6110.2	385	9.4	20851.2 -6127.0
116	9.3	04052.6 -6112.9	206	10.3	10736.1 -6132.6	296	8.3	13854.8 -6159.9	386	9.4	20852.0 -6148.0
117	10.0	04107.3 -6108.9	207	10.5	10751.9 -6146.6	297	10.0	13916.1 -6103.1	387	11.0	20859.7 -6118.0
118	10.5	04153.3 -6159.9	208	9.5	10804.2 -6159.6	298	9.3	13926.4 -6114.2	388	10.0	20959.5 -6127.0
119	11.0	04220.5 -6157.9	209	10.0	10822.4 -6150.6	299	10.5	13947.7 -6109.2	389	11.0	21002.9 -6152.0
120	11.0	04227.0 -6130.9	210	9.8	10825.4 -6151.6	300	10.8	13948.5 -6131.2	390	11.0	21007.1 -6118.0
121	10.8	04243.5 -6123.9	211	7.9	10913.3 -6139.6	301	10.3	13958.7 -6120.2	391	11.0	21027.2 -6106.0
122	10.5	04255.7 -6159.9	212	11.0	10944.6 -6106.6	302	10.3	14012.8 -6155.2	392	9.3	21035.5 -6111.0
123	7.7	04328.2 -6103.4	213	11.0	11013.3 -6146.6	303	11.0	14018.7 -6149.2	393	11.0	21058.7 -6115.9
124	9.0	04341.4 -6143.9	214	10.8	11032.6 -6122.6	304	7.0	14020.1 -6138.2	394	9.5	21125.4 -6117.9
125	11.0	04351.4 -6143.9	215	11.0	11038.3 -6103.7	305	9.9	14038.0 -6153.2	395	10.5	21146.1 -6104.2
126	9.4	04419.6 -6149.9	216	11.0	11040.1 -6139.6	306	8.1	14055.6 -6101.1	396	11.0	21253.6 -6132.9
127	10.8	04429.0 -6108.9	217	10.8	11057.5 -6111.6	307	10.0	14059.6 -6125.2	397	10.5	21405.2 -6124.8
128	10.0	04447.1 -6108.8	218	9.5	11114.4 -6149.6	308	9.3	14116.9 -6112.2	398	10.0	21409.7 -6133.8
129	10.8	04508.9 -6116.9	219	10.8	11131.4 -6139.6	309	10.8	14138.5 -6156.2	399	11.0	21432.9 -6157.8
130	9.2	04512.5 -6109.9	220	11.3	11139.5 -6148.6	310	11.0	14214.0 -6100.0	400	10.0	21453.4 -6114.8
131	9.0	04514.5 -6102.8	221	11.3	11143.5 -6153.6	311	10.8	14233.8 -6107.1	401	10.5	21502.3 -6107.8
132	11.5	04530.7 -6106.8	222	11.0	11201.0 -6101.7	312	10.3	14252.1 -6111.2	402	10.0	21506.1 -6146.8
133	8.9	04535.5 -6111.9	223	9.7	11228.8 -6141.6	313	10.0	14312.9 -6136.2	403	10.0	21510.4 -6129.8
134	9.4	04605.9 -6106.9	224	9.3	11242.6 -6134.6	314	10.8	14336.6 -6128.2	404	9.7	21513.0 -6125.8
135	10.8	04639.4 -6118.9	225	9.0	11318.5 -6109.6	315	10.8	14344.2 -6147.2	405	9.9	21515.7 -6140.8
136	11.0	04700.4 -6148.9	226	11.0	11325.0 -6126.6	316	9.7	14439.4 -6133.2	406	9.9	21522.4 -6120.8
137	11.0	04710.8 -6153.9	227	11.0	11326.8 -6122.6	317	10.5	14449.6 -6118.2	407	11.5	21532.5 -6116.8
138	8.1	04743.4 -6145.9	228	10.8	11353.7 -6144.5	318	9.0	14607.6 -6138.2	408	11.3	21550.2 -6139.8
139	11.0	04817.0 -6118.9	229	10.8	11404.3 -6116.5	319	11.0	14656.5 -6149.2	409	10.0	21614.0 -6117.8
140	9.5	04821.8 -6156.9	230	10.8	11419.7 -6136.5	320	10.8	14657.8 -6126.2	410	9.6	21638.0 -6155.8
141	10.8	04836.8 -6140.9	231	10.5	11438.2 -6124.5	321	9.6	14910.5 -6124.1	411	8.0	21642.7 -6114.8
142	11.0	04836.8 -6145.9	232	9.4	11500.7 -6130.5	322	9.5	14927.7 -6102.8	412	9.8	21715.9 -6116.7
143	11.0	04853.2 -6101.8	233	9.8	11515.8 -6138.5	323	10.8	14939.2 -6123.1	413	10.0	21728.1 -6123.7
144	11.0	04901.8 -6150.9	234	10.5	11524.6 -6145.5	324	10.5	15005.8 -6132.1	414	10.3	21734.1 -6154.7
145	10.5	04914.2 -6109.8	235	11.0	11543.8 -6137.5	325	10.0	15014.4 -6143.1	415	10.0	21743.1 -6113.7
146	9.4	04919.1 -6150.9	236	9.1	11550.0 -6158.5	326	9.6	15029.9 -6112.1	416	9.8	21744.1 -6115.7
147	8.7	04934.1 -6124.9	237	7.7	11742.0 -6159.5	327	10.5	15038.9 -6114.1	417	9.0	21745.7 -6146.7
148	10.8	05014.4 -6140.9	238	8.2	11746.8 -6139.5	328	9.6	15046.0 -6126.1	418	8.5	21802.5 -6100.3

-61 419 2h18m

-61 778 4h05m

419	9.9	21807.0	-6156.7	509	9.5	24655.0	-6104.9	599	10.5	31337.4	-6105.7
420	9.1	21918.0	-6157.7	510	9.6	24659.3	-6144.9	600	11.0	31339.8	-6116.9
421	9.7	21934.1	-6137.7	511	10.0	24715.2	-6148.9	601	10.5	31340.8	-6106.2
422	10.5	21949.5	-6108.7	512	8.7	24803.5	-6124.8	602	10.5	31347.6	-6155.9
423	9.7	22023.4	-6138.6	513	10.8	24808.7	-6122.8	603	10.5	31349.2	-6156.9
424	10.5	22025.2	-6153.6	514	9.8	24842.9	-6117.8	604	11.3	31354.8	-6137.9
425	9.3	22228.7	-6148.6	515	9.6	24906.1	-6124.8	605	10.8	31439.6	-6150.8
426	11.0	22238.5	-6125.6	516	9.9	24911.1	-6132.8	606	11.5	31458.0	-6113.8
427	9.4	22401.2	-6130.5	517	10.8	25015.8	-6141.8	607	10.5	31511.3	-6139.8
428	11.0	22403.7	-6126.5	518	10.5	25035.8	-6122.8	608	8.3	31519.9	-6129.8
429	10.8	22429.6	-6120.5	519	10.5	25041.8	-6117.8	609	11.3	31525.3	-6140.8
430	9.3	22435.4	-6118.5	520	10.8	25107.8	-6134.7	610	10.8	31643.6	-6105.5
431	8.5	22459.1	-6152.5	521	8.7	25117.6	-6138.7	611	9.6	31644.1	-6119.8
432	10.5	22517.8	-6133.5	522	10.5	25120.6	-6155.7	612	10.8	31646.3	-6116.8
433	11.0	22549.6	-6150.5	523	10.8	25137.6	-6146.7	613	11.0	31719.0	-6123.8
434	8.2	22552.7	-6128.5	524	10.5	25201.7	-6144.7	614	11.0	31728.8	-6106.5
435	11.0	22602.9	-6143.5	525	10.5	25212.6	-6107.7	615	11.0	31828.5	-6100.5
436	10.5	22618.4	-6110.5	526	10.5	25222.2	-6152.7	616	11.0	31829.8	-6105.8
437	10.5	22704.9	-6100.6	527	9.3	25248.5	-6106.9	617	8.1	31858.6	-6156.8
438	11.0	22715.8	-6113.4	528	8.1	25252.5	-6158.7	618	9.8	31913.7	-6139.8
439	11.0	22723.5	-6145.4	529	10.8	25305.4	-6151.7	619	11.5	31914.2	-6100.4
440	11.0	22818.8	-6138.4	530	9.7	25316.2	-6153.7	620	9.1	31929.8	-6125.8
441	9.5	22821.9	-6139.4	531	9.5	25336.4	-6141.7	621	11.3	31949.0	-6148.8
442	10.5	22828.3	-6114.4	532	8.3	25357.6	-6105.9	622	11.0	32002.7	-6126.7
443	10.8	22845.5	-6132.4	533	10.5	25415.9	-6152.6	623	10.8	32008.2	-6134.7
444	10.8	22912.3	-6121.4	534	9.3	25419.7	-6139.6	624	11.0	32105.3	-6129.7
445	9.6	22916.0	-6104.6	535	10.0	25430.2	-6121.6	625	9.6	32110.1	-6105.6
446	11.0	22927.8	-6133.4	536	9.6	25441.3	-6116.6	626	9.7	32125.2	-6158.7
447	10.8	22943.1	-6119.3	537	10.5	25458.9	-6117.6	627	10.0	32211.7	-6107.7
448	10.8	22959.1	-6116.3	538	10.5	25459.9	-6118.6	628	11.5	32247.4	-6100.3
449	10.0	22959.8	-6113.3	539	10.8	25521.0	-6147.6	629	11.0	32314.3	-6108.3
450	10.0	23027.8	-6128.3	540	9.2	25523.4	-6134.6	630	9.4	32330.7	-6111.7
451	6.8	23033.0	-6131.3	541	10.8	25528.0	-6110.8	631	10.0	32408.7	-6139.7
452	10.5	23051.4	-6122.3	542	10.5	25539.5	-6101.0	632	7.9	32452.6	-6141.8
453	10.0	23112.0	-6143.3	543	10.5	25542.5	-6128.6	633	9.6	32452.6	-6137.4
454	11.0	23115.0	-6120.3	544	9.9	25622.2	-6125.6	634	9.9	32453.9	-6154.7
455	10.0	23115.0	-6105.3	545	9.0	25631.7	-6123.6	635	11.0	32521.0	-6109.0
456	10.0	23116.0	-6154.3	546	11.0	25640.8	-6115.6	636	9.4	32606.8	-6134.0
457	9.8	23117.5	-6107.6	547	10.0	25649.7	-6159.6	637	10.8	32610.4	-6134.0
458	8.7	23132.7	-6136.3	548	10.0	25751.4	-6141.5	638	10.5	32612.4	-6118.0
459	8.1	23201.6	-6122.3	549	10.3	25800.3	-6110.5	639	10.5	32615.6	-6107.1
460	10.3	23229.2	-6140.3	550	10.0	25803.0	-6127.5	640	8.3	32615.6	-6137.0
461	10.5	23245.7	-6120.3	551	10.3	25810.1	-6107.5	641	11.0	32659.9	-6125.0
462	10.0	23249.3	-6153.3	552	9.7	25821.7	-6125.5	642	11.0	32722.9	-6106.9
463	10.5	23302.2	-6105.6	553	10.3	25826.1	-6117.5	643	11.5	32752.4	-6150.9
464	10.5	23352.3	-6140.2	554	10.5	25836.6	-6109.0	644	11.0	32757.4	-6108.0
465	10.8	23420.1	-6129.2	555	10.8	25852.8	-6101.0	645	10.3	32904.3	-6101.2
466	10.8	23423.7	-6139.2	556	10.3	25854.1	-6142.5	646	9.7	32922.7	-6130.8
467	10.5	23430.7	-6109.0	557	10.5	25915.3	-6107.4	647	11.0	32924.2	-6133.8
468	9.8	23457.6	-6158.2	558	10.0	25920.7	-6156.4	648	9.6	32943.7	-6116.8
469	9.9	23512.4	-6111.2	559	10.5	25936.6	-6109.0	649	11.3	33001.2	-6116.8
470	8.2	23523.8	-6155.2	560	10.0	25952.2	-6147.4	650	11.0	33003.1	-6132.8
471	10.5	23535.4	-6150.2	561	10.8	25952.8	-6101.0	651	7.7	33015.4	-6100.1
472	10.0	23559.6	-6153.2	562	10.0	25958.1	-6139.4	652	7.6	33025.4	-6148.8
473	7.8	23602.9	-6105.1	563	9.0	30005.6	-6115.4	653	6.5	33028.9	-6125.8
474	10.5	23609.4	-6101.0	564	9.1	30006.5	-6105.2	654	11.0	33030.7	-6130.8
475	10.8	23618.2	-6136.2	565	7.4	30006.6	-6117.4	655	9.5	33102.7	-6127.8
476	9.1	23655.5	-6153.2	566	9.3	30021.6	-6103.5	656	11.0	33113.8	-6155.8
477	9.0	23738.9	-6117.1	567	8.0	30101.6	-6119.4	657	11.3	33146.5	-6106.7
478	10.0	23746.6	-6153.1	568	8.1	30122.1	-6131.4	658	9.7	33150.8	-6155.7
479	10.3	23808.7	-6148.1	569	8.8	30135.4	-6159.3	659	10.8	33152.8	-6143.7
480	10.3	23810.2	-6136.1	570	10.0	30135.4	-6122.3	660	11.0	33156.4	-6147.7
481	10.5	23823.9	-6149.1	571	10.0	30159.3	-6125.3	661	11.0	33258.6	-6108.7
482	10.3	23854.0	-6153.1	572	10.0	30210.3	-6134.3	662	11.0	33320.2	-6105.7
483	11.0	23902.5	-6132.1	573	10.5	30309.3	-6117.3	663	7.2	33346.0	-6157.7
484	10.0	23904.2	-6103.0	574	10.3	30313.5	-6139.3	664	9.8	33355.5	-6102.0
485	9.6	23953.6	-6104.6	575	10.5	30331.3	-6103.6	665	10.8	33356.2	-6140.7
486	10.5	24007.9	-6123.1	576	10.5	30343.5	-6113.3	666	9.3	33406.8	-6153.7
487	10.5	24028.9	-6158.1	577	9.9	30349.6	-6132.3	667	11.0	33451.0	-6106.7
488	10.5	24028.9	-6128.1	578	10.8	30405.4	-6100.9	668	11.0	33500.8	-6142.6
489	10.5	24109.5	-6122.0	579	10.5	30411.9	-6101.9	669	10.8	33508.8	-6133.6
490	9.0	24144.4	-6115.0	580	7.5	30526.8	-6137.6	670	11.5	33516.5	-6122.6
491	9.7	24144.6	-6152.0	581	11.0	30615.5	-6119.0	671	9.6	33519.0	-6106.8
492	9.0	24158.5	-6100.0	582	11.0	30617.9	-6144.0	672	11.0	33551.6	-6108.6
493	9.8	24209.9	-6159.0	583	11.3	30629.5	-6143.0	673	8.5	33556.0	-6122.6
494	8.8	24210.9	-6137.0	584	10.8	30632.9	-6103.8	674	10.5	33605.4	-6133.6
495	10.0	24227.5	-6126.0	585	11.0	30802.3	-6151.0	675	10.0	33634.4	-6125.6
496	9.5	24308.7	-6126.0	586	10.8	30805.1	-6113.0	676	10.0	33653.6	-6138.5
497	9.5	24336.5	-6107.0	587	11.3	30817.9	-6142.0	677	11.5	33706.9	-6157.5
498	10.3	24355.4	-6136.0	588	9.6	30829.9	-6102.8	678	9.9	33709.1	-6156.5
499	9.4	24440.7	-6126.0	589	10.5	30900.4	-6116.9	679	11.8	33733.4	-6106.5
500	9.5	24446.3	-6155.0	590	10.8	30918.8	-6105.8	680	10.0	33755.8	-6142.5
501	11.0	24453.3	-6117.9	591	9.2	31004.7	-6157.9	681	11.8	33828.3	-6107.9
502	10.5	24502.1	-6136.9	592	10.3	31026.6	-6149.9	682	11.3	33935.2	-6107.9
503	9.5	24538.3	-6148.9	593	11.5	31139.7	-6157.9	683	11.8	34008.7	-6112.4
504	9.8	24552.0	-6107.4	594	11.0	31145.4	-6127.9	684	10.8	34011.6	-6117.4
505	9.7	24555.6	-6145.9	595	8.1	31213.5	-6105.8	685	10.8	34029.9	-6121.4
506	10.0	24605.0	-6147.9	596	9.0	31234.6	-6149.9	686	9.3	34037.9	-6142.4
507	10.0	24615.1	-6142.9	597	10.8	31240.4	-6134.9	687	7.1	34100.5	-6154.4
508	9.4	24643.0	-6105.9	598	10.5	31326.2	-6104.8	688	10.0	34113.9	-6158.4
689	10.8	34127.2	-6119.4								
690	10.8	34218.1	-6106.8								
691	9.4	34232.7	-6129.4								
692	8.9	34235.8	-6109.6								
693	9.8	34238.2	-6150.4								
694	10.5	34300.8	-6118.4								
695	11.5	34320.7	-6123.4								
696	9.4	34328.8	-6107.6								
697	11.5	34342.5	-6135.4								
698	11.0	34348.1	-6143.3								
699	11.3	34436.1	-6125.3								
700	11.3	34500.6	-6152.3								
701	8.6	34520.6	-6133.3								
702	11.3	34521.5	-6130.3								
703	11.5	34546.3	-6104.3								
704	11.5	34554.6	-6137.3								
705	9.5	34602.9	-6159.3								
706	11.5	34604.6	-6154.2								
707	11.5	34639.8	-6115.2								
708	10.0	34643.4	-6143.2								
709	8.6	34702.1	-6121.2								
710	11.3	34716.9	-6116.2								
711	11.8	34728.9	-6135.2								
712	11.3	34734.1	-6114.2								
713	9.6	34741.8	-6106.4								
714	11.0	34805.9	-6140.2								
715	11.5	34807.9	-6129.2								
716	11.3	34818.1	-6108.2								
717	11.5	34822.1	-6118.2								
718	11.3	34824.1	-6136.2								
719	11.5	34828.1	-6131.2								
720	9.8	34857.5	-6136.1								
721	11.8	34931.1	-6106.6								
722	10.0	34943.0	-6105.1								
723	10.5	34950.7	-6154.1								
724	10.8	35012.3	-6117.1								
725	10.8	35032.1	-6139.1								
726	11.5	35053.7	-6130.1								
727	11.5	35113.6	-6108.1								
728	9.7	35114.6	-6118.1								
729	11.0	35119.6	-6104.1								
730	11.0	35212.9	-6145.1								
731	7.6	35317.0	-6116.0								
732	8.4	35334.0	-6109.2								
733	9.8	35338.0	-6155.0								
734	9.9	35425.4	-6119.1								
735	11.3	35457.8	-6122.9								
736	11.0	35512.0	-6109.9								
737	10.8	35517.6	-6132.9								
738	11.0	35613.8	-6134.9								
739	9.6	35629.8	-6101.8								
740	11.3	35631.4	-6108.4								
741	8.6	35640.8	-6138.9								
742	5.3	35646.0	-6144.9								
743	11.5	35659.0	-6117.9								
744	9.2	35709.7	-6130.9								
745	10.0	35718.9	-6131.8								
746	10.3	35745.4	-6138.8								
747	10.8	35757.3	-6119.3								
748	10.8	35818.9	-6152.8								
749	11.0	35832.9	-6151.8								
750	11.0	35844.9	-6122.8								
751	11.5	35906.1	-6111.8								
752	5.1	35917.1	-6125.8								
753	9.8	35918.7	-6151.8								
754	10.8	35932.2	-6103.5								
755	9.8	40009.8	-6109.1								
756	11.3	40019.5	-6107.7								
757	7.5	40024.5	-6142.0								
758	10.8	40050.9	-6118.7								
759	11.0	40112.3	-6120.7								
760	11.5	40113.2	-6103.2								
761	9.5	40119.0	-6135.7								
762	11.5	40137.2	-6104.2								
763	10.3	40144.3	-6125.7								
764	10.3	40149.5	-6123.7								
765	9.7	40208.3	-6110.9								
766	11.5	40235.4	-6121.7								
767	11.3	40250.1	-6103.1								
768	9.9	40254.3	-6109.8								
769	11.0	40254.5	-6104.6								
770	8.5	40310.8	-6149.4								
771	11.0	40312.8	-6156.6								
772	10.0	40325.8	-6109.6								
773	9.9	40520.2	-6132.6								
774	11.0	40528.9	-6108.6								
775	11.5	40530.4	-6151.6								
776	11.5	40530.9	-6144.6								
777	10.5	40533.2	-6131.6								
778	11.5	40557.9	-6125.6								

779	11.5	40601.6	-6122.6	869	10.8	42423.5	-6137.9	959	11.0	44639.6	-6158.8
780	9.9	40609.8	-6155.1	870	9.8	42425.6	-6130.9	960	10.0	44646.0	-6110.7
781	11.0	40634.1	-6128.5	871	10.5	42452.9	-6134.9	961	10.8	44651.9	-6101.3
782	10.8	40638.9	-6155.5	872	11.5	42456.5	-6146.9	962	9.5	44718.8	-6136.8
783	9.6	40651.7	-6129.7	873	10.3	42508.4	-6109.9	963	11.0	44719.8	-6158.8
784	11.8	40652.7	-6124.5	874	11.5	42519.6	-6146.9	964	10.3	44729.1	-6147.8
785	10.8	40658.7	-6139.5	875	11.0	42528.5	-6106.2	965	10.8	44733.9	-6122.8
786	11.0	40705.9	-6105.5	876	9.1	42529.2	-6159.6	966	10.5	44738.3	-6147.8
787	11.0	40714.2	-6107.0	877	9.7	42633.3	-6146.9	967	10.3	44809.0	-6115.7
788	9.8	40727.8	-6106.9	878	11.0	42637.3	-6147.9	968	11.5	44855.7	-6143.7
789	11.3	40732.6	-6154.5	879	11.5	42645.1	-6142.9	969	10.5	44907.0	-6110.3
790	11.3	40736.8	-6130.5	880	9.1	42657.8	-6127.9	970	9.8	44911.0	-6106.9
791	11.0	40740.3	-6127.5	881	11.0	42702.9	-6141.9	971	9.5	44913.3	-6143.7
792	9.5	40746.3	-6144.7	882	11.3	42734.1	-6156.8	972	9.9	44936.8	-6140.9
793	10.0	40814.8	-6157.6	883	11.0	42741.3	-6109.8	973	10.5	45012.0	-6132.8
794	7.1	40818.2	-6155.3	884	9.3	42741.8	-6128.8	974	10.3	45019.1	-6110.8
795	11.5	40835.2	-6122.5	885	11.5	42746.9	-6143.8	975	10.5	45046.2	-6127.6
796	9.0	40843.9	-6105.5	886	9.9	42748.2	-6149.8	976	11.8	45048.1	-6131.6
797	10.8	40846.1	-6147.5	887	11.5	42808.2	-6157.8	977	9.2	45055.6	-6144.6
798	10.8	40910.8	-6151.4	888	10.8	42829.6	-6111.8	978	11.0	45115.1	-6109.6
799	11.0	40925.5	-6146.4	889	10.0	42848.7	-6113.8	979	8.2	45128.1	-6134.9
800	10.8	40929.8	-6149.4	890	9.1	42850.9	-6140.8	980	9.0	45128.5	-6113.4
801	8.7	40932.2	-6142.2	891	11.5	42906.7	-6115.8	981	9.2	45133.9	-6102.0
802	11.0	40956.6	-6118.4	892	11.5	42937.3	-6120.8	982	9.1	45208.8	-6104.1
803	9.3	41018.9	-6155.0	893	10.0	42952.5	-6147.8	983	9.9	45209.1	-6117.6
804	9.8	41027.4	-6104.4	894	11.0	43000.0	-6152.7	984	10.8	45213.8	-6132.6
805	9.8	41031.8	-6106.4	895	10.8	43010.7	-6145.7	985	10.8	45217.4	-6153.6
806	11.0	41033.7	-6122.4	896	9.2	43014.5	-6138.7	986	9.1	45231.0	-6127.8
807	11.3	41035.5	-6125.4	897	9.6	43027.8	-6116.9	987	9.8	45232.8	-6131.4
808	11.0	41042.2	-6159.4	898	11.0	43122.9	-6150.7	988	8.5	45234.5	-6154.8
809	9.4	41050.4	-6142.9	899	11.5	43150.5	-6139.7	989	10.8	45302.2	-6116.5
810	10.8	41112.4	-6157.4	900	11.5	43201.9	-6155.7	990	11.8	45307.2	-6130.5
811	11.0	41118.6	-6147.4	901	9.8	43218.4	-6144.7	991	9.9	45315.0	-6114.5
812	11.5	41156.7	-6116.3	902	11.3	43234.9	-6117.7	992	11.5	45419.6	-6125.5
813	9.5	41207.7	-6128.5	903	9.7	43243.3	-6109.0	993	9.6	45427.4	-6117.5
814	8.3	41212.8	-6157.3	904	8.8	43248.4	-6103.7	994	9.3	45449.5	-6148.5
815	8.8	41234.5	-6111.3	905	10.0	43252.6	-6128.7	995	9.9	45453.0	-6110.5
816	11.5	41240.3	-6129.3	906	10.8	43256.2	-6143.7	996	11.3	45529.2	-6151.4
817	11.3	41332.5	-6115.3	907	8.7	43257.5	-6157.7	997	11.5	45541.6	-6146.4
818	9.1	41338.5	-6131.3	908	9.8	43258.4	-6121.2	998	11.3	45551.2	-6112.4
819	9.8	41424.3	-6100.5	909	11.3	43315.2	-6142.7	999	8.4	45601.7	-6129.2
820	10.8	41424.7	-6142.2	910	10.3	43359.1	-6155.6	1000	8.8	45623.0	-6107.8
821	6.7	41428.5	-6115.2	911	11.3	43408.2	-6136.6	1001	11.3	45640.5	-6125.4
822	9.5	41439.2	-6123.2	912	9.9	43414.7	-6117.6	1002	10.8	45643.3	-6129.4
823	10.8	41448.0	-6125.2	913	10.8	43430 8	-6142.6	1003	10.5	45658.0	-6122.4
824	9.8	41454.3	-6159.6	914	11.0	43432.2	-6150.6	1004	10.0	45700.6	-6136.4
825	9.7	41505.4	-6134.8	915	11.5	43516.8	-6114.6	1005	10.0	45703.1	-6136.1
826	10.3	41508.1	-6146.2	916	9.7	43522.1	-6133.0	1006	11.0	45716.2	-6123.4
827	11.0	41509.4	-6149.2	917	11.0	43543.2	-6106.6	1007	8.5	45725.1	-6117.4
828	9.2	41513.0	-6111.2	918	11.5	43552.7	-6156.6	1008	11.3	45732.8	-6156.4
829	9.6	41517.2	-6117.2	919	11.3	43600.2	-6107.5	1009	11.0	45748.2	-6118.4
830	11.0	41530.2	-6156.2	920	11.3	43618.3	-6158.5	1010	9.7	45759.8	-6159.4
831	9.3	41551.9	-6141.4	921	11.5	43641.7	-6138.5	1011	9.1	45804.8	-6108.4
832	11.0	41603.6	-6106.4	922	9.5	43658.1	-6135.3	1012	11.3	45810.5	-6107.3
833	11.5	41703.8	-6136.2	923	11.0	43701.4	-6116.5	1013	9.7	45854.9	-6151.4
834	11.5	41704.6	-6139.2	924	11.0	43705.5	-6133.5	1014	10.8	45858.8	-6104.5
835	9.8	41705.7	-6115.2	925	11.0	43711.7	-6135.5	1015	8.8	45907.7	-6150.5
836	10.5	41718.5	-6143.1	926	11.0	43714.9	-6130.5	1016	11.0	45916.0	-6129.3
837	9.0	41733.9	-6133.8	927	9.2	43738.1	-6135.5	1017	11.0	45921.9	-6111.3
838	11.4	41737.2	-6133.1	928	11.0	43739.4	-6111.5	1018	11.0	45947.3	-6134.3
839	9.7	41748.7	-6148.1	929	10.8	43840.4	-6136.5	1019	9.6	50003.6	-6134.3
840	10.8	41805.2	-6117.1	930	11.0	43900.7	-6155.5	1020	9.3	50010.3	-6158.3
841	11.0	41807.1	-6113.1	931	11.5	43902.6	-6149.5	1021	9.5	50133.1	-6129.2
842	9.3	41809.6	-6118.1	932	11.0	43911.5	-6105.4	1022	8.6	50152.2	-6135.2
843	11.0	41852.2	-6136.1	933	11.0	43918.5	-6126.5	1023	11.0	50229.0	-6141.2
844	11.5	41853.2	-6132.1	934	8.2	43921.2	-6105.2	1024	11.0	50233.1	-6116.2
845	10.0	41853.8	-6101.5	935	11.3	43931.4	-6105.4	1025	11.0	50236.8	-6141.2
846	11.0	41904.2	-6103.8	936	9.8	43953.9	-6149.0	1026	11.0	50238.4	-6100.7
847	10.5	41910.2	-6130.1	937	7.7	44008.3	-6127.5	1027	11.3	50328.3	-6113.1
848	11.0	41925.2	-6112.4	938	10.8	44009.0	-6129.0	1028	11.5	50353.7	-6159.1
849	9.6	41926.5	-6156.8	939	10.3	44011.1	-6113.4	1029	9.5	50400.3	-6109.2
850	11.5	41937.1	-6135.1	940	8.4	44028.4	-6119.3	1030	11.5	50409.9	-6157.1
851	9.2	41938.8	-6111.2	941	8.6	44048.0	-6151.5	1031	9.9	50438.6	-6144.1
852	10.3	41950.9	-6136.1	942	10.5	44048.0	-6111.0	1032	11.0	50449.9	-6100.6
853	10.5	42001.9	-6136.0	943	11.3	44111.8	-6157.9	1033	9.1	50453.3	-6145.1
854	10.5	42018.0	-6111.0	944	11.0	44120.4	-6100.6	1034	8.6	50455.5	-6101.4
855	11.0	42037.9	-6101.4	945	9.8	44129.0	-6106.9	1035	9.4	50517.4	-6133.0
856	11.0	42048.2	-6142.0	946	11.0	44152.4	-6122.9	1036	9.8	50519.6	-6129.1
857	11.3	42057.9	-6100.4	947	10.5	44217.9	-6148.9	1037	11.5	50521.0	-6127.0
858	10.8	42058.9	-6142.0	948	10.0	44229.3	-6131.9	1038	11.0	50521.0	-6118.0
859	11.3	42146.4	-6136.0	949	10.5	44302.3	-6132.9	1039	9.7	50523.2	-6158.0
860	11.3	42158.2	-6108.0	950	9.6	44349.1	-6147.6	1040	8.3	50553.1	-6158.0
861	11.5	42205.5	-6100.4	951	8.9	44355.7	-6120.8	1041	9.3	50641.4	-6142.0
862	10.0	42223.9	-6144.0	952	11.0	44406.4	-6109.8	1042	10.8	50714.6	-6105.2
863	6.5	42321.6	-6131.6	953	11.5	44433.1	-6105.8	1043	10.3	50819.3	-6155.9
864	8.9	42331.9	-6155.0	954	11.5	44445.7	-6135.8	1044	11.0	50819.3	-6128.9
865	8.5	42345.9	-6103.2	955	9.7	44508.3	-6138.9	1045	8.6	50839.3	-6144.9
866	10.5	42351.6	-6146.0	956	10.8	44530.8	-6119.7	1046	9.0	50845.8	-6153.1
867	11.0	42354.3	-6112.0	957	10.5	44548.9	-6145.7	1047	11.0	50924.6	-6128.9
868	10.0	42405.4	-6134.6	958	7.2	44550.0	-6141.8	1048	11.3	50939.3	-6149.1
1049	11.0	51007.9	-6137.8								
1050	11.5	51016.1	-6113.8								
1051	10.8	51046.3	-6134.1								
1052	11.8	51117.4	-6140.8								
1053	10.8	51119.6	-6134.8								
1054	10.5	51134.8	-6150.8								
1055	9.1	51209.3	-6113.5								
1056	11.3	51213.3	-6107.3								
1057	11.0	51251.6	-6128.7								
1058	10.0	51257.3	-6112.7								
1059	9.5	51321.7	-6100.9								
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1061	9.3	51358.3	-6107.1								
1062	10.0	51414.8	-6111.6								
1063	10.3	51417.0	-6128.6								
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1066	10.3	51504.3	-6125.6								
1067	10.0	51527.8	-6133.8								
1068	9.7	51540.6	-6138.6								
1069	10.3	51555.6	-6137.4								
1070	10.0	51607.3	-6150.6								
1071	10.5	51612.6	-6140.3								
1072	10.3	51627.3	-6142.6								
1073	10.3	51631.3	-6110.5								
1074	10.3	51639.1	-6139.6								
1075	11.3	51641.1	-6108.8								
1076	10.0	51643.8	-6151.3								
1077	9.6	51644.1	-6137.5								
1078	10.0	51659.1	-6127.3								
1079	9.5	51714.3	-6150.5								
1080	10.3	51743.6	-6111.7								
1081	10.5	51756.6	-6112.5								
1082	10.5	51821.8	-6128.4								
1083	10.3	51825.6	-6143.2								
1084	10.0	51832.2	-6154.4								
1085	8.2	51844.0	-6117.4								
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1087	10.5	51930.9	-6141.4								
1088	10.0	51935.6	-6108.0								
1089	10.3	51937.8	-6121.2								
1090	9.6	52000.7	-6122.0								
1091	10.3	52005.7	-6115.4								
1092	11.0	52051.8	-6107.9								
1093	10.8	52133.7	-6106.8								
1094	10.3	52144.1	-6136.1								
1095	10.5	52150.8	-6145.0								
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1097	10.8	52208.2	-6102.2								
1098	10.5	52225.4	-6151.3								
1099	10.0	52252.6	-6125.3								
1100	11.5	52252.8	-6108.8								
1101	9.8	52258.0	-6143.3								
1102	8.0	52337.5	-6112.5								
1103	9.9	52338.3	-6102.9								
1104	10.3	52359.2	-6107.0								
1105	10.5	52415.3	-6121.8								
1106	10.3	52418.7	-6118.2								
1107	10.5	52439.0	-6123.0								
1108	9.6	52458.3	-6148.0								
1109	10.0	52523.3	-6102.4								
1110	10.3	52605.0	-6140.2								
1111	10.3	52614.4	-6126.1								
1112	9.9	52645.9	-6101.8								
1113	10.3	52650.5	-6106.1								
1114	9.4	52656.8	-6121.4								
1115	10.5	52715.8	-6157.8								
1116	9.8	52717.7	-6151.1								
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1118	10.3	52725.6	-6141.9								
1119	10.3	52756.6	-6130.1								
1120	10.0	52758.0	-6121.1								
1121	11.3	52806.8	-6108.8								
1122	8.7	52807.9	-6155.0								
1123	11.0	52811.5	-6130.0								
1124	9.8	52816.1	-6136.1								
1125	9.5	52831.7	-6101.4								
1126	10.3	52838.3	-6158.1								
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1128	11.0	52845.3	-6138.0								
1129	10.8	52909.2	-6155.0								
1130	11.0	52935.0	-6142.0								
1131	9.3	53005.0	-6132.3								
1132	9.0	53013.1	-6132.2								
1133	7.5	53018.6	-6137.9								
1134	8.8	53040.8	-6103.2								
1135	10.3	53054.6	-6139.6								
1136	10.0	53121.3	-6109.7								
1137	10.5	53158.3	-6145.3								
1138	10.0	53213.3	-6123.9								

-61 1139 5h32m

-61 1498 6h50m

1139	10.0	53219.3	-6150.8	1229	10.0	55459.3	-6139.0	1319	9.5	61425.3	-6115.6
1140	10.5	53223.2	-6134.9	1230	11.0	55510.2	-6126.2	1320	11.0	61431.7	-6151.6
1141	10.5	53224.4	-6125.9	1231	11.0	55512.7	-6117.2	1321	9.6	61432.9	-6127.6
1142	11.0	53227.5	-6107.8	1232	11.0	55540.7	-6149.2	1322	8.8	61440.6	-6132.8
1143	9.8	53227.8	-6155.7	1233	9.8	55550.8	-6108.2	1323	11.0	61451.2	-6108.6
1144	11.0	53248.0	-6110.8	1234	10.5	55635.8	-6119.2	1324	11.0	61459.8	-6105.8
1145	10.5	53308.0	-6126.8	1235	11.5	55700.7	-6130.2	1325	11.3	61509.5	-6130.6
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1147	10.8	53335.8	-6139.8	1237	10.0	55729.8	-6124.2	1327	11.0	61526.2	-6145.6
1148	6.7	53335.8	-6114.8	1238	11.3	55732.6	-6139.2	1328	10.8	61552.7	-6124.6
1149	10.5	53341.8	-6107.8	1239	9.9	55734.3	-6142.4	1329	8.1	61559.8	-6111.6
1150	11.0	53421.4	-6124.7	1240	8.6	55745.0	-6146.8	1330	9.4	61603.1	-6135.6
1151	11.0	53425.1	-6105.7	1241	9.9	55813.3	-6112.3	1331	11.8	61641.8	-6144.5
1152	10.3	53426.8	-6109.7	1242	9.7	55829.3	-6100.1	1332	12.0	61648.9	-6133.5
1153	10.0	53526.2	-6105.8	1243	11.0	55837.8	-6114.1	1333	10.0	61709.5	-6122.3
1154	10.3	53603.9	-6119.7	1244	9.6	55851.7	-6150.1	1334	9.8	61710.9	-6154.3
1155	8.5	53640.7	-6133.6	1245	8.6	55910.2	-6159.9	1335	9.9	61718.0	-6120.2
1156	9.9	53648.3	-6125.8	1246	10.3	55923.3	-6121.2	1336	10.0	61722.3	-6117.7
1157	10.5	53651.8	-6142.6	1247	11.5	55929.1	-6111.1	1337	9.7	61733.4	-6153.3
1158	11.0	53656.4	-6100.4	1248	11.5	60022.5	-6110.1	1338	10.5	61805.2	-6106.2
1159	7.9	53705.3	-6113.8	1249	10.8	60025.3	-6116.1	1339	9.1	61820.9	-6116.3
1160	9.7	53707.3	-6158.3	1250	10.8	60032.3	-6137.1	1340	9.2	61824.6	-6140.8
1161	11.0	53719.7	-6107.4	1251	11.0	60109.1	-6138.0	1341	9.1	61838.7	-6145.5
1162	11.0	53731.9	-6123.6	1252	9.7	60113.2	-6109.1	1342	9.1	61839.1	-6128.5
1163	10.8	53820.7	-6119.5	1253	8.6	60115.3	-6142.0	1343	7.1	61839.9	-6116.5
1164	11.0	53901.7	-6142.5	1254	8.5	60137.2	-6111.1	1344	10.8	61846.5	-6143.3
1165	10.0	53909.3	-6146.8	1255	9.7	60226.2	-6108.7	1345	10.8	61904.5	-6138.1
1166	11.3	53921.1	-6101.3	1256	9.9	60312.8	-6116.0	1346	9.6	61906.5	-6132.5
1167	9.8	53921.2	-6115.8	1257	10.8	60343.2	-6153.0	1347	10.8	61912.3	-6107.2
1168	11.0	53930.5	-6107.5	1258	8.7	60344.8	-6116.0	1348	10.5	61924.6	-6134.2
1169	8.9	53951.8	-6155.2	1259	10.8	60359.8	-6109.0	1349	10.8	61933.8	-6157.4
1170	11.0	53956.1	-6107.5	1260	11.5	60416.8	-6136.9	1350	11.5	62016.4	-6153.4
1171	10.5	54013.1	-6157.2	1261	11.5	60418.3	-6134.9	1351	11.3	62023.2	-6155.4
1172	9.7	54025.4	-6133.4	1262	8.3	60429.7	-6143.9	1352	8.9	62035.6	-6132.4
1173	10.5	54108.8	-6145.6	1263	10.5	60438.3	-6115.9	1353	8.2	62113.2	-6102.9
1174	11.0	54113.1	-6132.4	1264	10.5	60450.8	-6155.9	1354	11.0	62116.8	-6141.4
1175	10.3	54125.0	-6147.6	1265	9.6	60454.2	-6124.9	1355	11.5	62159.0	-6126.4
1176	10.0	54134.3	-6131.2	1266	10.8	60454.8	-6107.9	1356	11.0	62210.1	-6106.4
1177	10.5	54143.8	-6119.4	1267	10.8	60459.7	-6159.6	1357	11.8	62216.0	-6152.4
1178	10.5	54204.3	-6157.5	1268	10.5	60504.2	-6104.9	1358	9.6	62223.3	-6138.4
1179	10.5	54210.1	-6133.7	1269	10.3	60510.3	-6106.2	1359	11.0	62246.9	-6107.0
1180	9.7	54231.5	-6102.7	1270	8.7	60515.8	-6100.8	1360	10.5	62302.6	-6105.3
1181	10.3	54244.1	-6141.5	1271	11.5	60530.1	-6133.9	1361	11.0	62336.2	-6147.3
1182	10.3	54244.8	-6117.6	1272	11.0	60536.3	-6112.9	1362	11.5	62354.4	-6157.3
1183	10.5	54256.0	-6116.3	1273	10.8	60546.7	-6105.0	1363	9.9	62431.8	-6118.1
1184	10.0	54317.1	-6125.3	1274	10.8	60547.7	-6127.9	1364	9.4	62442.1	-6133.0
1185	11.0	54327.2	-6155.3	1275	9.9	60549.3	-6142.9	1365	10.5	62446.2	-6129.3
1186	9.1	54333.8	-6150.1	1276	9.8	60603.3	-6158.7	1366	10.5	62448.3	-6131.1
1187	10.8	54340.6	-6143.1	1277	10.8	60603.3	-6156.9	1367	11.0	62501.0	-6135.3
1188	10.3	54343.1	-6130.5	1278	9.9	60606.2	-6146.9	1368	11.5	62503.3	-6132.3
1189	11.0	54425.0	-6104.5	1279	9.4	60625.9	-6140.3	1369	11.0	62605.6	-6106.0
1190	9.8	54436.0	-6136.5	1280	11.3	60656.2	-6112.9	1370	9.7	62621.3	-6127.0
1191	7.6	54441.0	-6116.3	1281	11.3	60715.8	-6139.8	1371	10.3	62626.8	-6115.2
1192	9.4	54500.2	-6112.2	1282	11.5	60730.6	-6112.8	1372	9.1	62634.8	-6111.2
1193	10.0	54600.2	-6113.2	1283	9.0	60734.6	-6118.2	1373	9.9	62636.1	-6104.9
1194	11.0	54603.7	-6125.2	1284	11.0	60740.2	-6132.8	1374	10.8	62710.2	-6157.2
1195	10.3	54609.8	-6144.2	1285	10.3	60758.2	-6108.8	1375	11.0	62720.8	-6138.2
1196	10.5	54632.8	-6113.5	1286	10.5	60800.4	-6102.9	1376	11.0	62729.3	-6110.2
1197	10.5	54634.8	-6155.2	1287	9.7	60821.2	-6151.8	1377	8.7	62732.2	-6100.3
1198	10.5	54644.1	-6124.2	1288	10.8	60845.2	-6131.8	1378	9.6	62758.3	-6101.9
1199	10.3	54645.5	-6159.0	1289	11.5	60904.3	-6109.8	1379	9.0	62802.2	-6113.2
1200	8.7	54647.8	-6114.2	1290	10.0	60912.2	-6146.8	1380	11.0	62808.9	-6133.2
1201	9.0	54711.6	-6104.1	1291	7.7	60935.6	-6128.0	1381	9.0	62818.2	-6109.2
1202	9.5	54743.4	-6110.4	1292	9.6	60939.7	-6150.8	1382	9.6	62826.1	-6102.1
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1204	10.3	54907.7	-6113.1	1294	11.3	60949.2	-6144.8	1384	11.5	62833.3	-6127.8
1205	11.0	54929.8	-6122.1	1295	11.3	60951.3	-6105.7	1385	9.3	62839.6	-6154.0
1206	9.0	54936.8	-6127.1	1296	11.0	61025.2	-6102.6	1386	8.3	62846.3	-6110.2
1207	11.0	54948.8	-6157.1	1297	11.3	61034.2	-6109.0	1387	11.5	62852.9	-6153.2
1208	10.8	55047.9	-6108.9	1298	10.5	61039.2	-6130.9	1388	11.3	62853.8	-6120.5
1209	9.7	55048.2	-6118.0	1299	11.3	61045.3	-6118.9	1389	8.7	62859.8	-6142.0
1210	9.7	55057.1	-6125.0	1300	10.8	61049.8	-6111.7	1390	9.9	62908.3	-6142.8
1211	9.7	55058.6	-6123.0	1301	10.5	61104.8	-6134.4	1391	9.6	62915.7	-6151.1
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1213	10.8	55205.3	-6102.3	1303	6.8	61114.6	-6126.5	1393	9.2	62926.9	-6131.1
1214	9.0	55208.5	-6125.3	1304	11.0	61119.3	-6143.7	1394	6.5	62956.3	-6147.1
1215	11.0	55214.3	-6110.3	1305	10.8	61130.7	-6145.7	1395	10.3	63000.6	-6140.1
1216	9.7	55215.5	-6113.8	1306	10.0	61156.3	-6109.7	1396	10.0	63024.3	-6135.7
1217	11.3	55220.7	-6145.3	1307	10.3	61205.3	-6110.5	1397	10.5	63025.3	-6117.1
1218	9.6	55225.3	-6154.1	1308	11.3	61222.5	-6124.7	1398	10.5	63041.2	-6142.1
1219	11.5	55259.7	-6131.3	1309	11.5	61228.1	-6158.7	1399	10.5	63051.4	-6140.1
1220	11.0	55305.3	-6138.3	1310	12.0	61229.3	-6150.7	1400	10.8	63054.6	-6109.1
1221	11.0	55310.3	-6156.3	1311	9.8	61233.3	-6130.4	1401	10.8	63105.1	-6152.1
1222	11.3	55314.6	-6111.3	1312	11.5	61241.5	-6122.7	1402	10.3	63111.3	-6121.9
1223	11.8	55326.1	-6144.3	1313	9.5	61244.2	-6125.7	1403	10.5	63119.6	-6124.1
1224	10.0	55409.3	-6120.3	1314	11.5	61252.6	-6105.7	1404	7.5	63130.9	-6144.0
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1226	8.2	55450.4	-6128.0	1316	11.5	61329.6	-6118.6	1406	10.5	63210.1	-6122.0
1227	10.0	55451.8	-6136.2	1317	10.3	61408.7	-6153.3	1407	10.3	63221.6	-6106.0
1228	10.5	55454.3	-6158.0	1318	10.8	61417.1	-6101.7	1408	11.0	63223.0	-6143.0
1409	9.6	63227.7	-6145.0								
1410	9.7	63311.8	-6134.0								
1411	10.8	63312.0	-6101.9								
1412	7.6	63312.7	-6123.4								
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1415	10.0	63419.8	-6114.0								
1416	11.0	63423.7	-6134.0								
1417	10.5	63441.2	-6128.0								
1418	10.5	63443.4	-6131.0								
1419	10.8	63446.3	-6125.0								
1420	10.5	63452.2	-6111.0								
1421	9.2	63459.5	-6129.2								
1422	10.5	63512.3	-6141.9								
1423	10.5	63514.4	-6142.9								
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1425	8.8	63554.2	-6125.9								
1426	10.0	63559.8	-6102.0								
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1428	7.1	63639.9	-6125.6								
1429	10.0	63647.7	-6145.7								
1430	10.0	63650.3	-6116.9								
1431	10.3	63702.9	-6113.9								
1432	10.5	63714.9	-6120.9								
1433	10.3	63721.3	-6122.9								
1434	10.3	63730.7	-6143.9								
1435	9.9	63753.3	-6138.9								
1436	10.4	63815.3	-6114.9								
1437	9.6	63819.6	-6155.9								
1438	10.5	63825.6	-6128.8								
1439	9.7	63829.3	-6121.8								
1440	10.0	63857.4	-6102.8								
1441	10.3	63925.7	-6150.8								
1442	9.7	63927.8	-6155.8								
1443	10.5	63932.4	-6106.7								
1444	10.8	63934.3	-6152.8								
1445	10.3	63942.2	-6150.5								
1446	10.3	63952.3	-6130.8								
1447	10.8	63959.3	-6129.8								
1448	10.8	64022.8	-6129.8								
1449	8.9	64039.7	-6159.6								
1450	10.3	64042.4	-6138.6								
1451	8.3	64100.0	-6106.2								
1452	10.3	64103.3	-6133.8								
1453	7.4	64109.7	-6137.8								
1454	10.3	64127.0	-6101.6								
1455	10.5	64130.3	-6115.7								
1456	10.5	64143.3	-6147.7								
1457	10.3	64154.4	-6148.7								
1458	10.0	64156.7	-6159.8								
1459	9.8	64159.8	-6116.7								
1460	10.3	64203.9	-6127.4								
1461	9.7	64215.9	-6158.4								
1462	9.7	64310.3	-6113.7								
1463	7.3	64317.9	-6105.6								
1464	10.8	64321.6	-6101.6								
1465	10.5	64333.9	-6106.6								
1466	10.5	64351.3	-6114.7								
1467	10.8	64421.2	-6153.7								
1468	9.9	64446.3	-6119.4								
1469	11.0	64457.0	-6154.6								
1470	10.0	64501.7	-6143.4								
1471	9.6	64513.2	-6102.6								
1472	8.5	64552.1	-6140.4								
1473	9.6	64555.8	-6104.6								
1474	10.0	64610.0	-6131.6								
1475	10.5	64633.8	-6141.6								
1476	10.3	64635.2	-6152.3								
1477	10.5	64645.3	-6134.4								
1478	4.0	64654.6	-6148.6								
1479	9.5	64655.8	-6104.5								
1480	10.8	64706.7	-6112.6								
1481	9.9	64710.5	-6101.2								
1482	10.5	64719.0	-6152.5								
1483	9.5	64734.3	-6109.6								
1484	10.5	64743.5	-6110.5								
1485	10.3	64820.8	-6111.7								
1486	10.3	64821.0	-6149.5								
1487	10.5	64837.4	-6117.5								
1488	9.6	64840.2	-6111.7								
1489	9.4	64845.0	-6150.3								
1490	9.6	64849.3	-6129.7								
1491	10.5	64855.5	-6136.5								
1492	10.5	64907.6	-6132.5								
1493	10.8	64909.6	-6137.5								
1494	10.8	64921.3	-6157.5								
1495	10.8	64938.8	-6109.5								
1496	10.5	65002.1	-6155.5								
1497	10.0	65022.7	-6146.5								
1498	9.9	65024.4	-6109.5								

-61 1499 6h50m

1499	10.3	65036.6	-6155.3	1589	10.3	71159.4	-6159.9	1679	10.5	73359.3	-6124.0
1500	9.6	65107.3	-6135.4	1590	9.6	71209.8	-6137.9	1680	10.5	73444.4	-6138.8
1501	10.5	65113.4	-6113.4	1591	10.0	71227.2	-6143.9	1681	8.1	73445.1	-6135.2
1502	10.5	65132.5	-6126.4	1592	10.3	71325.8	-6158.8	1682	10.5	73445.3	-6117.8
1503	10.5	65136.2	-6101.2	1593	10.3	71329.6	-6157.8	1683	9.6	73550.8	-6135.9
1504	8.4	65149.2	-6129.4	1594	10.8	71339.7	-6128.8	1684	11.0	73552.8	-6132.7
1505	10.5	65151.3	-6116.4	1595	10.5	71408.8	-6109.8	1685	9.9	73607.3	-6125.6
1506	10.3	65205.7	-6148.4	1596	9.3	71409.7	-6126.5	1686	9.5	73632.8	-6103.3
1507	10.0	65208.5	-6104.4	1597	10.3	71412.8	-6108.4	1687	10.0	73641.6	-6157.9
1508	10.5	65211.9	-6131.4	1598	9.3	71423.8	-6138.6	1688	10.0	73646.3	-6107.8
1509	10.8	65232.4	-6127.4	1599	9.5	71444.7	-6133.8	1689	10.8	73658.7	-6131.7
1510	10.0	65243.4	-6130.2	1600	10.5	71504.6	-6146.7	1690	9.2	73718.2	-6107.9
1511	10.5	65246.0	-6153.2	1601	10.8	71545.0	-6138.7	1691	10.0	73732.7	-6147.5
1512	10.5	65309.0	-6119.4	1602	9.4	71550.8	-6113.1	1692	10.0	73735.6	-6101.3
1513	8.5	65324.2	-6159.2	1603	9.0	71603.3	-6111.7	1693	10.0	73749.8	-6103.1
1514	11.0	65354.7	-6147.4	1604	9.6	71618.9	-6132.7	1694	9.8	73755.7	-6128.6
1515	9.8	65416.6	-6116.1	1605	10.0	71619.2	-6142.7	1695	10.0	73759.7	-6143.8
1516	9.5	65420.8	-6127.3	1606	10.5	71619.4	-6159.9	1696	10.5	73807.9	-6128.6
1517	9.4	65423.3	-6136.3	1607	10.3	71625.9	-6137.7	1697	9.0	73810.5	-6123.8
1518	9.3	65444.2	-6134.0	1608	10.0	71633.9	-6131.7	1698	11.0	73836.1	-6118.8
1519	10.0	65458.7	-6130.3	1609	9.7	71644.3	-6118.9	1699	11.0	73839.8	-6112.9
1520	11.0	65535.7	-6140.3	1610	10.0	71648.9	-6126.7	1700	10.8	73858.9	-6107.3
1521	10.3	65539.5	-6120.3	1611	10.0	71653.2	-6146.4	1701	10.5	73903.8	-6141.3
1522	10.5	65550.8	-6106.3	1612	8.9	71709.2	-6159.6	1702	10.0	73906.7	-6152.3
1523	10.0	65605.3	-6113.3	1613	10.0	71731.3	-6156.3	1703	8.1	73913.8	-6141.6
1524	9.4	65611.2	-6142.1	1614	9.5	71750.3	-6126.6	1704	10.0	73921.1	-6139.8
1525	9.8	65615.8	-6121.5	1615	9.9	71808.8	-6122.6	1705	9.2	74013.3	-6115.5
1526	10.5	65616.6	-6114.3	1616	9.6	71815.3	-6108.2	1706	10.5	74032.3	-6113.6
1527	9.1	65629.9	-6120.6	1617	9.5	71835.8	-6142.6	1707	10.5	74034.3	-6108.5
1528	11.0	65710.5	-6107.2	1618	9.8	71847.7	-6125.3	1708	9.1	74102.6	-6135.8
1529	10.5	65716.1	-6136.2	1619	9.7	71914.7	-6151.5	1709	8.2	74127.5	-6135.8
1530	10.3	65721.8	-6152.8	1620	10.0	71936.2	-6143.5	1710	11.0	74131.3	-6106.8
1531	9.3	65758.2	-6159.2	1621	8.4	71958.3	-6145.3	1711	10.0	74210.9	-6127.7
1532	10.3	65807.8	-6113.2	1622	10.0	72003.0	-6115.5	1712	9.7	74211.3	-6123.4
1533	9.9	65824.8	-6103.2	1623	7.2	72010.1	-6142.6	1713	11.0	74217.1	-6102.2
1534	10.5	65831.0	-6135.2	1624	11.0	72044.5	-6158.5	1714	11.0	74234.4	-6116.4
1535	7.4	65832.6	-6110.2	1625	9.8	72125.2	-6146.1	1715	10.5	74244.2	-6105.2
1536	11.0	65849.3	-6154.2	1626	9.8	72143.2	-6148.4	1716	10.8	74312.2	-6141.4
1537	9.0	65849.8	-6136.2	1627	10.0	72206.7	-6144.4	1717	9.3	74318.2	-6102.2
1538	9.3	65920.8	-6122.2	1628	10.0	72259.2	-6133.4	1718	11.5	74321.6	-6108.2
1539	9.5	65928.8	-6140.8	1629	10.3	72309.8	-6112.4	1719	10.3	74337.3	-6124.2
1540	10.5	65933.7	-6147.3	1630	10.8	72339.8	-6131.3	1720	9.6	74338.5	-6127.7
1541	10.8	65946.2	-6117.5	1631	10.3	72350.0	-6143.3	1721	8.2	74349.8	-6140.4
1542	11.0	65949.5	-6127.2	1632	11.0	72419.1	-6114.3	1722	9.6	74400.2	-6155.1
1543	11.0	65957.4	-6133.3	1633	10.0	72431.2	-6159.2	1723	9.8	74411.8	-6121.6
1544	10.3	70002.1	-6155.3	1634	11.0	72449.0	-6138.3	1724	9.7	74420.8	-6159.9
1545	10.0	70004.5	-6100.0	1635	11.0	72452.8	-6134.3	1725	9.7	74429.2	-6126.3
1546	10.3	70009.2	-6155.5	1636	9.8	72509.4	-6158.3	1726	7.7	74433.2	-6107.9
1547	9.8	70012.4	-6148.2	1637	10.0	72511.8	-6154.3	1727	9.4	74437.1	-6105.3
1548	10.5	70015.2	-6126.5	1638	10.3	72522.2	-6103.5	1728	10.8	74442.8	-6150.3
1549	10.0	70205.2	-6104.7	1639	10.0	72537.7	-6105.6	1729	9.6	74448.3	-6137.3
1550	9.5	70217.8	-6107.2	1640	10.5	72606.2	-6127.2	1730	9.2	74450.3	-6125.2
1551	11.0	70302.0	-6115.2	1641	10.3	72609.9	-6135.2	1731	8.3	74509.2	-6103.1
1552	9.4	70312.8	-6139.1	1642	10.5	72613.5	-6145.2	1732	11.5	74545.5	-6156.9
1553	9.6	70319.6	-6119.0	1643	10.5	72615.9	-6137.2	1733	10.8	74549.0	-6122.9
1554	8.3	70334.9	-6102.0	1644	9.3	72643.3	-6129.4	1734	9.7	74556.2	-6144.9
1555	8.0	70356.5	-6112.0	1645	11.0	72645.2	-6133.2	1735	10.8	74558.2	-6100.1
1556	9.6	70406.8	-6137.0	1646	10.5	72706.8	-6128.2	1736	9.5	74624.2	-6108.0
1557	9.9	70408.7	-6130.0	1647	9.0	72708.9	-6120.5	1737	10.8	74646.8	-6103.0
1558	10.0	70413.9	-6137.0	1648	9.9	72709.8	-6113.2	1738	9.7	74703.6	-6154.3
1559	10.5	70420.0	-6116.4	1649	10.8	72713.3	-6126.2	1739	9.8	74708.3	-6102.0
1560	10.3	70426.3	-6154.3	1650	10.0	72719.8	-6105.2	1740	11.3	74725.3	-6104.0
1561	9.8	70429.8	-6138.2	1651	9.8	72721.7	-6147.2	1741	11.3	74730.6	-6129.8
1562	10.0	70447.8	-6137.8	1652	10.8	72754.7	-6133.1	1742	9.3	74738.3	-6130.8
1563	10.0	70453.8	-6135.0	1653	9.8	72810.6	-6117.1	1743	9.3	74744.7	-6146.4
1564	10.3	70459.5	-6110.7	1654	10.8	72835.8	-6122.1	1744	11.0	74811.6	-6149.8
1565	8.8	70503.8	-6115.8	1655	10.0	72840.6	-6114.1	1745	11.3	74822.6	-6150.8
1566	10.5	70532.5	-6127.2	1656	10.3	72842.3	-6108.3	1746	11.0	74834.8	-6131.7
1567	10.5	70543.0	-6142.8	1657	8.8	72848.4	-6109.1	1747	9.6	74908.8	-6111.5
1568	10.5	70553.5	-6149.2	1658	10.8	72901.3	-6140.1	1748	11.0	74913.9	-6127.7
1569	10.3	70702.3	-6116.1	1659	9.3	72934.4	-6156.8	1749	9.9	74926.8	-6113.3
1570	9.0	70727.8	-6114.1	1660	10.3	72950.8	-6123.2	1750	11.0	74940.2	-6120.7
1571	10.0	70731.9	-6100.9	1661	10.5	72955.2	-6150.1	1751	10.0	74940.9	-6127.2
1572	10.5	70732.8	-6159.1	1662	10.5	73009.4	-6103.6	1752	10.8	74949.7	-6132.2
1573	10.5	70756.5	-6158.1	1663	8.6	73010.8	-6125.2	1753	9.8	75005.9	-6129.7
1574	9.3	70801.8	-6120.1	1664	10.0	73017.0	-6122.0	1754	10.8	75014.2	-6138.7
1575	10.3	70802.8	-6117.1	1665	10.3	73022.2	-6105.4	1755	11.0	75016.1	-6150.7
1576	10.5	70804.6	-6108.1	1666	11.0	73047.3	-6155.0	1756	11.0	75027.4	-6133.6
1577	10.5	70813.8	-6157.1	1667	10.8	73112.6	-6157.0	1757	9.5	75029.0	-6123.6
1578	11.0	70822.8	-6151.1	1668	10.8	73118.4	-6123.0	1758	10.8	75029.8	-6130.6
1579	10.5	70924.9	-6132.0	1669	9.9	73126.7	-6144.0	1759	11.5	75039.6	-6114.6
1580	9.2	70952.8	-6137.0	1670	9.9	73205.8	-6100.8	1760	10.8	75047.7	-6115.6
1581	10.5	71018.0	-6126.0	1671	11.0	73206.4	-6110.0	1761	10.0	75112.9	-6133.8
1582	10.5	71026.9	-6111.0	1672	8.8	73209.7	-6137.9	1762	10.5	75114.8	-6122.3
1583	9.2	71037.8	-6103.7	1673	10.0	73212.6	-6142.9	1763	9.0	75115.4	-6119.6
1584	9.5	71049.2	-6149.9	1674	10.3	73240.3	-6122.9	1764	9.0	75134.8	-6159.6
1585	7.7	71054.6	-6109.9	1675	10.5	73246.2	-6117.9	1765	10.3	75138.2	-6143.4
1586	10.3	71101.8	-6130.7	1676	10.8	73302.6	-6156.9	1766	8.2	75148.8	-6138.4
1587	9.3	71126.8	-6123.9	1677	9.5	73310.0	-6153.9	1767	11.0	75158.5	-6159.6
1588	9.5	71142.0	-6151.9	1678	9.3	73332.3	-6117.9	1768	10.8	75207.4	-6117.6

-61 1858 8h07m

1769	10.0	75211.8	-6108.2								
1770	10.5	75217.0	-6133.6								
1771	9.2	75219.3	-6142.3								
1772	9.7	75224.2	-6138.3								
1773	10.0	75226.2	-6129.3								
1774	9.2	75236.8	-6114.6								
1775	10.3	75237.6	-6153.3								
1776	7.6	75238.2	-6132.0								
1777	10.5	75244.3	-6154.5								
1778	11.0	75247.3	-6116.2								
1779	10.3	75318.2	-6103.7								
1780	10.3	75319.4	-6104.7								
1781	9.4	75321.6	-6122.5								
1782	10.3	75324.4	-6108.2								
1783	10.3	75331.1	-6118.5								
1784	10.3	75337.1	-6116.5								
1785	10.8	75342.6	-6123.5								
1786	9.4	75345.1	-6100.9								
1787	11.3	75359.7	-6148.5								
1788	9.9	75409.8	-6155.5								
1789	9.9	75425.7	-6147.4								
1790	9.6	75427.3	-6135.4								
1791	9.7	75446.7	-6148.4								
1792	11.5	75507.5	-6.59.4								
1793	9.9	75508.3	-6138.4								
1794	10.3	75521.5	-6128.4								
1795	9.5	75558.5	-6101.6								
1796	8.8	75604.7	-6144.4								
1797	10.3	75609.0	-6148.4								
1798	9.8	75614.2	-6106.0								
1799	10.0	75625.9	-6105.0								
1800	10.0	75627.7	-6144.3								
1801	10.8	75633.0	-6121.3								
1802	10.8	75642.3	-6111.3								
1803	11.3	75645.5	-6134.3								
1804	11.0	75657.8	-6105.3								
1805	7.5	75705.2	-6115.3								
1806	10.8	75712.8	-6124.3								
1807	11.5	75714.8	-6143.3								
1808	11.3	75728.1	-6143.3								
1809	9.7	75746.9	-6105.6								
1810	9.4	75757.9	-6108.0								
1811	10.8	75802.4	-6135.2								
1812	9.4	75821.8	-6136.2								
1813	9.3	75849.2	-6153.2								
1814	9.0	75855.8	-6115.2								
1815	7.9	75901.3	-6110.2								
1816	1.5	75903.9	-6120.2								
1817	4.3	75912.6	-6101.7								
1818	8.1	75922.7	-6132.2								
1819	7.8	75928.2	-6119.2								
1820	5.3	75929.8	-6155.5								
1821	6.8	75936.9	-6104.7								
1822	9.4	75950.7	-6150.2								
1823	10.8	80016.0	-6126.1								
1824	11.0	80016.2	-6109.1								
1825	11.5	80047.2	-6127.1								
1826	11.0	80052.6	-6134.1								
1827	9.2	80100.5	-6143.1								
1828	10.0	80108.2	-6150.1								
1829	7.7	80113.8	-6147.1								
1830	9.2	80118.9	-6103.4								
1831	9.1	80119.7	-6133.1								
1832	10.5	80134.7	-6126.1								
1833	9.8	80144.8	-6134.1								
1834	12.0	80150.9	-6114.1								
1835	9.4	80201.2	-6127.0								
1836	11.5	80223.5	-6153.0								
1837	10.5	80229.4	-6101.6								
1838	11.5	80254.4	-6153.0								
1839	11.8	80255.3	-6106.0								
1840	10.5	80312.2	-6110.3								
1841	9.5	80322.3	-6137.0								
1842	10.5	80349.1	-6137.0								
1843	8.6	80415.5	-6109.9								
1844	10.3	80420.9	-6102.6								
1845	10.5	80441.8	-6155.9								
1846	10.5	80443.1	-6119.9								
1847	11.5	80447.1	-6109.9								
1848	9.0	80511.8	-6100.3								
1849	8.7	80513.3	-6113.9								
1850	10.5	80515.3	-6102.8								
1851	10.8	80532.3	-6101.8								
1852	8.6	80549.7	-6147.8								
1853	9.2	80557.9	-6110.8								
1854	8.2	80605.0	-6159.8								
1855	9.1	80619.8	-6136.8								
1856	8.8	80621.6	-6113.8								
1857	8.6	80643.7	-6111.8								
1858	10.0	80709.0	-6108.8								

-61 1859 8h07m

-61 2218 9h18m

1859	8.9	80709.5	-6112.8	1949	11.0	82556.3	-6134.8	2039	10.3	84523.4	-6136.2
1860	11.5	80712.2	-6140.8	1950	9.9	82622.7	-6131.8	2040	10.5	84525.7	-6152.2
1861	9.6	80732.4	-6152.8	1951	10.0	82645.2	-6151.7	2041	10.5	84619.1	-6112.1
1862	9.0	80732.8	-6141.8	1952	8.7	82651.2	-6126.7	2042	10.5	84650.6	-6148.1
1863	9.9	80750.6	-6137.7	1953	11.0	82653.0	-6106.1	2043	9.0	84703.2	-6129.1
1864	11.0	80803.2	-6126.7	1954	9.8	82731.8	-6140.7	2044	8.4	84704.2	-6108.2
1865	8.7	80816.7	-6128.7	1955	9.8	82732.6	-6121.9	2045	9.7	84709.8	-6101.6
1866	11.0	80832.3	-6133.7	1956	10.0	82747.6	-6159.7	2046	9.9	84759.8	-6124.1
1867	10.3	80842.2	-6106.6	1957	10.0	82748.2	-6143.7	2047	10.8	84815.1	-6103.3
1868	10.0	80845.2	-6157.7	1958	9.0	82748.9	-6138.7	2048	10.0	84817.2	-6147.1
1869	11.0	80914.0	-6127.7	1959	11.0	82758.4	-6105.4	2049	11.0	84825.2	-6151.1
1870	9.9	80918.0	-6103.4	1960	11.0	82830.6	-6151.7	2050	9.9	84838.7	-6150.6
1871	11.0	81035.0	-6146.6	1961	11.0	82841.5	-6110.6	2051	11.0	84909.6	-6106.3
1872	11.0	81036.6	-6137.6	1962	10.5	82851.7	-6123.6	2052	10.5	84920.9	-6109.9
1873	8.9	81037.1	-6127.6	1963	10.5	82859.1	-6114.6	2053	10.0	84958.7	-6118.0
1874	10.5	81043.6	-6105.0	1964	8.0	82924.9	-6154.6	2054	9.9	84959.7	-6150.0
1875	11.5	81055.4	-6112.6	1965	10.5	82954.2	-6129.6	2055	9.7	85013.4	-6141.0
1876	11.0	81059.4	-6106.0	1966	11.3	83007.4	-6123.6	2056	9.7	85021.8	-6158.0
1877	10.0	81112.3	-6100.4	1967	11.0	83020.7	-6150.6	2057	9.4	85027.3	-6112.0
1878	10.3	81116.7	-6148.6	1968	9.6	83024.3	-6133.6	2058	9.5	85036.8	-6158.0
1879	9.9	81152.9	-6115.5	1969	10.0	83027.6	-6114.6	2059	10.8	85113.0	-6142.0
1880	7.4	81158.2	-6103.8	1970	9.8	83039.7	-6122.5	2060	9.7	85129.2	-6152.9
1881	9.4	81203.6	-6108.8	1971	10.0	83100.6	-6118.5	2061	9.3	85136.6	-6112.9
1882	9.4	81206.1	-6101.8	1972	10.5	83115.4	-6100.3	2062	10.5	85138.8	-6101.2
1883	10.8	81213.6	-6115.5	1973	9.8	83117.2	-6142.5	2063	11.0	85141.5	-6126.9
1884	9.1	81218.1	-6116.5	1974	10.8	83121.3	-6151.5	2064	9.9	85143.3	-6154.9
1885	11.0	81235.4	-6157.5	1975	9.7	83152.2	-6150.5	2065	9.9	85204.1	-6110.9
1886	10.3	81238.7	-6124.5	1976	9.5	83154.8	-6101.9	2066	10.3	85206.4	-6142.9
1887	9.9	81243.8	-6153.5	1977	8.2	83202.8	-6132.9	2067	9.3	85218.1	-6134.9
1888	11.0	81250.3	-6144.5	1978	9.8	83218.8	-6138.5	2068	9.8	85224.7	-6145.9
1889	10.3	81252.6	-6117.5	1979	10.0	83252.0	-6110.4	2069	10.3	85225.7	-6116.9
1890	9.9	81303.3	-6142.5	1980	11.5	83343.8	-6155.4	2070	9.9	85232.8	-6157.9
1891	9.6	81323.2	-6127.4	1981	10.8	83344.7	-6111.4	2071	11.0	85243.3	-6100.2
1892	9.7	81333.2	-6146.4	1982	10.8	83345.7	-6113.4	2072	11.0	85244.8	-6126.9
1893	9.7	81339.2	-6148.4	1983	10.5	83347.7	-6103.3	2073	9.6	85248.6	-6112.9
1894	9.7	81339.6	-6115.4	1984	10.8	83349.0	-6101.3	2074	10.5	85312.7	-6152.9
1895	10.8	81342.9	-6106.8	1985	10.3	83354.8	-6105.4	2075	9.9	85323.4	-6134.9
1896	10.5	81348.3	-6151.4	1986	10.3	83402.0	-6144.3	2076	9.1	85331.6	-6144.9
1897	10.3	81400.7	-6148.4	1987	8.0	83409.3	-6131.6	2077	10.8	85333.1	-6105.2
1898	8.5	81406.5	-6159.4	1988	11.5	83411.4	-6139.4	2078	10.0	85334.8	-6104.2
1899	10.5	81418.6	-6122.4	1989	10.3	83413.2	-6149.6	2079	10.0	85343.0	-6103.9
1900	10.0	81421.1	-6100.3	1990	11.0	83440.5	-6105.3	2080	8.5	85344.1	-6123.9
1901	10.3	81422.4	-6136.4	1991	10.8	83443.6	-6102.3	2081	9.0	85347.2	-6109.9
1902	10.8	81431.9	-6109.4	1992	9.8	83501.3	-6127.6	2082	9.9	85423.3	-6125.8
1903	9.5	81504.8	-6115.4	1993	9.8	83607.8	-6128.5	2083	8.0	85428.6	-6105.4
1904	10.5	81508.0	-6106.8	1994	9.9	83653.4	-6120.5	2084	9.9	85428.6	-6107.8
1905	8.6	81532.3	-6104.6	1995	10.3	83728.9	-6142.5	2085	9.6	85444.9	-6159.8
1906	9.6	81615.7	-6145.3	1996	10.3	83736.8	-6105.3	2086	9.6	85452.8	-6105.5
1907	9.2	81619.4	-6127.3	1997	9.5	83737.0	-6101.8	2087	10.5	85454.1	-6158.8
1908	11.8	81622.9	-6132.3	1998	10.0	83737.9	-6104.3	2088	9.9	85531.8	-6131.8
1909	10.0	81655.0	-6107.6	1999	11.0	83802.2	-6123.4	2089	9.8	85549.8	-6154.8
1910	8.5	81700.6	-6119.0	2000	11.0	83809.7	-6146.4	2090	9.2	85549.8	-6147.2
1911	11.0	81707.9	-6102.2	2001	10.3	83809.9	-6113.4	2091	10.0	85609.4	-6139.8
1912	10.5	81708.1	-6121.3	2002	8.2	83816.7	-6115.4	2092	9.0	85623.3	-6144.8
1913	11.5	81751.5	-6110.2	2003	10.5	83818.5	-6101.3	2093	10.5	85623.6	-6111.8
1914	11.3	81807.5	-6124.2	2004	11.5	83834.9	-6138.4	2094	8.4	85633.5	-6121.8
1915	10.8	81814.5	-6116.2	2005	9.8	83843.2	-6116.4	2095	10.5	85647.1	-6112.7
1916	10.3	81815.8	-6154.9	2006	11.0	83844.4	-6107.3	2096	11.0	85656.5	-6104.2
1917	11.0	81819.4	-6145.2	2007	10.8	83858.6	-6113.4	2097	10.5	85706.9	-6132.7
1918	10.8	81832.4	-6159.2	2008	10.0	83903.9	-6105.3	2098	9.8	85718.9	-6139.7
1919	10.8	81852.7	-6152.2	2009	9.8	83920.2	-6147.2	2099	10.3	85742.2	-6152.7
1920	9.2	81858.4	-6102.1	2010	11.0	83936.6	-6152.4	2100	9.8	85744.2	-6106.0
1921	11.0	81912.0	-6115.1	2011	9.6	83938.8	-6133.4	2101	10.0	85750.8	-6132.7
1922	11.3	81914.2	-6111.1	2012	10.8	83955.8	-6103.4	2102	9.7	85752.3	-6154.7
1923	9.7	81937.1	-6158.1	2013	10.5	84007.1	-6112.4	2103	10.0	85754.9	-6133.7
1924	10.0	82020.0	-6104.1	2014	10.8	84035.0	-6140.3	2104	10.3	85817.2	-6110.2
1925	11.0	82022.0	-6105.1	2015	11.0	84039.8	-6156.3	2105	9.4	85831.4	-6136.7
1926	9.4	82028.8	-6109.1	2016	10.0	84048.7	-6153.3	2106	10.8	85846.7	-6132.7
1927	11.0	82031.3	-6122.1	2017	6.9	84057.2	-6113.3	2107	10.3	85849.3	-6131.7
1928	11.0	82043.5	-6117.1	2018	10.8	84059.9	-6118.3	2108	10.5	85910.7	-6117.7
1929	9.8	82107.7	-6127.0	2019	9.4	84101.2	-6150.3	2109	10.5	85911.8	-6118.7
1930	9.7	82110.1	-6117.0	2020	10.5	84115.2	-6121.3	2110	10.5	85931.2	-6107.0
1931	10.0	82121.6	-6159.0	2021	9.8	84126.2	-6118.3	2111	10.3	85932.5	-6102.7
1932	9.9	82128.5	-6108.0	2022	9.4	84136.9	-6140.3	2112	10.3	85932.6	-6109.4
1933	9.9	82148.2	-6152.0	2023	10.0	84139.2	-6143.3	2113	9.6	85953.8	-6100.8
1934	9.9	82210.7	-6105.4	2024	10.5	84139.8	-6105.3	2114	10.5	85953.8	-6100.3
1935	11.0	82254.3	-6136.0	2025	9.1	84152.9	-6139.3	2115	10.5	90009.2	-6103.8
1936	9.7	82304.1	-6145.9	2026	11.0	84211.9	-6147.3	2116	11.0	90020.9	-6108.8
1937	11.0	82306.9	-6148.9	2027	9.6	84231.4	-6136.3	2117	9.8	90022.1	-6151.6
1938	11.0	82423.5	-6122.9	2028	9.6	84256.8	-6128.3	2118	9.1	90023.6	-6144.6
1939	10.3	82442.0	-6102.1	2029	10.8	84301.3	-6156.3	2119	10.3	90028.3	-6127.6
1940	10.5	82456.0	-6100.1	2030	11.0	84316.1	-6125.2	2120	10.5	90030.0	-6147.6
1941	9.1	82504.0	-6140.8	2031	10.8	84332.1	-6145.2	2121	7.9	90030.0	-6152.0
1942	11.0	82514.6	-6156.8	2032	11.0	84349.4	-6152.2	2122	9.5	90125.7	-6122.8
1943	10.5	82520.3	-6153.8	2033	11.0	84351.6	-6141.2	2123	9.7	90129.4	-6137.6
1944	11.0	82531.9	-6154.8	2034	10.5	84457.9	-6136.2	2124	9.9	90141.7	-6146.6
1945	11.0	82537.6	-6120.8	2035	10.5	84504.2	-6122.2	2125	10.5	90200.4	-6103.4
1946	11.0	82547.6	-6151.8	2036	9.7	84507.2	-6101.0	2126	7.8	90228.8	-6119.5
1947	9.8	82548.3	-6155.8	2037	9.5	84510.3	-6155.2	2127	10.5	90246.7	-6158.5
1948	9.0	82550.0	-6108.5	2038	9.7	84523.2	-6115.2	2128	8.3	90251.8	-6135.5
2129	9.9	90252.4	-6134.5								
2130	9.2	90304.2	-6136.5								
2131	9.8	90305.8	-6151.5								
2132	10.5	90319.8	-6137.5								
2133	10.0	90352.8	-6159.3								
2134	10.0	90353.8	-6134.3								
2135	10.3	90407.2	-6129.3								
2136	9.9	90409.4	-6139.3								
2137	9.7	90413.4	-6141.3								
2138	8.2	90414.9	-6115.3								
2139	10.3	90418.5	-6103.0								
2140	10.5	90436.5	-6150.2								
2141	9.3	90515.3	-6159.2								
2142	9.8	90517.8	-6106.0								
2143	9.6	90520.7	-6121.2								
2144	10.0	90606.9	-6105.8								
2145	10.0	90609.4	-6103.5								
2146	10.0	90613.6	-6111.2								
2147	8.7	90615.3	-6126.2								
2148	9.9	90615.5	-6117.2								
2149	9.4	90624.8	-6120.2								
2150	10.8	90634.4	-6147.2								
2151	9.9	90639.2	-6119.2								
2152	9.6	90648.7	-6119.2								
2153	9.2	90700.9	-6146.2								
2154	10.3	90733.6	-6114.1								
2155	10.8	90757.3	-6111.1								
2156	10.0	90800.7	-6144.1								
2157	10.0	90815.7	-6101.0								
2158	10.8	90818.1	-6127.1								
2159	10.5	90822.6	-6101.0								
2160	4.4	90826.6	-6149.1								
2161	9.5	90840.8	-6159.1								
2162	10.3	90909.7	-6121.1								
2163	11.0	90912.0	-6137.1								
2164	10.8	90915.6	-6139.1								
2165	10.3	90919.4	-6114.1								
2166	10.5	90937.7	-6135.1								
2167	9.6	90946.2	-6145.1								
2168	10.5	91015.1	-6132.1								
2169	8.9	91020.5	-6155.0								
2170	9.6	91020.5	-6124.0								
2171	9.8	91025.2	-6151.0								
2172	10.8	91028.3	-6155.0								
2173	9.0	91039.0	-6108.8								
2174	9.0	91114.9	-6136.0								
2175	9.9	91128.7	-6152.0								
2176	10.3	91129.9	-6139.0								
2177	10.0	91149.9	-6141.0								
2178	10.8	91153.8	-6109.4								
2179	9.9	91212.2	-6124.0								
2180	10.3	91219.0	-6100.0								
2181	8.8	91224.0	-6105.2								
2182	10.5	91229.2	-6115.0								
2183	10.3	91233.4	-6143.0								
2184	10.0	91250.5	-6101.1								
2185	10.3	91250.7	-6129.0								
2186	9.2	91316.8	-6129.9								
2187	10.5	91340.6	-6118.9								
2188	10.5	91350.2	-6100.8								
2189	10.5	91356.5	-6103.8								
2190	8.4	91400.9	-6154.9								
2191	9.0	91404.1	-6148.8								
2192	10.5	91405.4	-6132.9								
2193	9.1	91412.2	-6154.9								
2194	10.5	91430.8	-6100.8								
2195	8.8	91456.6	-6117.9								
2196	9.3	91503.4	-6141.9								
2197	8.5	91506.2	-6108.9								
2198	9.8	91510.3	-6157.9								
2199	10.3	91513.8	-6105.9								
2200	9.6	91519.3	-6102.8								
2201	9.6	91543.2	-6123.9								
2202	9.9	91600.4	-6123.9								
2203	9.6	91610.3	-6158.8								
2204	8.4	91622.0	-6112.8								
2205	10.3	91626.3	-6102.4								
2206	9.1	91626.4	-6108.8								
2207	10.8	91636.0	-6139.8								
2208	10.8	91710.9	-6140.8								
2209	7.3	91728.5	-6127.8								
2210	11.0	91736.1	-6131.8								
2211	10.5	91756.5	-6109.2								
2212	5.5	91757.0	-6152.8								
2213	9.0	91809.3	-6124.8								
2214	9.8	91814.7	-6117.8								
2215	9.4	91817.2	-6130.8								
2216	10.0	91826.8	-6106.8								
2217	9.9	91829.7	-6147.8								
2218	9.4	91830.3	-6112.8								

-61 2219 9h18m

-61 2578 10h14m

2219	9.8	91833.8	-6141.8	2309	10.3	93614.6	-6110.1	2399	9.8	95008.7	-6151.0
2220	9.3	91838.6	-6137.8	2310	10.3	93623.2	-6114.1	2400	10.8	95011.1	-6103.2
2221	9.6	91839.5	-6130.8	2311	10.0	93628.2	-6116.1	2401	10.5	95012.4	-6149.0
2222	10.0	91839.8	-6131.8	2312	9.8	93628.7	-6121.1	2402	7.7	95018.8	-6131.0
2223	9.8	91841.5	-6138.8	2313	10.5	93630.5	-6140.1	2403	10.3	95024.9	-6144.0
2224	9.8	91841.5	-6129.8	2314	10.0	93632.2	-6153.1	2404	9.4	95044.7	-6129.0
2225	9.1	91908.9	-6115.7	2315	9.2	93642.0	-6148.1	2405	10.8	95053.2	-6117.0
2226	10.0	91915.7	-6142.7	2316	10.5	93648.1	-6110.1	2406	10.5	95055.4	-6109.0
2227	10.3	91920.8	-6130.7	2317	10.5	93706.0	-6108.8	2407	11.0	95056.7	-6100.2
2228	10.5	91921.4	-6124.7	2318	9.0	93707.2	-6157.1	2408	10.0	95113.9	-6157.0
2229	10.3	91928.1	-6107.7	2319	10.5	93710.8	-6113.1	2409	10.3	95123.9	-6139.0
2230	10.0	91929.0	-6149.7	2320	9.6	93714.2	-6116.1	2410	10.3	95127.4	-6129.0
2231	9.8	91936.0	-6142.7	2321	10.3	93728.3	-6144.1	2411	9.6	95139.5	-6159.0
2232	9.3	91952.1	-6137.7	2322	10.5	93733.4	-6106.8	2412	10.5	95141.7	-6129.0
2233	8.7	91956.1	-6142.7	2323	10.3	93740.6	-6104.2	2413	9.7	95144.5	-6109.0
2234	10.3	92040.2	-6153.7	2324	10.5	93742.3	-6114.1	2414	9.9	95150.3	-6130.0
2235	9.8	92046.2	-6119.7	2325	10.5	93745.4	-6113.1	2415	9.3	95151.1	-6113.0
2236	6.8	92055.3	-6106.7	2326	10.0	93748.0	-6129.1	2416	9.6	95153.8	-6107.0
2237	11.0	92108.1	-6132.7	2327	10.3	93748.9	-6122.1	2417	11.0	95204.5	-6100.1
2238	10.5	92118.4	-6127.7	2328	10.0	93749.4	-6159.1	2418	10.8	95209.6	-6101.1
2239	9.3	92124.7	-6117.7	2329	10.0	93758.4	-6159.1	2419	10.5	95211.9	-6121.0
2240	9.5	92128.8	-6155.7	2330	9.5	93838.7	-6115.1	2420	11.0	95219.3	-6119.0
2241	9.5	92129.7	-6149.7	2331	10.3	93851.3	-6137.1	2421	11.0	95222.5	-6153.0
2242	9.8	92145.4	-6137.7	2332	9.6	93852.8	-6126.1	2422	10.0	95228.8	-6128.0
2243	9.6	92148.4	-6138.7	2333	9.3	93910.7	-6150.0	2423	10.8	95254.6	-6106.6
2244	6.1	92220.4	-6124.6	2334	10.5	93918.3	-6110.0	2424	10.0	95303.8	-6154.0
2245	10.5	92249.9	-6128.6	2335	10.3	93923.9	-6159.0	2425	9.9	95307.7	-6129.0
2246	10.3	92255.4	-6136.6	2336	10.5	93933.4	-6150.0	2426	9.5	95318.3	-6107.3
2247	9.9	92354.8	-6157.6	2337	10.0	93937.7	-6155.0	2427	10.0	95338.6	-6128.0
2248	9.7	92411.4	-6138.6	2338	10.3	93942.8	-6125.0	2428	10.0	95352.0	-6110.0
2249	10.5	92416.8	-6150.6	2339	10.5	93943.8	-6145.0	2429	7.2	95403.6	-6119.8
2250	10.3	92508.8	-6105.5	2340	9.4	93951.6	-6103.1	2430	9.2	95407.8	-6105.1
2251	9.6	92524.7	-6145.5	2341	10.3	94015.2	-6133.0	2431	10.8	95411.2	-6109.0
2252	6.7	92538.5	-6143.5	2342	9.2	94049.2	-6152.0	2432	9.8	95424.5	-6112.0
2253	10.5	92624.3	-6154.5	2343	9.6	94050.8	-6150.0	2433	7.5	95427.9	-6159.9
2254	7.2	92624.6	-6148.5	2344	10.0	94056.7	-6121.0	2434	10.3	95431.7	-6129.0
2255	8.6	92638.8	-6101.4	2345	10.3	94101.0	-6110.0	2435	9.9	95439.3	-6159.0
2256	9.2	92643.1	-6118.5	2346	9.9	94111.3	-6117.0	2436	9.8	95512.7	-6159.0
2257	9.1	92648.4	-6107.8	2347	9.8	94113.6	-6140.0	2437	8.1	95513.9	-6143.0
2258	10.5	92658.7	-6107.8	2348	10.3	94145.1	-6113.0	2438	10.3	95532.2	-6113.0
2259	8.2	92708.3	-6114.5	2349	4.5	94149.0	-6156.0	2439	10.8	95543.2	-6151.0
2260	10.5	92725.0	-6149.4	2350	9.9	94154.3	-6119.0	2440	10.5	95547.0	-6127.0
2261	9.7	92729.4	-6137.4	2351	11.0	94155.1	-6103.3	2441	8.7	95550.5	-6145.9
2262	8.7	92745.3	-6124.4	2352	9.4	94158.9	-6137.9	2442	9.3	95558.4	-6109.8
2263	11.0	92751.2	-6108.1	2353	9.8	94202.9	-6107.9	2443	8.6	95603.6	-6100.6
2264	10.8	92804.7	-6103.1	2354	10.5	94207.9	-6126.9	2444	10.5	95611.5	-6159.0
2265	10.0	92812.3	-6126.4	2355	10.5	94209.6	-6135.9	2445	9.7	95612.7	-6116.0
2266	10.3	92829.1	-6113.4	2356	10.8	94222.8	-6117.9	2446	10.5	95624.5	-6124.0
2267	10.0	92832.2	-6111.4	2357	10.3	94227.6	-6110.9	2447	10.8	95626.7	-6156.0
2268	10.5	92839.2	-6104.1	2358	9.1	94245.6	-6122.9	2448	10.0	95628.2	-6101.0
2269	10.5	92842.8	-6152.4	2359	10.5	94303.0	-6147.9	2449	10.0	95634.9	-6133.0
2270	10.0	92858.8	-6156.4	2360	10.5	94325.3	-6103.0	2450	8.1	95645.5	-6109.5
2271	9.7	92859.9	-6159.4	2361	9.6	94327.3	-6157.9	2451	9.5	95651.8	-6105.8
2272	10.3	92919.3	-6121.4	2362	9.5	94332.2	-6145.9	2452	10.3	95701.2	-6116.0
2273	10.3	92945.2	-6137.4	2363	9.9	94351.5	-6127.9	2453	10.3	95703.4	-6115.0
2274	9.4	93005.8	-6125.4	2364	9.6	94402.7	-6109.0	2454	10.3	95703.8	-6153.0
2275	10.0	93013.4	-6142.4	2365	10.0	94422.9	-6134.9	2455	10.5	95722.6	-6113.0
2276	9.8	93029.2	-6147.3	2366	9.4	94432.9	-6138.9	2456	9.8	95729.7	-6129.0
2277	8.4	93057.0	-6153.3	2367	9.8	94440.3	-6155.9	2457	9.6	95742.6	-6127.0
2278	10.3	93101.2	-6123.3	2368	9.8	94444.4	-6141.9	2458	10.3	95744.7	-6101.0
2279	9.8	93104.2	-6109.2	2369	9.5	94455.4	-6138.8	2459	9.8	95749.8	-6131.0
2280	10.8	93104.4	-6105.3	2370	10.0	94500.0	-6120.8	2460	10.5	95755.7	-6141.0
2281	9.9	93119.4	-6143.3	2371	8.9	94505.9	-6135.8	2461	9.8	95755.7	-6150.0
2282	10.3	93121.5	-6138.3	2372	10.3	94524.2	-6117.8	2462	9.2	95819.0	-6110.0
2283	9.8	93128.5	-6106.0	2373	10.5	94557.9	-6116.8	2463	9.0	95847.4	-6147.0
2284	10.5	93147.8	-6132.3	2374	10.3	94607.2	-6120.8	2464	10.0	95849.1	-6127.0
2285	10.3	93157.0	-6122.3	2375	8.9	94616.8	-6139.8	2465	9.9	95849.9	-6122.0
2286	10.3	93206.2	-6150.3	2376	10.8	94619.9	-6100.2	2466	9.8	95850.9	-6129.0
2287	9.8	93209.3	-6130.3	2377	10.5	94648.2	-6144.8	2467	9.7	95851.5	-6159.0
2288	8.9	93211.3	-6110.6	2378	10.8	94648.6	-6122.8	2468	9.0	95852.5	-6147.0
2289	8.4	93213.3	-6154.3	2379	10.8	94653.7	-6131.8	2469	10.0	95854.4	-6134.0
2290	10.3	93226.1	-6140.3	2380	9.8	94657.7	-6102.8	2470	7.0	95900.9	-6133.0
2291	10.0	93306.0	-6101.9	2381	10.0	94658.6	-6108.0	2471	9.0	95913.1	-6125.0
2292	10.5	93313.6	-6101.6	2382	10.3	94704.4	-6114.8	2472	10.5	95922.3	-6124.0
2293	10.5	93329.4	-6124.3	2383	10.0	94710.3	-6150.8	2473	8.5	95938.3	-6119.0
2294	9.9	93344.2	-6123.2	2384	9.6	94730.8	-6156.8	2474	6.7	95942.2	-6117.0
2295	10.3	93351.2	-6118.2	2385	9.7	94739.1	-6109.8	2475	11.0	95948.8	-6119.0
2296	10.5	93353.3	-6157.2	2386	8.8	94812.8	-6126.7	2476	10.8	95954.9	-6148.0
2297	8.5	93402.6	-6104.4	2387	9.8	94835.9	-6159.7	2477	10.3	100010.5	-6158.0
2298	10.5	93440.5	-6108.2	2388	8.5	94840.0	-6150.0	2478	9.1	100012.7	-6138.8
2299	10.5	93443.2	-6142.2	2389	11.5	94840.0	-6153.0	2479	9.7	100026.3	-6142.0
2300	7.7	93509.7	-6159.9	2390	10.3	94855.1	-6125.0	2480	10.0	100034.3	-6154.0
2301	9.6	93512.6	-6112.2	2391	10.8	94859.7	-6129.0	2481	10.0	100040.5	-6123.0
2302	10.5	93517.7	-6144.2	2392	9.8	94904.8	-6106.0	2482	9.8	100046.2	-6128.0
2303	9.9	93521.8	-6129.2	2393	10.0	94911.4	-6107.3	2483	10.5	100049.1	-6114.0
2304	9.6	93530.2	-6145.2	2394	10.3	94919.4	-6109.2	2484	9.3	100050.6	-6104.1
2305	10.3	93539.7	-6114.2	2395	10.5	94921.0	-6123.0	2485	10.8	100053.3	-6109.0
2306	10.8	93540.4	-6104.0	2396	8.3	94928.0	-6145.0	2486	7.8	100112.8	-6104.4
2307	10.8	93541.9	-6112.2	2397	10.5	94945.1	-6115.0	2487	10.8	100114.7	-6128.0
2308	7.8	93551.9	-6159.9	2398	9.8	94956.1	-6159.0	2488	9.0	100122.3	-6153.0
2489	9.3	100129.1	-6149.0								
2490	10.3	100130.2	-6151.0								
2491	10.3	100151.0	-6159.0								
2492	9.7	100157.6	-6148.0								
2493	9.7	100203.2	-6137.9								
2494	10.8	100207.0	-6158.9								
2495	9.9	100228.0	-6122.9								
2496	10.0	100229.2	-6116.9								
2497	10.5	100239.9	-6153.9								
2498	9.4	100249.7	-6149.9								
2499	9.1	100302.4	-6143.9								
2500	10.3	100303.4	-6151.9								
2501	10.3	100326.3	-6104.0								
2502	8.5	100328.7	-6127.9								
2503	8.3	100335.7	-6137.9								
2504	7.0	100402.1	-6136.9								
2505	8.1	100416.2	-6109.4								
2506	9.8	100428.5	-6123.9								
2507	10.0	100430.6	-6111.9								
2508	10.0	100445.6	-6126.9								
2509	9.1	100453.7	-6116.9								
2510	10.5	100548.8	-6129.9								
2511	10.0	100556.0	-6157.9								
2512	9.7	100600.5	-6158.9								
2513	10.0	100604.6	-6141.9								
2514	10.0	100614.8	-6117.9								
2515	10.3	100617.1	-6125.9								
2516	10.0	100623.1	-6104.0								
2517	9.6	100635.2	-6114.9								
2518	10.0	100657.9	-6132.9								
2519	10.0	100658.9	-6106.0								
2520	7.8	100712.7	-6109.4								
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2523	9.1	100725.4	-6142.9								
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2526	10.3	100742.8	-6138.9								
2527	10.0	100747.6	-6102.9								
2528	10.5	100758.0	-6111.9								
2529	10.5	100759.2	-6128.9								
2530	9.9	100800.4	-6155.9								
2531	10.0	100810.0	-6155.9								
2532	10.3	100814.2	-6137.9								
2533	10.8	100843.6	-6124.8								
2534	10.3	100845.0	-6110.8								
2535	9.1	100853.0	-6110.8								
2536	9.7	100906.4	-6156.8								
2537	9.4	100910.5	-6140.2								
2538	6.9	100916.6	-6102.3								
2539	9.6	100919.4	-6133.0								
2540	8.2	100923.2	-6152.8								
2541	8.8	100923.7	-6128.8								
2542	9.8	100929.8	-6130.8								
2543	9.3	100938.2	-6115.8								
2544	9.7	100938.7	-6101.9								
2545	9.4	100940.0	-6146.8								
2546	10.5	100956.0	-6123.8								
2547	10.3	101003.6	-6124.8								
2548	10.0	101020.2	-6102.9								
2549	9.9	101022.6	-6140.9								
2550	9.0	101026.7	-6150.8								
2551	9.7	101027.4	-6132.8								
2552	10.3	101029.0	-6110.8								
2553	9.2	101049.7	-6138.8								
2554	9.0	101054.0	-6157.8								
2555	11.0	101106.5	-6112.8								
2556	9.3	101110.1	-6125.8								
2557	9.9	101117.7	-6150.8								
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2559	10.0	101129.1	-6104.9								
2560	7.1	101131.4	-6155.8								
2561	10.0	101147.0	-6122.8								
2562	10.5	101152.8	-6139.8								
2563	9.8	101156.2	-6108.8								
2564	10.5	101205.9	-6118.8								
2565	8.5	101235.3	-6140.8								
2566	9.1	101257.4	-6103.3								
2567	10.5	101306.3	-6154.8								
2568	10.5	101313.4	-6123.8								
2569	10.0	101332.9	-6130.8								
2570	9.8	101333.2	-6138.8								
2571	9.8	101339.7	-6138.8								
2572	10.3	101354.8	-6115.8								
2573	10.0	101359.7	-6100.8								
2574	10.0	101401.6	-6124.8								
2575	10.0	101431.5	-6121.2								
2576	10.0	101432.4	-6120.0								
2577	9.7	101433.1	-6112.2								
2578	8.5	101435.9	-6102.8								

2579	10.0	101458.8	-6106.2	2669	9.6	102503.8	-6141.0	2759	9.7	103738.5	-6134.8
2580	9.6	101459.6	-6104.8	2670	10.5	102504.8	-6153.0	2760	9.6	103742.9	-6113.8
2581	9.6	101500.5	-6122.2	2671	9.1	102513.7	-6128.0	2761	9.3	103751.4	-6131.8
2582	10.5	101505.6	-6117.2	2672	10.0	102516.3	-6150.0	2762	8.5	103756.0	-6132.8
2583	10.3	101509.7	-6138.2	2673	9.7	102529.4	-6106.9	2763	9.6	103803.2	-6142.8
2584	11.0	101523.6	-6159.2	2674	10.0	102538.7	-6148.9	2764	9.1	103807.5	-6115.8
2585	7.7	101525.1	-6134.2	2675	9.3	102542.8	-6129.9	2765	9.7	103809.3	-6145.8
2586	9.7	101532.2	-6100.3	2676	8.1	102551.7	-6150.9	2766	9.7	103815.5	-6144.7
2587	8.5	101559.8	-6100.8	2677	10.3	102553.9	-6114.9	2767	9.5	103818.6	-6104.8
2588	9.7	101612.3	-6145.2	2678	10.0	102600.5	-6152.9	2768	9.1	103822.2	-6134.7
2589	10.0	101623.9	-6142.2	2679	9.7	102632.3	-6140.9	2769	9.5	103831.5	-6157.7
2590	10.0	101625.8	-6141.2	2680	10.0	102643.9	-6120.9	2770	9.0	103834.3	-6158.7
2591	9.8	101630.3	-6151.2	2681	9.4	102647.5	-6121.9	2771	10.0	103835.4	-6153.7
2592	9.8	101648.4	-6121.2	2682	10.0	102656.6	-6118.9	2772	9.0	103839.5	-6102.7
2593	10.0	101649.4	-6155.2	2683	9.8	102702.7	-6107.7	2773	9.8	103841.2	-6125.7
2594	10.5	101650.0	-6148.2	2684	9.4	102710.1	-6135.9	2774	9.7	103847.3	-6125.0
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2596	10.0	101721.4	-6155.2	2686	9.7	102721.9	-6141.9	2776	9.4	103853.9	-6125.0
2597	10.3	101736.6	-6136.2	2687	9.5	102722.2	-6109.4	2777	9.8	103909.1	-6102.6
2598	8.5	101742.6	-6124.1	2688	4.0	102733.7	-6102.6	2778	10.3	103913.9	-6128.7
2599	10.0	101743.5	-6110.1	2689	8.5	102736.4	-6107.9	2779	9.8	103922.9	-6129.7
2600	7.5	101752.1	-6112.4	2690	10.5	102755.0	-6122.9	2780	10.0	103932.8	-6123.7
2601	10.0	101802.0	-6112.1	2691	8.3	102827.8	-6116.0	2781	8.6	103937.4	-6125.7
2602	8.4	101818.9	-6143.1	2692	9.7	102833.4	-6120.9	2782	10.0	103938.2	-6149.7
2603	7.1	101821.7	-6127.1	2693	9.9	102835.7	-6106.1	2783	10.0	103943.2	-6106.7
2604	11.0	101833.8	-6126.1	2694	10.5	102849.1	-6139.9	2784	9.9	103946.0	-6156.7
2605	10.0	101853.3	-6118.1	2695	9.5	102902.8	-6116.9	2785	9.8	103948.7	-6113.7
2606	10.5	101854.4	-6133.1	2696	10.5	102909.3	-6112.9	2786	9.3	103956.3	-6157.7
2607	10.3	101855.6	-6123.1	2697	10.5	103001.8	-6105.9	2787	9.6	104002.1	-6157.7
2608	9.2	101858.2	-6138.1	2698	10.0	103001.9	-6112.9	2788	9.4	104012.8	-6109.7
2609	10.0	101859.3	-6141.1	2699	10.0	103002.5	-6106.4	2789	10.5	104015.4	-6127.7
2610	10.5	101900.5	-6123.1	2700	10.0	103005.0	-6157.9	2790	10.0	104039.2	-6114.7
2611	8.4	101906.2	-6105.4	2701	9.5	103010.6	-6154.1	2791	9.1	104053.9	-6144.7
2612	10.0	101932.5	-6123.1	2702	10.3	103022.0	-6109.9	2792	9.6	104111.5	-6147.0
2613	9.5	101932.5	-6122.1	2703	9.5	103040.6	-6151.9	2793	9.6	104112.5	-6150.4
2614	10.5	101939.8	-6152.1	2704	9.9	103042.4	-6111.9	2794	9.8	104118.5	-6128.7
2615	10.5	101943.7	-6115.1	2705	9.0	103048.1	-6102.6	2795	10.5	104119.6	-6147.7
2616	9.6	101944.8	-6118.1	2706	9.5	103050.8	-6116.0	2796	7.8	104127.5	-6116.7
2617	10.3	101949.6	-6136.1	2707	9.6	103050.8	-6151.9	2797	9.8	104131.1	-6121.7
2618	10.5	102012.1	-6159.1	2708	8.7	103127.1	-6112.8	2798	10.3	104136.3	-6133.7
2619	11.0	102028.6	-6108.1	2709	9.3	103138.7	-6102.4	2799	9.4	104201.0	-6144.7
2620	9.8	102030.2	-6108.9	2710	10.0	103138.7	-6115.8	2800	10.0	104227.8	-6157.7
2621	9.0	102035.2	-6114.1	2711	9.3	103147.1	-6134.8	2801	9.0	104232.0	-6142.6
2622	10.0	102040.0	-6109.6	2712	10.0	103148.8	-6116.3	2802	9.8	104232.6	-6130.6
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-61 2939 11h02m

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-61 3298 11h54m

3299	9.7	115423.5	-6127.1	3389	9.8	120829.9	-6149.9	3479	7.6	122119.5	-6104.2
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3306	9.7	115511.9	-6136.1	3396	9.6	120940.2	-6127.9	3486	9.4	122219.3	-6122.9
3307	9.6	115521.3	-6115.1	3397	9.7	120945.7	-6159.9	3487	10.0	122314.5	-6147.5
3308	8.4	115523.7	-6150.1	3398	9.7	120958.3	-6115.9	3488	9.4	122322.4	-6153.9
3309	9.6	115536.5	-6147.1	3399	9.7	121000.1	-6140.9	3489	9.7	122325.1	-6118.9
3310	9.2	115537.3	-6140.1	3400	9.8	121006.7	-6125.9	3490	9.7	122331.0	-6111.1
3311	10.5	115541.5	-6108.5	3401	9.5	121014.2	-6146.9	3491	8.8	122332.4	-6107.9
3312	10.3	115557.1	-6102.5	3402	9.8	121014.6	-6134.9	3492	10.0	122336.9	-6105.7
3313	7.3	115601.8	-6142.1	3403	9.8	121030.2	-6125.9	3493	9.9	122343.3	-6118.9
3314	9.5	115605.9	-6115.1	3404	9.8	121047.0	-6108.9	3494	9.6	122351.8	-6116.9
3315	8.7	115628.4	-6103.6	3405	9.8	121056.3	-6119.9	3495	9.5	122400.8	-6158.9
3316	7.5	115632.9	-6128.7	3406	9.7	121111.3	-6122.9	3496	10.0	122410.5	-6157.0
3317	8.1	115634.8	-6159.1	3407	9.6	121115.4	-6136.9	3497	11.0	122412.2	-6102.6
3318	8.6	115640.9	-6117.7	3408	9.5	121121.7	-6142.9	3498	8.2	122412.5	-6112.9
3319	9.3	115643.8	-6107.6	3409	8.9	121128.2	-6128.9	3499	9.3	122414.5	-6158.9
3320	9.5	115718.5	-6135.9	3410	9.6	121130.3	-6115.9	3500	9.2	122448.2	-6131.9
3321	9.2	115722.7	-6106.1	3411	7.9	121131.2	-6156.9	3501	9.5	122454.5	-6107.9
3322	9.7	115736.1	-6105.1	3412	10.8	121133.9	-6105.7	3502	9.5	122502.0	-6100.8
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3326	8.5	115822.4	-6118.4	3416	10.0	121222.8	-6106.7	3506	8.2	122515.5	-6101.6
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3336	9.7	115928.5	-6150.1	3426	10.0	121416.7	-6102.6	3516	9.7	122617.7	-6126.9
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3349	9.2	120210.8	-6155.0	3439	9.3	121654.5	-6148.9	3529	10.0	122755.4	-6107.2
3350	9.5	120239.7	-6158.0	3440	9.8	121700.1	-6140.9	3530	9.4	122759.6	-6108.7
3351	9.7	120242.4	-6109.8	3441	9.8	121703.4	-6146.9	3531	10.3	122804.5	-6108.5
3352	9.2	120243.0	-6120.6	3442	8.6	121706.1	-6124.9	3532	9.9	122819.6	-6137.9
3353	9.1	120249.6	-6131.0	3443	9.5	121713.0	-6131.6	3533	7.2	122823.9	-6103.5
3354	9.5	120251.6	-6144.2	3444	10.0	121713.7	-6128.9	3534	9.4	122827.1	-6140.9
3355	9.2	120303.4	-6115.0	3445	9.5	121716.2	-6125.1	3535	6.6	122828.0	-6109.2
3356	8.2	120312.5	-6153.0	3446	9.3	121720.7	-6133.9	3536	9.7	122834.8	-6123.6
3357	9.0	120354.6	-6131.0	3447	8.5	121743.8	-6112.9	3537	9.4	122838.8	-6123.9
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3374	8.4	120613.2	-6111.9	3464	10.0	121931.9	-6112.9	3554	9.6	123229.2	-6126.9
3375	9.5	120618.0	-6111.3	3465	10.0	121942.0	-6107.9	3555	8.8	123248.3	-6103.5
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3608	9.3	124501.6	-6141.9								
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3610	9.7	124540.8	-6120.9								
3611	8.6	124630.3	-6106.4								
3612	10.0	124641.1	-6130.9								
3613	9.4	124644.3	-6157.6								
3614	9.4	124644.7	-6155.4								
3615	9.2	124653.1	-6107.9								
3616	9.5	124701.6	-6109.4								
3617	9.5	124711.2	-6130.9								
3618	7.5	124727.9	-6152.9								
3619	9.4	124759.5	-6110.4								
3620	9.3	124801.3	-6157.9								
3621	9.4	124819.1	-6156.9								
3622	9.9	124829.4	-6146.3								
3623	9.6	124831.2	-6153.5								
3624	8.0	124841.9	-6104.4								
3625	8.9	124919.8	-6132.5								
3626	9.2	124937.6	-6142.9								
3627	9.7	124946.8	-6120.7								
3628	9.5	124952.9	-6149.9								
3629	9.5	125048.9	-6148.9								
3630	9.5	125124.4	-6152.9								
3631	8.8	125142.5	-6136.9								
3632	9.1	125152.0	-6157.2								
3633	9.8	125153.2	-6130.9								
3634	9.7	125204.3	-6101.8								
3635	9.2	125228.6	-6144.8								
3636	9.4	125240.8	-6148.2								
3637	9.1	125254.1	-6154.8								
3638	8.5	125259.0	-6159.8								
3639	9.1	125309.1	-6154.8								
3640	9.6	125352.8	-6121.8								
3641	9.7	125403.9	-6129.3								
3642	9.6	125405.2	-6148.8								
3643	8.6	125406.4	-6129.8								
3644	9.2	125411.7	-6109.3								
3645	9.8	125444.0	-6149.1								
3646	9.4	125446.9	-6151.8								
3647	9.3	125449.0	-6109.4								
3648	9.4	125503.7	-6133.8								
3649	9.5	125511.2	-6133.8								
3650	9.6	125511.7	-6111.3								
3651	9.9	125528.9	-6111.8								
3652	9.3	125540.6	-6136.8								
3653	10.5	125606.7	-6100.8								
3654	9.9	125623.1	-6143.8								
3655	9.5	125647.7	-6143.2								
3656	8.5	125652.6	-6102.8								
3657	9.7	125653.4	-6112.8								
3658	9.7	125720.3	-6154.8								

-61 3659 12h58m

3659 9.3 125810.4 -6133.8	3749 9.7 131246.0 -6104.8	3839 8.6 132441.0 -6144.3	3929 9.9 133310.0 -6123.5
3660 9.6 125828.0 -6112.6	3750 9.9 131324.1 -6159.8	3840 9.7 132444.0 -6142.6	3930 9.3 133315.4 -6132.5
3661 9.0 125850.6 -6117.0	3751 9.6 131329.4 -6123.1	3841 9.5 132506.4 -6140.3	3931 9.6 133322.0 -6108.1
3662 9.6 125852.3 -6111.5	3752 10.0 131412.2 -6153.1	3842 9.1 132506.7 -6158.3	3932 9.8 133322.2 -6106.8
3663 9.0 125901.0 -6126.2	3753 9.9 131413.3 -6149.1	3843 8.8 132513.7 -6139.8	3933 9.8 133323.0 -6141.2
3664 8.8 125901.3 -6106.8	3754 9.9 131437.0 -6152.5	3844 9.7 132516.1 -6106.1	3934 10.8 133325.5 -6158.5
3665 9.3 125906.1 -6116.5	3755 9.8 131444.7 -6114.5	3845 8.6 132526.6 -6110.3	3935 9.8 133329.8 -6159.5
3666 9.5 125907.0 -6143.9	3756 7.5 131447.4 -6121.1	3846 8.9 132527.0 -6111.9	3936 9.6 133332.0 -6101.1
3667 9.9 125920.5 -6148.4	3757 9.7 131451.9 -6147.1	3847 9.3 132527.5 -6107.1	3937 10.3 133335.9 -6106.2
3668 9.8 125934.3 -6148.1	3758 9.5 131456.2 -6158.1	3848 10.5 132527.5 -6102.8	3938 9.9 133337.9 -6145.5
3669 8.8 125935.6 -6126.9	3759 9.6 131459.9 -6112.0	3849 9.7 132539.0 -6111.1	3939 9.9 133346.9 -6147.5
3670 9.2 125946.8 -6142.1	3760 9.6 131518.8 -6106.9	3850 9.8 132545.5 -6159.2	3940 10.0 133356.6 -6136.5
3671 9.5 125947.8 -6104.8	3761 10.0 131546.6 -6134.2	3851 9.5 132547.1 -6146.4	3941 9.8 133400.5 -6110.1
3672 9.5 125949.0 -6144.7	3762 9.6 131602.3 -6136.1	3852 9.6 132547.8 -6145.4	3942 9.7 133404.5 -6107.1
3673 9.2 125950.2 -6104.0	3763 9.8 131610.0 -6156.0	3853 9.8 132553.5 -6115.0	3943 7.6 133409.2 -6105.7
3674 9.8 125955.5 -6119.7	3764 9.6 131628.2 -6138.8	3854 9.2 132601.0 -6130.5	3944 7.1 133412.5 -6114.5
3675 9.9 130000.5 -6120.0	3765 9.8 131628.6 -6139.5	3855 9.8 132614.5 -6155.9	3945 9.6 133416.0 -6157.0
3676 9.6 130029.4 -6130.4	3766 9.2 131633.0 -6143.0	3856 9.8 132616.0 -6135.1	3946 10.0 133430.1 -6138.6
3677 9.8 130105.8 -6126.9	3767 9.8 131645.2 -6155.3	3857 9.7 132623.5 -6123.8	3947 7.8 133442.1 -6104.3
3678 9.8 130116.8 -6144.9	3768 9.8 131703.3 -6153.1	3858 8.8 132623.7 -6109.2	3948 9.6 133447.0 -6137.8
3679 9.8 130133.6 -6133.1	3769 8.9 131717.4 -6102.7	3859 9.6 132626.0 -6156.8	3949 9.8 133450.9 -6149.4
3680 9.8 130144.8 -6143.1	3770 9.9 131735.4 -6125.1	3860 10.3 132629.8 -6111.9	3950 9.9 133453.3 -6121.6
3681 9.8 130219.0 -6146.1	3771 9.9 131742.6 -6137.9	3861 9.6 132631.0 -6123.8	3951 10.5 133503.0 -6136.6
3682 9.9 130225.7 -6141.9	3772 9.5 131748.2 -6144.6	3862 9.8 132631.5 -6122.4	3952 9.9 133507.3 -6120.6
3683 10.0 130230.3 -6129.1	3773 9.1 131755.0 -6154.8	3863 10.0 132634.2 -6151.4	3953 9.4 133508.9 -6110.8
3684 9.9 130233.0 -6133.5	3774 9.9 131756.1 -6141.8	3864 9.2 132637.0 -6119.8	3954 9.8 133509.5 -6144.4
3685 8.8 130238.4 -6109.8	3775 9.5 131812.8 -6124.1	3865 7.5 132643.9 -6159.4	3955 9.6 133519.5 -6153.1
3686 9.9 130305.0 -6108.7	3776 10.0 131818.9 -6139.6	3866 9.7 132701.3 -6121.4	3956 10.3 133530.4 -6112.6
3687 8.4 130305.8 -6125.1	3777 9.7 131831.0 -6144.0	3867 8.4 132703.6 -6119.4	3957 9.6 133532.0 -6153.6
3688 9.6 130351.0 -6138.2	3778 9.8 131907.6 -6133.1	3868 10.5 132703.6 -6107.4	3958 11.0 133540.2 -6100.0
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3690 9.8 130354.9 -6133.9	3780 9.5 131911.1 -6113.8	3870 9.7 132716.6 -6116.4	3960 9.6 133547.3 -6128.6
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3692 10.5 130437.1 -6108.8	3782 9.7 131923.4 -6123.6	3872 9.8 132723.5 -6136.9	3962 10.0 133601.8 -6158.6
3693 9.8 130439.0 -6115.5	3783 8.9 131931.4 -6139.1	3873 10.5 132739.7 -6109.2	3963 9.9 133603.0 -6123.2
3694 9.5 130441.4 -6121.6	3784 10.0 131948.8 -6143.5	3874 10.0 132757.1 -6144.4	3964 10.3 133607.9 -6103.0
3695 9.9 130446.2 -6145.2	3785 9.8 131952.3 -6129.0	3875 7.6 132806.4 -6142.4	3965 9.6 133609.0 -6142.0
3696 9.1 130514.0 -6151.5	3786 10.0 131957.2 -6113.6	3876 9.4 132809.3 -6107.1	3966 10.5 133612.7 -6132.6
3697 9.2 130515.5 -6113.5	3787 9.8 131958.8 -6139.8	3877 9.1 132834.7 -6104.6	3967 10.0 133615.3 -6157.6
3698 9.7 130536.8 -6101.8	3788 9.8 132000.4 -6106.9	3878 10.5 132835.4 -6114.4	3968 9.8 133622.2 -6140.6
3699 9.6 130538.6 -6102.8	3789 9.5 132006.3 -6102.9	3879 10.5 132839.0 -6127.4	3969 9.9 133623.0 -6133.0
3700 9.8 130541.9 -6156.3	3790 9.8 132011.2 -6144.2	3880 9.6 132842.4 -6149.4	3970 10.0 133625.6 -6141.6
3701 7.5 130602.3 -6159.6	3791 9.8 132013.8 -6148.0	3881 10.5 132842.7 -6126.4	3971 10.3 133631.0 -6111.0
3702 9.8 130616.8 -6128.9	3792 10.0 132019.0 -6133.0	3882 6.8 132845.2 -6102.7	3972 9.9 133631.0 -6109.6
3703 9.6 130651.2 -6122.1	3793 9.7 132020.3 -6140.6	3883 9.7 132849.5 -6156.0	3973 10.0 133640.8 -6155.6
3704 9.9 130654.3 -6117.1	3794 10.0 132023.5 -6111.0	3884 10.0 132853.3 -6101.0	3974 8.4 133641.9 -6116.6
3705 9.2 130657.6 -6134.0	3795 9.9 132026.9 -6101.9	3885 9.5 132912.4 -6143.4	3975 9.3 133643.1 -6136.6
3706 9.9 130700.0 -6135.3	3796 7.5 132038.4 -6127.2	3886 9.8 132919.0 -6118.8	3976 9.8 133643.8 -6159.6
3707 9.7 130704.7 -6129.7	3797 9.5 132059.1 -6143.2	3887 10.5 132921.9 -6154.4	3977 9.7 133653.5 -6125.1
3708 9.9 130706.8 -6152.1	3798 10.3 132059.8 -6101.9	3888 9.6 132923.9 -6106.2	3978 9.1 133659.9 -6145.6
3709 9.9 130724.0 -6144.1	3799 9.5 132105.3 -6123.2	3889 9.8 132932.0 -6121.4	3979 10.5 133703.3 -6124.6
3710 9.4 130731.5 -6143.4	3800 9.7 132110.5 -6137.2	3890 9.6 132934.8 -6103.7	3980 9.4 133724.5 -6150.5
3711 9.5 130739.4 -6123.6	3801 10.3 132114.9 -6108.9	3891 10.3 132936.9 -6114.4	3981 10.0 133729.5 -6107.5
3712 9.9 130745.0 -6109.8	3802 9.7 132122.8 -6101.9	3892 10.3 132950.7 -6111.4	3982 9.8 133732.0 -6107.6
3713 9.6 130746.4 -6112.1	3803 9.2 132138.4 -6146.3	3893 9.3 132953.4 -6126.4	3983 7.1 133738.0 -6149.6
3714 8.2 130802.7 -6155.5	3804 9.8 132144.5 -6123.2	3894 9.8 132959.5 -6116.3	3984 9.7 133742.5 -6150.1
3715 9.9 130811.2 -6139.5	3805 9.6 132145.6 -6139.3	3895 9.8 133001.0 -6107.2	3985 9.6 133743.0 -6152.8
3716 9.8 130816.4 -6106.5	3806 9.5 132152.3 -6103.9	3896 9.6 133007.3 -6153.4	3986 9.4 133743.3 -6119.6
3717 9.8 130826.2 -6125.7	3807 9.5 132152.7 -6131.3	3897 10.0 133009.2 -6134.5	3987 8.4 133757.7 -6126.6
3718 9.9 130835.0 -6133.2	3808 9.5 132159.2 -6141.3	3898 8.4 133013.8 -6106.2	3988 7.0 133828.9 -6157.6
3719 8.5 130854.7 -6108.7	3809 9.7 132202.4 -6147.0	3899 10.0 133014.1 -6138.5	3989 9.6 133829.0 -6146.0
3720 10.0 130905.3 -6104.8	3810 9.3 132208.7 -6105.9	3900 9.6 133025.6 -6123.5	3990 10.0 133830.9 -6146.6
3721 10.0 130909.9 -6158.6	3811 9.8 132209.5 -6141.8	3901 10.5 133028.9 -6105.7	3991 9.3 133831.2 -6109.3
3722 10.0 130911.8 -6143.4	3812 9.3 132210.5 -6154.9	3902 10.0 133038.3 -6119.5	3992 9.6 133832.5 -6153.6
3723 10.0 130915.0 -6148.6	3813 9.5 132218.4 -6130.3	3903 10.3 133047.7 -6103.8	3993 10.5 133838.9 -6106.0
3724 10.0 130917.8 -6147.8	3814 9.5 132233.0 -6106.6	3904 10.0 133048.4 -6106.0	3994 9.8 133843.5 -6158.6
3725 9.6 130942.6 -6147.1	3815 9.9 132234.5 -6156.9	3905 9.5 133048.5 -6104.5	3995 9.1 133843.6 -6147.6
3726 9.4 130954.8 -6148.1	3816 9.6 132234.5 -6125.9	3906 9.7 133050.3 -6117.5	3996 9.6 133847.5 -6124.1
3727 9.7 131007.0 -6127.8	3817 9.8 132236.0 -6129.0	3907 9.5 133059.2 -6131.5	3997 9.8 133849.5 -6154.0
3728 9.3 131020.0 -6132.8	3818 9.8 132252.9 -6109.9	3908 9.4 133116.7 -6106.1	3998 9.7 133849.5 -6136.5
3729 8.4 131032.0 -6149.8	3819 9.2 132258.1 -6105.9	3909 9.7 133119.9 -6151.5	3999 9.7 133851.2 -6142.6
3730 9.5 131034.8 -6118.6	3820 9.6 132318.0 -6139.9	3910 9.8 133126.9 -6106.7	4000 10.3 133913.2 -6100.0
3731 9.6 131035.4 -6152.1	3821 9.8 132342.0 -6121.8	3911 10.3 133139.7 -6129.5	4001 10.3 133913.2 -6127.7
3732 10.0 131037.0 -6151.1	3822 9.9 132343.5 -6120.9	3912 9.9 133143.5 -6138.1	4002 9.9 133928.4 -6151.7
3733 9.8 131038.8 -6141.1	3823 9.8 132346.0 -6123.8	3913 9.7 133149.4 -6146.5	4003 10.5 133933.0 -6151.0
3734 10.5 131043.3 -6101.8	3824 9.9 132350.0 -6131.9	3914 10.5 133202.5 -6106.5	4004 10.8 133944.9 -6148.7
3735 9.1 131052.5 -6143.5	3825 9.7 132353.5 -6134.8	3915 10.3 133206.7 -6134.5	4005 10.0 133948.3 -6117.7
3736 9.8 131058.0 -6113.8	3826 9.2 132354.4 -6120.3	3916 9.8 133211.0 -6130.1	4006 9.9 133949.2 -6129.7
3737 9.7 131125.8 -6100.9	3827 9.4 132354.5 -6130.8	3917 9.4 133212.6 -6107.7	4007 9.2 133958.2 -6126.7
3738 9.8 131126.4 -6158.9	3828 9.6 132359.1 -6142.3	3918 9.6 133231.8 -6119.5	4008 10.3 133958.9 -6148.7
3739 8.6 131144.6 -6118.4	3829 9.6 132400.8 -6124.3	3919 9.8 133233.0 -6112.0	4009 10.0 134004.2 -6100.0
3740 8.6 131153.1 -6122.2	3830 10.0 132401.4 -6108.9	3920 10.5 133233.1 -6141.5	4010 9.2 134012.8 -6158.7
3741 7.0 131153.2 -6152.1	3831 9.9 132406.4 -6109.9	3921 7.6 133233.1 -6152.5	4011 9.4 134019.0 -6138.7
3742 9.6 131158.2 -6105.8	3832 7.6 132410.1 -6141.3	3922 9.4 133233.2 -6100.0	4012 8.0 134021.2 -6144.7
3743 8.6 131206.7 -6120.4	3833 10.3 132422.8 -6119.3	3923 9.7 133237.6 -6121.1	4013 9.7 134026.5 -6144.1
3744 8.9 131220.9 -6106.9	3834 9.8 132429.0 -6107.0	3924 9.6 133249.8 -6155.2	4014 10.0 134032.7 -6111.0
3745 10.0 131230.7 -6142.0	3835 9.9 132429.5 -6152.2	3925 9.9 133252.5 -6115.4	4015 8.0 134033.2 -6128.7
3746 9.5 131231.7 -6125.4	3836 10.0 132429.5 -6137.6	3926 8.1 133255.7 -6113.5	4016 9.0 134034.1 -6128.7
3747 9.6 131235.2 -6143.1	3837 9.3 132435.7 -6127.3	3927 10.3 133302.2 -6133.5	4017 9.8 134044.0 -6110.6
3748 9.3 131240.0 -6120.1	3838 10.5 132440.6 -6138.6	3928 10.0 133305.7 -6133.5	4018 9.9 134053.1 -6133.7

-61 4018 13h40m

-61 4019 13h41m

-61 4378 14h16m

4019	8.8	134114.3	-6139.7	4109	9.5	134743.0	-6155.7	4199	9.6	135542.9	-6141.9
4020	9.7	134117.0	-6129.5	4110	9.6	134747.7	-6137.8	4200	10.3	135545.8	-6129.9
4021	9.6	134119.7	-6146.7	4111	9.1	134752.8	-6139.8	4201	10.8	135610.7	-6115.9
4022	9.6	134120.0	-6155.5	4112	10.0	134753.9	-6153.8	4202	8.7	135618.7	-6154.9
4023	9.5	134126.5	-6107.3	4113	10.0	134758.2	-6100.1	4203	9.3	135621.5	-6159.9
4024	9.4	134149.3	-6157.3	4114	10.0	134801.3	-6102.1	4204	9.5	135630.7	-6120.9
4025	9.7	134150.5	-6145.2	4115	9.7	134806.7	-6100.1	4205	10.5	135632.4	-6136.9
4026	10.0	134154.5	-6109.9	4116	9.6	134813.0	-6114.6	4206	9.3	135645.6	-6153.9
4027	10.0	134155.5	-6108.9	4117	9.9	134814.1	-6138.8	4207	7.5	135650.6	-6118.9
4028	9.7	134155.9	-6109.0	4118	9.8	134819.2	-6131.9	4208	9.5	135656.9	-6108.0
4029	10.5	134204.4	-6150.7	4119	7.0	134829.7	-6152.9	4209	10.8	135703.1	-6146.9
4030	10.0	134212.4	-6148.7	4120	9.4	134840.5	-6126.9	4210	10.0	135706.8	-6132.9
4031	10.5	134222.9	-6111.7	4121	9.8	134843.5	-6148.6	4211	10.0	135709.8	-6125.9
4032	9.6	134231.8	-6104.0	4122	10.0	134844.4	-6114.9	4212	11.3	135713.4	-6151.9
4033	9.7	134239.5	-6154.4	4123	10.5	134853.2	-6127.9	4213	9.5	135714.4	-6115.9
4034	10.0	134239.7	-6100.0	4124	10.3	134854.8	-6118.9	4214	9.6	135723.5	-6112.4
4035	9.7	134243.1	-6144.7	4125	9.8	134857.3	-6155.9	4215	11.0	135725.0	-6141.9
4036	8.6	134256.4	-6129.7	4126	9.8	134901.8	-6159.9	4216	9.5	135732.8	-6102.1
4037	10.0	134302.1	-6136.7	4127	10.0	134924.4	-6110.9	4217	9.6	135736.8	-6104.1
4038	9.9	134307.1	-6136.7	4128	10.0	134926.9	-6112.0	4218	10.0	135739.6	-6111.0
4039	9.8	134309.5	-6113.1	4129	9.8	134929.5	-6113.1	4219	7.9	135742.6	-6146.9
4040	9.8	134309.8	-6158.7	4130	10.3	134933.1	-6138.9	4220	10.3	135743.8	-6105.1
4041	9.8	134329.5	-6154.5	4131	10.0	134942.1	-6137.9	4221	9.1	135801.9	-6140.9
4042	10.8	134332.2	-6108.5	4132	9.7	134946.7	-6132.9	4222	10.0	135809.8	-6102.1
4043	9.9	134332.4	-6149.8	4133	9.6	134958.0	-6137.0	4223	9.8	135813.0	-6105.0
4044	9.8	134336.5	-6159.5	4134	10.0	135000.4	-6106.1	4224	10.0	135813.4	-6106.1
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-61 5458 16h20m

-61 5459 16h20m

-61 5818 17h18m

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5462	10.0	162053.5	-6134.4	5552	9.0	163046.8	-6136.7	5642	11.0	164058.3	-6150.1
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5466	10.0	162106.6	-6113.4	5556	10.0	163119.4	-6110.7	5646	9.7	164120.9	-6118.1
5467	11.0	162112.2	-6140.4	5557	11.0	163119.5	-6144.7	5647	9.7	164122.5	-6116.1
5468	9.8	162113.0	-6138.9	5558	9.6	163121.1	-6127.7	5648	10.0	164124.5	-6155.1
5469	10.5	162113.5	-6127.4	5559	6.5	163125.2	-6131.7	5649	10.5	164145.1	-6153.1
5470	10.0	162123.5	-6138.4	5560	10.5	163126.3	-6104.8	5650	11.0	164217.5	-6111.1
5471	10.5	162133.7	-6102.5	5561	10.0	163136.6	-6155.7	5651	10.0	164222.1	-6121.1
5472	10.5	162135.4	-6108.5	5562	9.6	163138.8	-6117.7	5652	11.0	164229.1	-6135.1
5473	10.0	162149.6	-6117.4	5563	9.7	163149.9	-6157.7	5653	11.0	164230.8	-6133.1
5474	8.0	162149.6	-6135.4	5564	8.8	163158.5	-6104.3	5654	10.5	164230.9	-6116.1
5475	11.0	162152.6	-6159.4	5565	10.8	163158.6	-6101.9	5655	11.5	164233.8	-6142.1
5476	11.0	162159.7	-6147.4	5566	10.0	163209.0	-6159.8	5656	11.0	164236.9	-6141.1
5477	10.3	162202.4	-6101.6	5567	11.0	163213.2	-6123.8	5657	10.5	164239.3	-6151.1
5478	9.5	162211.0	-6147.4	5568	9.6	163216.6	-6153.8	5658	10.0	164240.7	-6127.1
5479	10.0	162211.1	-6136.4	5569	10.0	163228.4	-6141.8	5659	9.3	164318.1	-6134.2
5480	9.5	162212.1	-6142.4	5570	9.0	163233.7	-6111.3	5660	10.5	164319.1	-6152.2
5481	9.9	162216.2	-6109.7	5571	11.0	163234.9	-6123.8	5661	11.0	164325.5	-6111.2
5482	10.5	162217.8	-6106.4	5572	10.0	163242.1	-6157.8	5662	11.0	164327.3	-6115.2
5483	7.0	162221.7	-6150.4	5573	11.0	163310.0	-6104.8	5663	9.3	164346.9	-6102.2
5484	9.6	162223.0	-6159.4	5574	10.5	163310.7	-6114.8	5664	9.5	164352.1	-6140.2
5485	9.5	162225.5	-6151.2	5575	11.0	163316.7	-6126.8	5665	9.6	164357.7	-6104.2
5486	10.0	162231.6	-6111.4	5576	10.5	163330.6	-6104.8	5666	10.5	164357.9	-6111.2
5487	10.0	162243.1	-6149.4	5577	11.0	163331.0	-6114.8	5667	10.0	164402.5	-6135.2
5488	9.7	162243.1	-6103.6	5578	11.0	163344.2	-6109.8	5668	9.7	164403.5	-6134.2
5489	10.5	162304.0	-6102.4	5579	11.0	163352.9	-6120.8	5669	11.0	164406.5	-6156.2
5490	9.8	162304.8	-6103.6	5580	10.5	163400.7	-6129.8	5670	9.7	164409.5	-6153.2
5491	10.5	162306.1	-6113.4	5581	10.5	163406.9	-6157.8	5671	9.9	164409.9	-6108.2
5492	9.8	162310.0	-6113.8	5582	10.5	163416.2	-6133.8	5672	10.5	164416.0	-6113.2
5493	10.0	162313.5	-6129.4	5583	10.0	163419.7	-6127.8	5673	11.0	164419.9	-6150.2
5494	11.0	162319.8	-6121.4	5584	10.0	163430.1	-6103.8	5674	9.5	164438.6	-6103.2
5495	9.5	162324.0	-6106.5	5585	10.5	163438.7	-6154.8	5675	10.5	164444.0	-6159.2
5496	10.5	162325.5	-6138.4	5586	7.0	163443.6	-6124.8	5676	7.1	164458.4	-6125.2
5497	10.0	162328.5	-6122.4	5587	10.5	163444.3	-6122.8	5677	9.0	164501.3	-6133.2
5498	10.3	162339.0	-6116.4	5588	11.0	163452.1	-6114.8	5678	9.4	164505.3	-6154.2
5499	11.0	162341.7	-6114.4	5589	10.0	163455.1	-6154.8	5679	8.9	164530.5	-6147.2
5500	10.0	162359.0	-6117.4	5590	10.0	163457.1	-6129.8	5680	10.0	164613.6	-6125.3
5501	9.0	162402.8	-6137.4	5591	10.5	163501.3	-6128.8	5681	9.1	164615.0	-6157.3
5502	10.5	162406.6	-6101.6	5592	10.0	163505.8	-6102.9	5682	9.4	164625.2	-6117.3
5503	10.0	162408.6	-6135.4	5593	11.0	163512.1	-6119.8	5683	9.9	164639.3	-6135.3
5504	9.7	162423.1	-6104.5	5594	9.6	163523.1	-6123.8	5684	10.0	164644.3	-6155.3
5505	9.7	162423.9	-6109.5	5595	10.0	163526.1	-6136.8	5685	9.7	164647.2	-6150.3
5506	9.7	162428.4	-6121.4	5596	11.0	163526.4	-6114.8	5686	9.9	164653.3	-6126.3
5507	10.5	162455.5	-6101.7	5597	10.5	163536.6	-6103.0	5687	9.7	164704.2	-6114.3
5508	10.5	162458.5	-6127.4	5598	11.0	163555.2	-6158.8	5688	9.7	164712.3	-6139.3
5509	10.5	162503.9	-6116.5	5599	10.0	163604.0	-6159.8	5689	7.2	164720.3	-6131.4
5510	10.0	162512.6	-6152.5	5600	8.6	163617.0	-6155.8	5690	8.6	164724.8	-6157.7
5511	10.8	162514.4	-6110.0	5601	11.0	163627.6	-6113.8	5691	9.6	164732.8	-6107.3
5512	10.0	162516.5	-6107.6	5602	9.7	163629.4	-6147.8	5692	9.5	164738.4	-6106.3
5513	10.5	162526.9	-6146.5	5603	11.0	163630.9	-6102.8	5693	10.0	164740.8	-6101.3
5514	11.0	162529.7	-6134.6	5604	10.0	163631.4	-6100.8	5694	9.8	164827.6	-6153.4
5515	8.1	162548.6	-6159.6	5605	9.9	163632.3	-6104.0	5695	9.8	164832.7	-6106.3
5516	10.0	162603.9	-6131.6	5606	9.6	163637.5	-6133.8	5696	9.6	164833.1	-6152.0
5517	9.4	162604.3	-6122.6	5607	10.5	163641.0	-6139.8	5697	8.2	164919.6	-6112.4
5518	10.5	162608.3	-6106.6	5608	9.1	163646.4	-6143.8	5698	9.8	164930.1	-6126.4
5519	10.5	162608.5	-6109.7	5609	10.0	163651.3	-6120.8	5699	9.9	164943.7	-6122.4
5520	8.5	162615.2	-6117.6	5610	9.7	163701.5	-6151.8	5700	7.5	165028.0	-6156.5
5521	11.0	162618.9	-6111.6	5611	10.5	163704.0	-6121.8	5701	10.0	165029.0	-6155.1
5522	10.0	162620.2	-6158.6	5612	10.0	163711.1	-6150.8	5702	10.0	165037.8	-6100.4
5523	10.3	162622.9	-6111.7	5613	7.4	163717.6	-6114.9	5703	8.5	165057.3	-6122.5
5524	10.5	162629.1	-6114.6	5614	10.0	163718.3	-6101.0	5704	9.7	165107.3	-6101.4
5525	10.0	162632.5	-6119.6	5615	10.0	163719.7	-6100.0	5705	10.0	165110.6	-6136.5
5526	9.5	162651.0	-6146.6	5616	10.0	163724.0	-6118.9	5706	9.9	165141.2	-6155.5
5527	11.0	162657.2	-6152.6	5617	9.4	163728.6	-6119.9	5707	8.5	165152.9	-6149.1
5528	10.0	162700.6	-6151.6	5618	10.0	163732.9	-6123.9	5708	9.7	165202.4	-6108.4
5529	10.5	162713.1	-6131.6	5619	7.8	163744.3	-6109.5	5709	8.8	165206.8	-6132.8
5530	11.0	162714.3	-6135.6	5620	9.1	163755.5	-6104.9	5710	9.8	165217.8	-6138.5
5531	10.5	162737.8	-6149.6	5621	10.0	163806.8	-6119.9	5711	8.2	165217.8	-6145.5
5532	10.5	162756.2	-6102.7	5622	10.0	163825.1	-6120.0	5712	9.9	165240.9	-6153.6
5533	9.6	162756.2	-6130.6	5623	9.7	163843.0	-6124.0	5713	9.9	165247.8	-6145.0
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5535	11.0	162803.1	-6159.6	5625	10.0	163848.2	-6145.0	5715	10.0	165252.7	-6156.6
5536	10.0	162811.7	-6147.6	5626	10.5	163859.4	-6104.0	5716	9.7	165302.4	-6131.6
5537	10.5	162817.8	-6155.6	5627	9.7	163908.8	-6152.0	5717	9.8	165332.0	-6110.4
5538	10.5	162819.8	-6117.6	5628	11.0	163916.0	-6157.0	5718	9.6	165335.2	-6134.3
5539	11.0	162829.5	-6129.6	5629	10.0	163930.4	-6108.5	5719	9.5	165354.7	-6144.5
5540	9.7	162831.6	-6119.6	5630	10.0	163934.9	-6116.3	5720	9.5	165359.5	-6105.4
5541	11.0	162912.6	-6150.7	5631	10.0	163935.8	-6115.0	5721	9.5	165451.0	-6112.5
5542	11.0	162914.1	-6134.7	5632	9.5	163936.2	-6110.6	5722	8.7	165501.0	-6106.1
5543	10.0	162914.4	-6157.7	5633	10.0	163949.6	-6122.0	5723	9.2	165516.7	-6150.6
5544	10.5	162929.0	-6135.7	5634	11.0	163955.3	-6129.0	5724	9.8	165536.0	-6102.5
5545	9.7	162949.7	-6111.7	5635	10.3	164000.0	-6105.6	5725	8.5	165617.5	-6146.1
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5547	9.0	162957.6	-6137.7	5637	11.0	164012.9	-6140.0	5727	9.2	165657.2	-6105.7
5548	11.0	163015.5	-6136.7	5638	10.5	164015.2	-6113.0	5728	9.0	165657.8	-6157.7
5729	8.7	165659.6	-6107.5								
5730	9.2	165719.5	-6145.7								
5731	9.5	165722.0	-6126.3								
5732	8.5	165735.0	-6127.9								
5733	6.5	165842.8	-6130.8								
5734	9.5	165856.6	-6106.6								
5735	9.9	165926.4	-6135.3								
5736	9.3	165939.5	-6147.0								
5737	10.0	165958.4	-6103.1								
5738	10.0	170008.3	-6106.1								
5739	10.0	170012.9	-6104.6								
5740	9.4	170031.9	-6149.0								
5741	9.9	170103.8	-6107.6								
5742	9.8	170127.0	-6125.2								
5743	9.5	170137.0	-6152.1								
5744	9.5	170145.6	-6103.7								
5745	9.5	170153.4	-6111.0								
5746	10.0	170217.0	-6146.3								
5747	9.6	170225.9	-6123.3								
5748	8.8	170228.4	-6157.3								
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5750	9.9	170254.5	-6144.3								
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5754	9.5	170338.5	-6124.0								
5755	9.9	170353.3	-6102.7								
5756	10.0	170358.3	-6108.2								
5757	9.9	170423.9	-6146.8								
5758	9.9	170428.5	-6157.3								
5759	10.0	170442.3	-6105.4								
5760	9.2	170448.3	-6102.8								
5761	9.8	170501.6	-6158.8								
5762	8.0	170509.2	-6116.4								
5763	9.6	170527.8	-6140.8								
5764	9.5	170531.4	-6154.4								
5765	9.8	170535.4	-6102.8								
5766	9.9	170536.9	-6149.4								
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5768	8.7	170559.4	-6112.4								
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5770	9.9	170605.2	-6120.4								
5771	9.6	170625.3	-6142.4								
5772	9.1	170634.0	-6143.8								
5773	9.6	170711.2	-6148.8								
5774	9.8	170731.4	-6154.6								
5775	9.5	170744.5	-6159.4								
5776	9.9	170746.8	-6118.4								
5777	9.1	170812.4	-6135.1								
5778	9.7	170822.3	-6155.9								
5779	8.5	170824.9	-6158.8								
5780	9.8	170839.9	-6100.8								
5781	9.2	170906.6	-6118.5								
5782	10.0	170922.3	-6107.9								
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5788	9.9	171025.5	-6144.9								
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5790	9.2	171114.0	-6158.1								
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5794	9.1	171151.6	-6113.6								
5795	9.8	171152.8	-6109.2								
5796	10.0	171204.6	-6115.6								
5797	9.0	171221.5	-6113.6								
5798	8.9	171253.7	-6130.9								
5799	9.7	171321.1	-6131.0								
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5803	9.7	171403.5	-6137.2								
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5805	8.2	171452.4	-6120.7								
5806	9.4	171459.6	-6138.1								
5807	9.7	171501.0	-6146.1								
5808	9.1	171506.0	-6123.8								
5809	9.5	171517.3	-6134.2								
5810	9.6	171545.2	-6134.7								
5811	9.8	171547.5	-6152.2								
5812	9.7	171627.0	-6132.7								
5813	9.4	171633.3	-6119.7								
5814	9.5	171636.8	-6103.7								
5815	9.9	171649.8	-6113.7								
5816	9.9	171734.5	-6153.8								
5817	8.5	171748.7	-6110.9								
5818	7.2	171800.0	-6138.8								

-61 5819 17h18m

5819	9.5	171820.8	-6102.1	5909	6.6	173820.7	-6139.7	5999	8.5	181601.2	-6116.9
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5821	9.8	171834.3	-6139.1	5911	9.5	173845.3	-6100.2	6001	10.5	181733.2	-6101.7
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5824	9.0	171901.0	-6139.8	5914	10.0	173915.7	-6100.6	6004	9.5	181748.1	-6108.9
5825	8.5	171910.2	-6158.3	5915	9.7	173938.0	-6109.5	6005	9.7	181801.8	-6108.7
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5827	9.9	171925.0	-6155.8	5917	9.6	174013.0	-6101.9	6007	9.4	181824.3	-6106.8
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5829	8.4	172029.0	-6110.2	5919	9.4	174044.6	-6112.9	6009	9.5	181842.2	-6157.0
5830	8.2	172032.6	-6150.9	5920	9.9	174047.5	-6138.5	6010	9.1	181928.2	-6143.0
5831	10.0	172044.2	-6152.9	5921	9.2	174053.3	-6114.5	6011	8.8	181933.1	-6114.0
5832	10.0	172046.9	-6128.9	5922	10.0	174104.4	-6147.5	6012	10.0	181955.1	-6109.9
5833	9.7	172122.4	-6115.9	5923	9.5	174127.2	-6109.3	6013	9.7	181956.0	-6130.6
5834	9.6	172134.0	-6151.2	5924	9.7	174134.5	-6110.6	6014	10.3	181957.8	-6104.8
5835	9.7	172144.0	-6120.9	5925	9.7	174211.6	-6138.6	6015	10.0	182018.8	-6109.8
5836	9.8	172200.4	-6101.2	5926	10.0	174220.2	-6110.6	6016	8.8	182047.8	-6117.1
5837	10.0	172205.3	-6131.2	5927	9.5	174237.3	-6141.6	6017	9.6	182050.6	-6109.7
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5839	7.6	172230.2	-6126.2	5929	8.7	174422.6	-6154.9	6019	9.7	182122.7	-6154.6
5840	9.9	172318.4	-6129.9	5930	9.6	174440.6	-6135.7	6020	9.5	182147.7	-6147.7
5841	9.6	172337.7	-6158.0	5931	10.0	174459.5	-6147.7	6021	10.3	182211.7	-6100.9
5842	9.9	172350.0	-6148.6	5932	8.3	174524.5	-6124.7	6022	10.0	182223.2	-6108.9
5843	9.6	172414.0	-6130.5	5933	9.7	174528.7	-6135.7	6023	9.0	182231.0	-6127.2
5844	8.7	172421.5	-6140.7	5934	9.3	174551.5	-6102.6	6024	9.5	182257.4	-6158.2
5845	9.8	172430.3	-6106.2	5935	9.5	174612.4	-6122.7	6025	9.9	182302.4	-6137.8
5846	9.5	172443.5	-6116.6	5936	9.6	174744.8	-6109.1	6026	9.7	182307.9	-6126.2
5847	9.3	172449.7	-6138.6	5937	9.2	174812.4	-6141.8	6027	8.9	182311.9	-6115.2
5848	9.4	172455.1	-6144.0	5938	9.6	174831.3	-6113.1	6028	9.9	182354.6	-6156.2
5849	9.0	172509.4	-6119.4	5939	9.6	174832.6	-6142.1	6029	9.4	182423.4	-6118.2
5850	9.9	172527.7	-6126.0	5940	9.7	174851.6	-6140.3	6030	9.6	182504.2	-6150.9
5851	9.4	172533.4	-6119.0	5941	9.8	174914.5	-6123.8	6031	8.6	182528.2	-6135.3
5852	10.0	172558.4	-6158.0	5942	9.2	174940.1	-6144.4	6032	10.5	182605.6	-6100.0
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5854	10.0	172611.7	-6132.0	5944	9.5	175002.4	-6157.8	6034	9.5	182710.9	-6109.6
5855	9.8	172619.2	-6110.3	5945	9.6	175011.3	-6102.5	6035	9.3	182732.6	-6142.3
5856	9.1	172620.3	-6142.0	5946	9.2	175034.0	-6110.2	6036	9.7	182746.3	-6102.1
5857	9.5	172622.5	-6111.0	5947	10.0	175100.9	-6115.9	6037	10.0	182810.6	-6116.4
5858	9.8	172639.1	-6133.7	5948	10.0	175132.5	-6151.9	6038	9.7	182839.4	-6122.4
5859	9.7	172646.0	-6111.7	5949	9.5	175159.7	-6115.9	6039	10.0	182849.5	-6142.4
5860	10.0	172657.5	-6111.1	5950	9.7	175258.6	-6107.8	6040	9.3	182935.0	-6130.4
5861	10.0	172704.6	-6138.1	5951	8.7	175306.5	-6128.4	6041	9.5	182938.1	-6131.0
5862	10.0	172705.9	-6139.1	5952	9.5	175321.8	-6129.9	6042	10.0	183007.2	-6156.4
5863	9.9	172716.1	-6153.7	5953	9.1	175328.5	-6105.5	6043	9.9	183134.7	-6147.5
5864	10.0	172728.4	-6119.1	5954	9.7	175421.5	-6115.0	6044	9.7	183143.6	-6124.5
5865	9.6	172730.5	-6102.3	5955	9.4	175512.2	-6140.4	6045	9.5	183208.2	-6123.0
5866	9.9	172745.0	-6158.1	5956	9.8	175615.3	-6104.1	6046	8.5	183238.7	-6134.5
5867	9.9	172751.2	-6150.1	5957	9.2	175623.1	-6123.4	6047	9.7	183321.3	-6124.5
5868	10.0	172754.7	-6129.1	5958	9.7	175708.0	-6130.1	6048	9.7	183357.9	-6100.3
5869	9.9	172807.6	-6108.7	5959	9.5	175722.0	-6131.1	6049	9.8	183346.4	-6102.3
5870	9.7	172812.6	-6106.6	5960	9.6	175728.3	-6115.1	6050	6.5	183349.1	-6112.6
5871	9.6	172841.8	-6151.8	5961	10.0	175932.0	-6147.3	6051	9.5	183418.8	-6114.6
5872	9.8	172843.0	-6112.1	5962	8.7	180056.5	-6115.4	6052	9.7	183436.9	-6142.6
5873	9.7	172845.3	-6157.8	5963	10.0	180125.9	-6114.4	6053	10.0	183542.9	-6128.6
5874	9.9	172914.2	-6110.0	5964	9.9	180142.1	-6126.4	6054	10.0	183636.2	-6127.6
5875	9.2	172916.4	-6153.1	5965	9.7	180207.5	-6114.4	6055	9.8	183649.2	-6108.0
5876	9.5	172924.4	-6111.1	5966	10.0	180308.0	-6153.5	6056	9.9	183650.6	-6121.6
5877	9.9	172935.3	-6149.2	5967	8.2	180309.1	-6139.5	6057	9.7	183716.9	-6115.7
5878	9.0	172944.2	-6117.2	5968	8.9	180329.6	-6147.8	6058	9.6	183749.6	-6133.0
5879	10.0	172955.7	-6100.5	5969	10.0	180552.3	-6129.6	6059	10.0	183802.6	-6155.7
5880	10.0	172956.7	-6135.2	5970	9.0	180608.4	-6144.6	6060	9.9	183818.7	-6105.4
5881	9.3	173007.0	-6107.4	5971	10.0	180619.3	-6134.6	6061	9.7	183833.2	-6158.7
5882	9.4	173112.9	-6103.9	5972	9.6	180642.0	-6124.6	6062	9.2	183847.0	-6104.8
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5884	10.0	173152.5	-6137.2	5974	8.9	180706.3	-6159.0	6064	9.6	183850.4	-6128.7
5885	8.2	173211.8	-6128.9	5975	9.1	180707.0	-6105.2	6065	9.2	183852.0	-6104.6
5886	10.0	173227.1	-6131.2	5976	9.5	180725.0	-6159.1	6066	10.0	183859.5	-6127.7
5887	8.6	173232.4	-6135.3	5977	8.8	180751.3	-6150.6	6067	10.0	183916.6	-6116.7
5888	9.5	173350.6	-6106.9	5978	8.8	180754.8	-6140.6	6068	9.9	183946.8	-6106.5
5889	10.0	173354.5	-6137.3	5979	9.2	180826.4	-6147.3	6069	10.0	183957.2	-6117.7
5890	10.0	173359.3	-6113.3	5980	9.7	180911.3	-6144.7	6070	9.2	184001.7	-6128.7
5891	9.4	173422.5	-6100.3	5981	9.5	180919.5	-6153.2	6071	7.8	184015.6	-6102.1
5892	9.8	173452.4	-6158.3	5982	9.9	180956.5	-6125.7	6072	10.0	184033.1	-6120.8
5893	8.9	173501.0	-6102.5	5983	9.1	181001.7	-6143.1	6073	9.9	184040.0	-6156.8
5894	8.6	173503.0	-6134.3	5984	9.9	181005.3	-6143.1	6074	8.9	184045.1	-6114.8
5895	9.5	173505.2	-6111.6	5985	8.7	181010.0	-6111.7	6075	9.6	184056.1	-6114.6
5896	9.4	173505.5	-6157.8	5986	10.0	181044.6	-6146.7	6076	9.0	184102.4	-6118.8
5897	9.6	173530.8	-6146.4	5987	4.4	181143.2	-6132.7	6077	9.6	184106.3	-6155.8
5898	9.1	173532.3	-6131.8	5988	9.5	181202.9	-6122.8	6078	9.9	184108.2	-6159.8
5899	9.3	173546.8	-6142.4	5989	10.0	181210.0	-6104.5	6079	9.4	184216.9	-6136.2
5900	9.9	173549.4	-6109.2	5990	10.0	181212.1	-6106.5	6080	8.7	184239.9	-6106.7
5901	9.6	173557.1	-6121.4	5991	9.5	181246.6	-6134.8	6081	10.0	184303.8	-6109.6
5902	8.4	173606.4	-6158.4	5992	10.0	181320.6	-6102.6	6082	9.1	184328.3	-6137.3
5903	9.2	173627.4	-6147.1	5993	8.2	181350.9	-6104.4	6083	10.0	184348.3	-6149.8
5904	9.5	173646.6	-6111.4	5994	9.7	181358.3	-6125.8	6084	7.5	184454.2	-6158.3
5905	9.2	173658.0	-6124.7	5995	9.0	181412.6	-6101.6	6085	10.0	184517.2	-6141.9
5906	9.5	173702.5	-6157.4	5996	8.0	181502.9	-6142.9	6086	9.8	184545.9	-6142.9
5907	10.0	173731.6	-6148.2	5997	10.0	181518.2	-6101.7	6087	10.0	184607.4	-6159.9
5908	9.9	173743.8	-6108.3	5998	8.4	181521.0	-6120.9	6088	9.9	184641.3	-6126.9

-61 6178 19h10m

6089	10.0	184723.0	-6139.0	6099	9.3	185050.9	-6132.8	6109	10.0	185410.2	-6157.2
6090	8.9	184807.5	-6141.8	6100	8.5	185136.5	-6126.5	6110	10.0	185431.5	-6131.8
6091	9.5	184828.4	-6101.8	6101	9.5	185140.5	-6131.8	6111	9.9	185439.2	-6105.0
6092	9.6	184852.4	-6126.0	6102	8.6	185150.5	-6117.6	6112	10.0	185443.1	-6116.2
6093	9.7	184858.8	-6104.2	6103	9.2	185206.8	-6157.1	6113	9.9	185455.0	-6152.8
6094	9.7	184944.0	-6125.0	6104	9.1	185237.1	-6112.1	6114	10.0	185502.6	-6123.2
6095	9.9	184957.4	-6104.8	6105	9.4	185253.4	-6101.9	6115	9.4	185526.7	-6138.7
6096	9.4	185006.4	-6145.8	6106	9.5	185301.6	-6109.9	6116	9.9	185527.8	-6107.1
6097	9.2	185007.9	-6155.9	6107	7.5	185342.7	-6141.2	6117	10.0	185538.0	-6117.5
6098	8.9	185030.1	-6158.1	6108	8.3	185355.4	-6152.2	6118	9.6	185608.2	-6151.8
6119	9.6	185611.5	-6100.0	6129	8.6	185815.4	-6153.3	6139	9.5	190029.2	-6151.7
6120	9.6	185628.1	-6149.3	6130	8.3	185848.2	-6154.3	6140	10.0	190048.3	-6118.4
6121	9.9	185653.1	-6150.3	6131	9.1	185914.3	-6149.6	6141	9.1	190111.3	-6158.4
6122	9.5	185700.3	-6151.9	6132	9.3	185922.1	-6133.4	6142	8.9	190154.4	-6103.2
6123	9.3	185701.9	-6113.3	6133	9.6	185927.9	-6143.3	6143	9.5	190202.9	-6125.5
6124	9.9	185717.6	-6142.3	6134	9.9	185935.3	-6116.4	6144	9.6	190217.3	-6116.5
6125	10.0	185721.7	-6113.3	6135	9.6	185942.2	-6152.4	6145	10.0	190218.4	-6157.5
6126	10.0	185723.5	-6111.7	6136	9.1	190006.7	-6102.1	6146	9.9	190225.5	-6127.5
6127	8.6	185732.6	-6153.3	6137	9.9	190008.4	-6120.4	6147	9.1	190227.0	-6101.7
6128	9.5	185755.3	-6143.0	6138	9.3	190020.6	-6109.2	6148	10.0	190255.4	-6122.5
6149	9.7	190317.4	-6108.1	6159	10.0	190443.3	-6158.5	6169	10.0	190800.7	-6155.6
6150	9.5	190319.1	-6125.5	6160	9.9	190504.2	-6126.1	6170	9.9	190807.7	-6139.0
6151	9.5	190319.3	-6107.2	6161	9.9	190534.5	-6158.5	6171	9.9	190811.5	-6128.6
6152	9.9	190321.6	-6158.5	6162	9.4	190548.0	-6117.5	6172	8.7	190813.2	-6104.4
6153	8.5	190247.2	-6138.5	6163	10.0	190557.5	-6115.6	6173	9.5	190822.6	-6110.0
6154	9.9	190402.6	-6124.5	6164	9.6	190610.1	-6135.2	6174	9.7	190843.5	-6121.3
6155	9.7	190418.1	-6140.5	6165	9.4	190638.4	-6130.6	6175	9.9	190934.9	-6117.1
6156	9.7	190431.3	-6119.6	6166	9.3	190646.3	-6137.8	6176	8.5	191001.5	-6119.7
6157	10.0	190439.5	-6153.5	6167	8.7	190723.7	-6133.2	6177	10.0	191001.5	-6154.1
6158	9.9	190441.6	-6148.1	6168	9.3	190755.9	-6111.5	6178	8.9	191015.7	-6106.5

-61 6179 19h10m

-61 6538 20h49m

6179 9.6 191037.3 -6156.7	6269 9.9 194917.4 -6151.0	6359 10.5 201020.7 -6107.2	6449 10.5 202954.6 -6118.9
6180 10.0 191044.5 -6117.7	6270 10.0 194927.2 -6122.4	6360 10.5 201028.5 -6137.1	6450 10.8 203000.9 -6151.9
6181 10.0 191048.5 -6134.7	6271 10.0 194948.6 -6143.4	6361 9.3 201036.3 -6148.1	6451 10.3 203000.9 -6158.9
6182 9.1 191103.0 -6134.7	6272 9.7 195012.5 -6144.8	6362 10.8 201049.2 -6127.1	6452 9.7 203009.0 -6157.0
6183 9.1 191106.5 -6130.0	6273 7.7 195038.4 -6103.9	6363 10.8 201103.2 -6114.1	6453 10.0 203035.5 -6110.9
6184 9.6 191124.3 -6153.7	6274 8.9 195041.4 -6134.9	6364 10.5 201106.5 -6112.2	6454 10.3 203101.3 -6139.0
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6186 9.9 191242.0 -6107.6	6276 9.3 195111.0 -6144.1	6366 10.0 201111.8 -6110.2	6456 10.5 203113.2 -6134.0
6187 9.3 191244.3 -6153.8	6277 9.9 195135.3 -6102.6	6367 10.3 201132.7 -6153.2	6457 10.8 203201.2 -6106.9
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6197 9.5 191613.6 -6106.8	6287 10.0 195334.8 -6107.5	6377 8.7 201324.2 -6142.3	6467 10.8 203420.9 -6136.1
6198 8.9 191702.3 -6138.6	6288 10.0 195350.2 -6136.6	6378 10.5 201333.3 -6104.3	6468 10.5 203452.7 -6124.1
6199 9.5 191716.2 -6113.4	6289 9.9 195356.4 -6135.6	6379 10.5 201411.2 -6124.3	6469 10.8 203455.5 -6134.1
6200 9.8 191819.6 -6149.7	6290 9.4 195417.9 -6150.6	6380 11.0 201414.0 -6138.3	6470 9.8 203512.9 -6114.1
6201 9.3 192023.7 -6102.1	6291 9.7 195433.4 -6158.6	6381 11.0 201518.3 -6112.8	6471 10.5 203514.5 -6132.1
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6216 10.0 193038.5 -6103.8	6306 9.7 195859.8 -6102.8	6396 10.0 201749.5 -6125.5	6486 9.7 203907.8 -6149.2
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6218 9.2 193108.8 -6114.1	6308 9.8 195936.1 -6102.8	6398 10.8 201801.1 -6118.5	6488 11.0 203929.4 -6134.3
6219 9.9 193128.1 -6136.4	6309 10.0 200005.2 -6110.9	6399 10.3 201808.7 -6117.5	6489 10.5 203935.4 -6146.3
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6221 9.6 193157.4 -6123.2	6311 10.0 200033.1 -6102.9	6401 10.3 201919.9 -6155.5	6491 10.8 203944.6 -6129.3
6222 9.5 193205.9 -6101.9	6312 8.7 200051.7 -6118.8	6402 9.5 201920.6 -6100.5	6492 9.1 203954.4 -6129.3
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6224 8.0 193221.3 -6154.6	6314 10.0 200241.7 -6150.9	6404 10.8 202028.5 -6131.6	6494 8.7 204033.7 -6153.3
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6227 9.9 193708.9 -6109.9	6317 9.6 200305.4 -6136.9	6407 9.7 202051.7 -6114.6	6497 9.5 204057.8 -6105.4
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6851	10.3	233147.2	-6129.0								
6852	10.5	233201.5	-6125.0								
6853	8.7	233256.8	-6127.0								
6854	10.0	233334.7	-6111.0								
6855	10.0	233337.3	-6123.0								
6856	10.0	233341.4	-6149.0								
6857	9.6	233412.4	-6143.0								
6858	10.0	233505.8	-6129.0								
6859	9.8	233518.0	-6106.5								
6860	10.0	233529.9	-6143.0								
6861	7.2	233532.5	-6145.0								
6862	10.0	233551.8	-6141.0								
6863	9.7	233611.1	-6116.0								
6864	9.9	233620.7	-6150.0								
6865	9.9	233722.9	-6126.0								
6866	10.0	233733.2	-6153.0								
6867	8.1	233739.4	-6150.0								
6868	9.8	233809.3	-6127.0								
6869	10.0	233840.2	-6124.0								
6870	9.7	233900.3	-6106.0								
6871	9.8	233921.7	-6114.0								
6872	8.4	233949.2	-6126.5								
6873	10.0	233955.0	-6123.0								
6874	7.8	234048.1	-6112.8								
6875	10.0	234051.0	-6127.0								
6876	9.0	234159.5	-6154.0								
6877	10.3	234222.9	-6104.0								
6878	8.3	234227.5	-6127.0								
6879	8.0	234315.4	-6149.9								
6880	10.0	234338.6	-6147.9								
6881	10.0	234352.8	-6126.9								
6882	8.6	234421.0	-6158.9								
6883	10.0	234454.9	-6120.9								
6884	9.9	234520.4	-6126.9								
6885	8.0	234523.0	-6112.9								
6886	10.0	234530.1	-6151.9								
6887	9.4	234604.5	-6135.9								
6888	10.0	234635.0	-6134.9								
6889	9.2	234641.3	-6156.9								
6890	11.0	234720.2	-6107.9								
6891	11.0	234741.4	-6156.9								
6892	8.5	234758.6	-6102.7								
6893	9.3	234803.0	-6133.9								
6894	10.0	234820.3	-6129.9								
6895	10.8	234849.5	-6148.9								
6896	9.9	234850.8	-6100.7								
6897	8.6	234905.7	-6139.9								
6898	9.9	234914.9	-6117.9								

6899	8.3	234927.9	-6109.7	67	9.2	14504.0	-6251.2	157	3.3	41249.0	-6247.2	247	9.3	62134.0	-6234.9
6900	9.7	234932.5	-6133.9	68	9.4	14638.0	-6241.5	158	9.5	41253.0	-6218.1	248	8.5	62345.0	-6246.0
6901	10.0	234944.0	-6116.9	69	9.5	14714.0	-6256.4	159	6.0	41310.0	-6230.4	249	8.5	62418.0	-6220.7
6902	10.0	234951.3	-6157.9	70	8.9	14910.0	-6218.0	160	9.4	41642.0	-6218.3	250	9.2	62427.0	-6206.0
6903	8.5	235031.9	-6105.8	71	3.0	15450.0	-6210.7	161	8.5	41736.0	-6245.0	251	7.0	62638.0	-6203.9
6904	10.0	235122.3	-6132.9	72	9.5	15636.0	-6240.0	162	9.0	41804.0	-6234.5	252	8.7	62736.0	-6228.5
6905	8.7	235152.4	-6144.9	73	9.0	20051.0	-6207.1	163	9.5	41947.0	-6210.1	253	9.5	62900.0	-6241.1
6906	9.5	235222.9	-6146.9	74	9.5	20304.0	-6222.0	164	9.5	42002.0	-6225.0	254	8.5	63016.0	-6214.4
6907	10.0	235232.8	-6125.9	75	9.4	20506.0	-6201.7	165	9.3	42048.0	-6207.8	255	9.5	63134.0	-6237.0
6908	11.0	235323.2	-6158.9	76	9.5	20553.0	-6219.7	166	9.2	42121.0	-6249.0	256	9.0	63254.0	-6243.1
6909	11.0	235342.0	-6142.9	77	8.2	20619.0	-6251.0	167	9.5	42234.0	-6225.8	257	9.0	63332.0	-6200.6
6910	11.0	235445.7	-6149.9	78	8.2	20849.0	-6214.5	168	9.5	42432.0	-6227.0	258	9.2	63340.0	-6228.0
6911	9.1	235449.4	-6117.9	79	9.5	21308.0	-6200.9	169	6.0	42619.0	-6247.9	259	9.3	63407.0	-6224.4
6912	10.0	235541.8	-6128.9	80	9.5	21329.0	-6238.0	170	9.2	42620.0	-6205.0	260	9.0	63546.0	-6214.0
6913	10.0	235551.5	-6107.9	81	8.8	21357.0	-6202.1	171	9.5	42629.0	-6227.8	261	9.5	63610.0	-6248.5
6914	9.5	235602.3	-6150.9	82	9.5	21529.0	-6233.1	172	8.5	42631.0	-6201.3	262	9.5	63952.0	-6259.0
6915	10.0	235629.5	-6132.9	83	9.5	21549.0	-6219.6	173	9.0	43005.0	-6206.7	263	8.5	64130.0	-6239.3
6916	7.9	235636.1	-6122.9	84	8.5	21557.0	-6231.1	174	9.5	43334.0	-6257.5	264	9.5	64145.0	-6246.1
6917	9.7	235642.3	-6127.9	85	9.3	21601.0	-6252.3	175	6.0	43519.0	-6219.4	265	8.5	64213.0	-6229.0
6918	10.0	235643.4	-6110.9	86	9.2	21611.0	-6212.4	176	9.5	43655.0	-6226.0	266	9.5	64713.0	-6203.5
6919	10.0	235701.5	-6153.9	87	8.7	21709.0	-6249.8	177	7.5	43726.0	-6237.5	267	9.5	64716.0	-6203.3
6920	10.0	235703.0	-6142.9	88	9.5	21752.0	-6206.2	178	9.0	44048.0	-6237.0	268	9.5	65001.0	-6253.7
6921	11.0	235711.8	-6140.9	89	9.0	21808.0	-6228.0	179	9.5	44115.0	-6203.2	269	9.0	65008.0	-6255.4
6922	8.7	235906.3	-6154.9	90	8.4	22036.0	-6220.2	180	9.5	44343.0	-6242.6	270	9.5	65011.0	-6227.5
1	9.3	00031.0	-6237.1	91	9.5	22124.0	-6224.2	181	9.5	44712.0	-6242.3	271	9.0	65253.0	-6255.0
2	9.5	00133.0	-6246.0	92	8.5	22127.0	-6202.1	182	9.4	44803.0	-6229.6	272	8.5	65258.0	-6217.8
3	9.5	00240.0	-6206.0	93	9.3	22136.0	-6228.0	183	9.5	44840.0	-6226.3	273	9.5	65329.0	-6202.5
4	6.5	00336.0	-6259.2	94	8.8	22432.0	-6232.9	184	8.8	45528.0	-6239.0	274	9.5	65501.0	-6203.5
5	8.9	00613.0	-6218.0	95	9.3	22551.0	-6239.0	185	9.0	45853.0	-6227.9	275	9.5	65748.0	-6211.4
6	8.2	00629.0	-6201.0	96	9.5	23035.0	-6253.1	186	9.3	50017.0	-6215.9	276	9.5	65911.0	-6240.0
7	9.5	00942.0	-6214.2	97	8.0	23202.0	-6257.0	187	9.5	50308.0	-6226.4	277	9.5	70012.0	-6232.2
8	9.5	01119.0	-6247.2	98	9.1	23220.0	-6251.2	188	9.5	50453.0	-6212.2	278	9.5	70123.0	-6223.6
9	9.1	01230.0	-6204.1	99	8.8	23248.0	-6210.5	189	8.0	50505.0	-6257.6	279	9.5	70449.0	-6255.0
10	9.5	01405.0	-6217.5	100	9.5	23322.0	-6257.6	190	9.5	50522.0	-6233.4	280	8.5	70818.0	-6206.5
11	8.8	01428.0	-6223.2	101	9.5	23403.0	-6208.6	191	8.8	50620.0	-6254.7	281	9.5	70858.0	-6248.0
12	8.9	01438.0	-6203.9	102	8.7	23631.0	-6203.9	192	9.5	50640.0	-6212.1	282	6.3	71051.0	-6258.6
13	9.5	01613.0	-6243.0	103	8.4	23700.0	-6240.8	193	9.3	50820.0	-6243.1	283	9.0	71107.0	-6252.5
14	9.5	01711.0	-6222.0	104	9.1	23714.0	-6225.1	194	9.0	51018.0	-6257.5	284	8.5	71242.0	-6249.3
15	9.4	01832.0	-6223.4	105	9.2	23859.0	-6257.0	195	9.5	51053.0	-6211.4	285	9.5	71304.0	-6221.0
16	8.5	01903.0	-6254.1	106	9.5	24015.0	-6210.1	196	9.5	51214.0	-6216.0	286	8.5	71329.0	-6251.0
17	9.0	01930.0	-6248.0	107	9.5	24212.0	-6248.7	197	9.5	51402.0	-6217.2	287	9.3	71426.0	-6257.5
18	9.0	02012.0	-6213.9	108	9.5	24348.0	-6247.0	198	8.8	51528.0	-6249.5	288	9.0	71606.0	-6247.8
19	9.5	02041.0	-6215.0	109	9.4	24710.0	-6243.1	199	9.5	51536.0	-6256.0	289	9.3	71725.0	-6215.0
20	9.4	02354.0	-6210.3	110	9.3	24724.0	-6243.0	200	9.5	51554.0	-6244.1	290	9.5	71830.0	-6238.7
21	9.5	02437.0	-6202.2	111	9.5	24734.0	-6258.0	201	9.4	51600.0	-6231.0	291	7.5	72139.0	-6202.0
22	9.2	02550.0	-6202.1	112	9.3	24828.0	-6244.9	202	9.0	51656.0	-6205.3	292	9.0	72416.0	-6248.2
23	9.5	02752.0	-6234.0	113	9.5	24852.0	-6254.0	203	9.5	51832.0	-6204.0	293	9.5	72502.0	-6249.0
24	9.5	02931.0	-6246.2	114	9.0	24859.0	-6208.4	204	9.5	51956.0	-6243.9	294	9.5	73006.0	-6232.6
25	9.5	02952.0	-6253.8	115	9.5	25128.0	-6244.2	205	8.5	52202.0	-6220.1	295	9.3	73246.0	-6208.0
26	8.8	03006.0	-6202.0	116	8.5	25411.0	-6218.4	206	8.0	52240.0	-6241.8	296	8.5	73340.0	-6246.0
27	9.3	03035.0	-6207.9	117	9.3	25540.0	-6217.8	207	9.3	52318.0	-6229.0	297	9.0	73356.0	-6241.2
28	9.4	03202.0	-6213.4	118	9.0	25616.0	-6258.1	208	9.0	52440.0	-6253.2	298	9.5	73558.0	-6258.7
29	9.3	03556.0	-6212.0	119	8.5	25621.0	-6257.0	209	9.5	52557.0	-6235.5	299	9.0	73618.0	-6201.5
30	9.1	03635.0	-6203.2	120	9.5	25639.0	-6249.5	210	9.2	52802.0	-6201.3	300	9.4	73631.0	-6209.0
31	9.5	03846.0	-6208.6	121	9.2	25900.0	-6256.7	211	8.0	52810.0	-6224.7	301	9.0	73658.0	-6207.5
32	8.9	04105.0	-6245.3	122	9.5	30256.0	-6228.1	212	9.5	52858.0	-6232.4	302	8.7	73953.0	-6226.0
33	9.5	04142.0	-6221.7	123	9.2	30310.0	-6232.6	213	9.5	53116.0	-6246.1	303	8.5	73954.0	-6204.1
34	9.1	04322.0	-6224.1	124	9.5	30315.0	-6232.3	214	4.0	53232.0	-6234.3	304	9.2	74036.0	-6240.2
35	9.4	04333.0	-6206.6	125	8.7	30454.0	-6240.2	215	9.0	53428.0	-6207.1	305	8.8	74052.0	-6256.1
36	9.5	04430.0	-6258.5	126	7.5	30502.0	-6211.4	216	9.0	53908.0	-6259.6	306	8.6	74218.0	-6259.3
37	9.3	04600.0	-6236.0	127	7.8	30516.0	-6220.0	217	9.5	53918.0	-6242.9	307	8.2	74308.0	-6209.0
38	9.5	04714.0	-6214.2	128	9.2	30552.0	-6215.3	218	7.5	54100.0	-6258.2	308	8.5	74338.0	-6205.2
39	9.5	05156.0	-6256.0	129	8.5	30742.0	-6249.9	219	9.2	54414.0	-6258.0	309	9.5	74412.0	-6248.5
40	9.5	05451.0	-6253.6	130	9.0	30948.0	-6245.6	220	8.3	54910.0	-6206.6	310	9.0	74501.0	-6242.6
41	9.1	05500.0	-6208.0	131	5.7	31530.0	-6259.0	221	9.0	55058.0	-6232.8	311	9.5	74704.0	-6205.7
42	9.2	05616.0	-6226.4	132	9.0	31851.0	-6231.0	222	9.5	55226.0	-6250.0	312	9.0	74919.0	-6230.4
43	9.0	05624.0	-6225.6	133	8.8	32053.0	-6247.8	223	9.5	55620.0	-6225.2	313	7.8	74938.0	-6236.3
44	8.9	05635.0	-6250.3	134	9.0	32211.0	-6215.8	224	9.5	55714.0	-6245.5	314	8.2	75014.0	-6235.2
45	9.0	10039.0	-6202.0	135	9.5	32701.0	-6258.4	225	8.5	55856.0	-6249.0	315	8.5	75132.0	-6202.1
46	9.2	10043.0	-6248.4	136	7.5	32840.0	-6226.2	226	9.4	55929.0	-6216.0	316	8.0	75204.0	-6203.0
47	5.8	10221.0	-6226.6	137	8.0	33140.0	-6234.7	227	9.0	55936.0	-6248.4	317	9.5	75244.0	-6206.1
48	7.5	10307.0	-6232.0	138	7.2	33234.0	-6258.4	228	9.2	55950.0	-6252.1	318	9.5	75258.0	-6233.6
49	9.4	10309.0	-6249.3	139	9.5	33240.0	-6252.6	229	9.3	60146.0	-6239.7	319	9.5	75259.0	-6243.3
50	9.5	10655.0	-6236.1	140	9.4	33327.0	-6252.9	230	9.5	60228.0	-6211.6	320	9.0	75406.0	-6201.3
51	8.2	10751.0	-6257.0	141	9.5	33644.0	-6207.8	231	9.0	60252.0	-6218.9	321	9.0	75438.0	-6203.0
52	8.0	11038.0	-6246.2	142	7.8	34124.0	-6201.4	232	9.3	60334.0	-6207.3	322	6.5	75537.0	-6257.5
53	9.3	11216.0	-6219.0	143	9.5	34820.0	-6247.0	233	8.9	60410.0	-6216.5	323	9.5	75628.0	-6253.8
54	9.0	11223.0	-6228.7	144	9.0	35256.0	-6227.1	234	9.5	60542.0	-6239.6	324	8.5	75639.0	-6247.4
55	9.0	11240.0	-6214.3	145	9.4	35450.0	-6236.9	235	5.7	60554.0	-6208.0	325	9.5	75942.0	-6238.5
56	9.5	11243.0	-6240.1	146	9.5	35637.0	-6223.0	236	9.0	60735.0	-6258.0	326	9.0	75953.0	-6230.0
57	9.5	11607.0	-6241.0	147	7.0	35807.0	-6215.1	237	8.5	61150.0	-6202.0	327	9.5	80008.0	-6237.0
58	9.5	11916.0	-6253.0	148	9.5	35836.0	-6216.0	238	9.5	61236.0	-6246.5	328	9.5	80036.0	-6259.3
59	9.4	11944.0	-6229.0	149	5.0	35906.0	-6230.4	239	8.4	61344.0	-6214.1	329	8.3	80243.0	-6228.6
60	9.5	12542.0	-6243.9	150	8.5	35949.0	-6218.1	240	9.5	61358.0	-6215.2	330	6.8	80255.0	-6229.1
61	9.5	12602.0	-6200.5	151	9.3	40106.0	-6243.9	241	8.8	61405.0	-6219.4	331	8.5	80857.0	-6231.9
62	9.3	12840.0	-6216.0	152	9.5	40654.0	-6238.4	242	9.5	61634.0	-6215.0	332	9.5	80908.0	-6228.1
63	9.2	13253.0	-6234.3	153	9.0	40719.0	-6253.0	243	9.3	61718.0	-6216.9	333	9.5	80954.0	-6206.1
64	9.1	13718.0	-6237.4	154	9.5	40924.0	-6246.4	244	7.7	61948.0	-6217.7	334	8.5	81133.0	-6206.9
65	8.0	14232.0	-6201.1	155	9.5	41049.0	-6214.3	245	8.5	62040.0	-6219.0	335	8.8	81200.0	-6203.6
66	9.5	14258.0	-6239.0	156	9.5	41111.0	-6207.7	246	9.5	62128.0	-6232.8	336	9.5	81225.0	-6206.5

-62 337 8h13m

-62 696 13h02m

337	6.2	81322.0	-6232.0	427	8.0	95529.0	-6245.2	517	8.8	112012.0	-6225.7	607	8.5	115704.0	-6246.3
338	9.5	81400.0	-6228.3	428	9.2	95750.0	-6214.6	518	8.2	112117.0	-6208.5	608	9.2	115716.0	-6207.0
339	9.5	81533.0	-6228.1	429	9.5	95824.0	-6226.2	519	8.7	112154.0	-6256.4	609	9.0	115731.0	-6220.5
340	9.5	82014.0	-6234.2	430	9.5	95939.0	-6255.6	520	8.5	112221.0	-6207.4	610	5.5	115753.0	-6228.4
341	9.5	82059.0	-6229.2	431	9.5	95942.0	-6235.3	521	8.5	112312.0	-6253.0	611	8.8	115807.0	-6253.2
342	9.5	82256.0	-6241.8	432	9.0	95949.0	-6245.6	522	9.2	112316.0	-6214.1	612	9.0	115810.0	-6213.0
343	9.0	82332.0	-6228.5	433	9.2	100050.0	-6239.7	523	9.5	112322.0	-6252.9	613	9.3	115829.0	-6252.0
344	9.5	82444.0	-6202.6	434	8.5	100132.0	-6215.4	524	7.2	112340.0	-6252.0	614	8.0	115857.0	-6217.1
345	8.5	82724.0	-6251.9	435	9.5	100249.0	-6251.7	525	9.0	112345.0	-6201.0	615	9.0	115919.0	-6249.0
346	8.2	82825.0	-6239.6	436	8.8	100341.0	-6203.2	526	9.0	112446.0	-6238.0	616	9.2	120044.0	-6227.3
347	9.0	82907.0	-6234.2	437	9.3	100349.0	-6201.1	527	8.5	112501.0	-6206.2	617	9.5	120243.0	-6230.3
348	9.2	83134.0	-6253.2	438	9.5	100448.0	-6211.1	528	9.5	112518.0	-6226.0	618	9.5	120349.0	-6255.2
349	9.3	83200.0	-6230.1	439	9.0	100640.0	-6243.2	529	8.7	112528.0	-6215.0	619	9.4	120510.0	-6240.9
350	9.5	83205.0	-6215.1	440	9.5	100748.0	-6236.9	530	9.2	112531.0	-6217.1	620	8.2	120523.0	-6240.4
351	9.5	83430.0	-6227.3	441	9.4	100852.0	-6240.9	531	9.5	112533.0	-6230.0	621	7.5	120534.0	-6246.0
352	7.0	83505.0	-6225.2	442	9.5	101228.0	-6216.3	532	9.3	112551.0	-6233.1	622	7.0	120546.0	-6216.0
353	9.0	83522.0	-6205.7	443	9.4	101345.0	-6246.5	533	9.1	112602.0	-6244.6	623	9.5	120606.0	-6254.8
354	7.0	83614.0	-6224.5	444	9.5	101359.0	-6242.4	534	9.5	112610.0	-6228.2	624	8.5	120707.0	-6214.0
355	8.5	83725.0	-6205.8	445	9.0	101433.0	-6244.6	535	9.2	112712.0	-6258.0	625	9.5	120719.0	-6225.0
356	9.5	83814.0	-6201.0	446	9.5	101441.0	-6239.9	536	9.5	112736.0	-6225.0	626	9.5	120753.0	-6205.4
357	8.2	83819.0	-6244.9	447	8.5	101620.0	-6242.8	537	9.5	112757.0	-6216.2	627	9.5	120806.0	-6204.2
358	9.5	84058.0	-6247.0	448	9.0	101650.0	-6249.8	538	9.2	112954.0	-6214.0	628	9.0	120837.0	-6212.0
359	9.5	84133.0	-6211.7	449	9.2	101700.0	-6224.4	539	4.0	112959.0	-6220.2	629	9.0	120838.0	-6249.0
360	9.5	84153.0	-6237.6	450	9.5	101804.0	-6259.0	540	9.5	113000.0	-6247.0	630	8.5	120839.0	-6244.1
361	8.5	84204.0	-6204.9	451	9.5	101851.0	-6246.3	541	9.5	113026.0	-6236.0	631	9.5	120935.0	-6218.9
362	9.5	84242.0	-6234.3	452	9.5	102144.0	-6231.7	542	9.2	113110.0	-6243.2	632	8.5	120948.0	-6250.6
363	9.5	84410.0	-6224.6	453	8.8	102154.0	-6213.8	543	9.0	113135.0	-6228.1	633	8.0	120958.0	-6230.2
364	8.0	84425.0	-6244.1	454	8.0	102204.0	-6240.2	544	9.3	113138.0	-6235.3	634	9.2	121040.0	-6232.0
365	9.0	84603.0	-6258.3	455	9.0	102320.0	-6253.5	545	8.5	113141.0	-6259.0	635	8.8	121101.0	-6256.0
366	8.3	84709.0	-6203.1	456	8.0	102321.0	-6223.2	546	9.2	113144.0	-6239.1	636	9.0	121126.0	-6220.2
367	8.2	84719.0	-6243.2	457	7.0	102404.0	-6231.0	547	7.5	113202.0	-6238.5	637	9.2	121129.0	-6218.0
368	8.8	84757.0	-6216.8	458	9.5	102431.0	-6240.9	548	9.3	113208.0	-6240.2	638	9.0	121137.0	-6219.4
369	9.5	84819.0	-6239.7	459	8.8	102520.0	-6201.0	549	8.0	113221.0	-6230.0	639	9.2	121206.0	-6234.0
370	8.5	85006.0	-6223.3	460	8.5	102541.0	-6205.0	550	9.0	113223.0	-6242.5	640	9.3	121233.0	-6240.2
371	9.0	85240.0	-6225.7	461	9.4	102611.0	-6256.0	551	7.5	113233.0	-6241.0	641	9.5	121258.0	-6205.2
372	8.5	85354.0	-6259.0	462	9.5	102652.0	-6229.4	552	8.7	113234.0	-6231.0	642	7.5	121306.0	-6210.0
373	9.5	85402.0	-6256.0	463	9.0	102706.0	-6220.3	553	9.3	113311.0	-6249.0	643	9.5	121327.0	-6259.0
374	8.0	85414.0	-6234.5	464	9.5	102722.0	-6236.4	554	8.5	113312.0	-6244.0	644	8.5	121445.0	-6240.8
375	9.0	85459.0	-6225.3	465	9.5	102728.0	-6251.0	555	9.1	113320.0	-6237.7	645	9.5	121517.0	-6230.2
376	7.0	85652.0	-6259.0	466	8.5	102953.0	-6204.0	556	9.2	113322.0	-6250.4	646	9.5	121530.0	-6259.0
377	8.8	85734.0	-6230.4	467	9.5	103156.0	-6234.0	557	8.0	113326.0	-6215.0	647	9.5	121532.0	-6238.0
378	9.5	90324.0	-6221.0	468	9.5	103224.0	-6227.0	558	8.9	113327.0	-6210.2	648	9.3	121559.0	-6240.2
379	8.8	90404.0	-6221.0	469	9.2	103313.0	-6258.5	559	8.7	113354.0	-6248.0	649	9.2	121844.0	-6256.2
380	9.4	90442.0	-6230.0	470	8.0	103339.0	-6224.5	560	8.2	113401.0	-6247.5	650	9.2	121926.0	-6235.4
381	9.5	90502.0	-6223.6	471	9.5	103420.0	-6206.4	561	9.2	113403.0	-6256.3	651	8.0	121936.0	-6226.2
382	9.5	90833.0	-6226.3	472	9.0	103444.0	-6206.8	562	9.4	113436.0	-6231.6	652	2.0	121938.0	-6224.9
383	9.2	90936.0	-6224.1	473	9.5	103600.0	-6219.5	563	9.2	113505.0	-6200.9	653	9.5	121939.0	-6206.0
384	9.0	91019.0	-6208.7	474	9.5	103725.0	-6218.0	564	9.0	113534.0	-6204.9	654	9.2	122028.0	-6234.0
385	9.5	91320.0	-6221.7	475	8.5	103730.0	-6251.4	565	9.0	113556.0	-6243.8	655	9.5	122039.0	-6253.2
386	9.2	91342.0	-6210.0	476	9.5	103830.0	-6218.6	566	8.2	113631.0	-6227.3	656	9.5	122122.0	-6216.4
387	9.0	91426.0	-6223.9	477	9.2	103844.0	-6220.5	567	8.8	113744.0	-6232.9	657	9.5	122127.0	-6240.2
388	9.2	91447.0	-6251.1	478	9.0	103905.0	-6259.0	568	7.2	113754.0	-6211.6	658	9.5	122358.0	-6204.5
389	8.5	91625.0	-6212.6	479	9.4	103929.0	-6230.4	569	9.0	113801.0	-6241.4	659	6.5	122452.0	-6249.0
390	9.5	91830.0	-6229.2	480	9.5	104010.0	-6206.9	570	8.8	113909.0	-6250.3	660	9.5	122812.0	-6217.4
391	9.3	91855.0	-6232.6	481	9.5	104045.0	-6205.0	571	9.2	113913.0	-6252.4	661	9.3	122824.0	-6226.0
392	9.5	92425.0	-6203.0	482	9.5	104110.0	-6212.9	572	9.2	114119.0	-6236.0	662	9.5	122828.0	-6212.0
393	9.3	92546.0	-6240.6	483	9.0	104130.0	-6211.1	573	9.5	114120.0	-6243.5	663	9.0	122900.0	-6209.8
394	9.5	92602.0	-6253.1	484	8.3	104149.0	-6238.0	574	9.2	114143.0	-6230.5	664	9.0	122936.0	-6213.2
395	9.5	92720.0	-6257.8	485	8.2	104654.0	-6214.1	575	9.0	114211.0	-6208.4	665	9.5	123004.0	-6203.0
396	8.0	92906.0	-6214.6	486	8.2	104814.0	-6225.0	576	9.2	114313.0	-6241.6	666	9.5	123205.0	-6240.8
397	9.0	93037.0	-6240.6	487	9.4	105248.0	-6205.0	577	9.5	114412.0	-6204.9	667	9.4	123253.0	-6245.2
398	9.0	93037.0	-6256.0	488	9.2	105358.0	-6244.6	578	9.2	114440.0	-6257.8	668	9.5	123457.0	-6220.3
399	8.7	93502.0	-6246.6	489	9.1	105441.0	-6249.7	579	9.4	114516.0	-6213.8	669	9.5	123502.0	-6219.0
400	8.6	93545.0	-6238.6	490	9.5	105736.0	-6249.0	580	9.3	114536.0	-6211.0	670	9.5	123506.0	-6216.4
401	9.5	93552.0	-6218.0	491	9.5	105746.0	-6250.0	581	8.5	114625.0	-6229.0	671	6.5	123531.0	-6222.0
402	8.0	93614.0	-6241.7	492	8.8	105811.0	-6223.0	582	9.5	114626.0	-6205.8	672	9.2	123533.0	-6229.4
403	7.0	93628.0	-6222.8	493	9.2	110124.0	-6213.7	583	9.5	114819.0	-6220.6	673	9.5	123730.0	-6218.0
404	8.8	93708.0	-6226.4	494	9.0	110155.0	-6227.0	584	7.5	114848.0	-6235.6	674	9.5	123842.0	-6256.0
405	8.5	93840.0	-6207.6	495	9.5	110226.0	-6244.0	585	9.5	114945.0	-6211.6	675	9.3	123912.0	-6228.1
406	8.3	93913.0	-6210.9	496	9.5	110339.0	-6226.0	586	9.5	114946.0	-6230.4	676	9.5	123942.0	-6223.6
407	8.9	94119.0	-6230.4	497	9.5	110345.0	-6258.9	587	9.2	115021.0	-6234.6	677	9.2	124046.0	-6221.8
408	8.7	94240.0	-6230.0	498	9.2	110753.0	-6248.0	588	8.2	115043.0	-6232.8	678	9.0	124434.0	-6246.0
409	8.0	94316.0	-6208.4	499	9.5	110832.0	-6243.1	589	8.6	115052.0	-6258.1	679	9.5	124520.0	-6239.0
410	9.0	94508.0	-6216.6	500	9.5	110909.0	-6243.0	590	9.2	115106.0	-6227.0	680	9.2	124534.0	-6201.2
411	8.0	94537.0	-6226.4	501	9.5	110915.0	-6259.3	591	9.5	115234.0	-6216.0	681	9.2	124632.0	-6228.7
412	8.5	94550.0	-6234.2	502	8.5	111148.0	-6211.0	592	8.5	115256.0	-6205.3	682	8.5	124728.0	-6258.9
413	9.2	94608.0	-6243.0	503	8.2	111212.0	-6247.9	593	7.5	115307.0	-6208.6	683	9.0	124806.0	-6255.8
414	6.8	94724.0	-6209.9	504	8.5	111248.0	-6217.0	594	9.0	115320.0	-6242.9	684	8.5	124930.0	-6248.0
415	9.2	94740.0	-6235.6	505	9.2	111257.0	-6217.4	595	9.0	115330.0	-6209.0	685	9.2	125006.0	-6259.2
416	9.5	94804.0	-6226.2	506	9.5	111322.0	-6239.0	596	9.5	115407.0	-6232.5	686	8.5	125119.0	-6258.4
417	9.3	94840.0	-6204.6	507	9.5	111519.0	-6235.0	597	9.2	115439.0	-6230.8	687	9.5	125128.0	-6216.0
418	9.5	94853.0	-6211.0	508	9.5	111603.0	-6257.6	598	9.2	115516.0	-6252.0	688	9.4	125132.0	-6238.0
419	9.5	94934.0	-6255.7	509	9.5	111630.0	-6248.0	599	9.0	115542.0	-6234.1	689	9.0	125325.0	-6221.0
420	9.2	95103.0	-6251.0	510	9.5	111712.0	-6252.0	600	9.2	115552.0	-6248.0	690	9.2	125340.0	-6216.2
421	9.2	95122.0	-6240.8	511	8.8	111829.0	-6221.0	601	8.8	115553.0	-6246.4	691	9.5	125659.0	-6250.0
422	9.5	95131.0	-6256.4	512	9.2	111838.0	-6259.3	602	8.5	115609.0	-6222.7	692	9.5	125914.0	-6220.1
423	9.5	95230.0	-6259.6	513	9.5	111852.0	-6235.0	603	9.2	115637.0	-6257.8	693	9.5	130046.0	-6233.0
424	9.5	95230.0	-6231.7	514	8.8	111901.0	-6239.7	604	5.0	115639.0	-6237.6	694	9.1	130140.0	-6212.9
425	8.2	95322.0	-6247.1	515	8.2	111926.0	-6245.1	605	9.5	115641.0	-6245.8	695	9.5	130218.0	-6220.3
426	9.0	95412.0	-6210.1	516	9.5	111934.0	-6216.0	606	8.2	115700.0	-6200.7	696	9.4	130226.0	-6201.9

697	9.4	130245.0	-6222.0	787	9.4	134430.0	-6224.6	877	8.0	143612.0	-6200.4	967	9.5	153144.0	-6202.6
698	9.5	130340.0	-6212.1	788	9.2	134451.0	-6254.0	878	9.5	143614.0	-6226.1	968	9.3	153247.0	-6228.1
699	7.7	130350.0	-6238.0	789	9.4	134549.0	-6217.3	879	9.0	143616.0	-6258.1	969	9.0	153305.0	-6232.0
700	9.0	130402.0	-6209.1	790	9.0	134720.0	-6258.0	880	7.9	143836.0	-6250.2	970	9.3	153356.0	-6207.1
701	9.2	130419.0	-6203.3	791	9.5	134901.0	-6221.6	881	8.8	144058.0	-6258.7	971	9.2	153400.0	-6227.1
702	9.4	130501.0	-6257.0	792	9.5	134936.0	-6238.3	882	9.2	144114.0	-6244.0	972	8.0	153408.0	-6247.6
703	9.5	130515.0	-6238.6	793	9.5	134942.0	-6244.4	883	9.0	144225.0	-6211.8	973	9.2	153413.0	-6225.2
704	9.5	130520.0	-6244.0	794	8.5	134947.0	-6207.3	884	8.5	144226.0	-6203.8	974	8.8	153420.0	-6243.6
705	9.0	130534.0	-6226.7	795	9.4	135104.0	-6216.0	885	9.2	144301.0	-6259.8	975	9.3	153429.0	-6237.0
706	8.5	130543.0	-6256.0	796	8.5	135107.0	-6210.4	886	9.3	144324.0	-6211.8	976	9.2	153444.0	-6210.6
707	9.5	130544.0	-6208.2	797	9.2	135111.0	-6209.8	887	9.0	144330.0	-6200.2	977	8.8	153518.0	-6201.1
708	8.5	130545.0	-6210.0	798	9.0	135144.0	-6202.2	888	9.5	144451.0	-6229.3	978	8.5	153536.0	-6244.0
709	9.5	130550.0	-6255.0	799	9.2	135204.0	-6206.8	889	9.0	144456.0	-6234.9	979	9.0	153542.0	-6209.0
710	8.5	130609.0	-6242.4	800	8.5	135228.0	-6220.0	890	9.5	144513.0	-6203.2	980	9.0	153546.0	-6257.9
711	8.0	130640.0	-6256.0	801	8.9	135259.0	-6221.2	891	6.0	144642.0	-6216.6	981	9.5	153552.0	-6256.4
712	9.5	130844.0	-6224.2	802	9.0	135302.0	-6251.4	892	9.0	144705.0	-6244.7	982	8.0	153609.0	-6224.0
713	9.5	130859.0	-6205.5	803	8.8	135342.0	-6258.1	893	8.5	144750.0	-6247.0	983	8.9	153944.0	-6208.0
714	8.0	131011.0	-6247.0	804	9.5	135348.0	-6208.0	894	9.0	144752.0	-6202.8	984	9.0	153957.0	-6229.0
715	9.3	131020.0	-6235.2	805	9.3	135447.0	-6202.0	895	9.2	144850.0	-6236.7	985	9.5	154030.0	-6204.4
716	9.5	131134.0	-6223.0	806	9.2	135453.0	-6236.8	896	8.5	144919.0	-6200.8	986	9.2	154112.0	-6205.0
717	9.5	131223.0	-6245.1	807	9.5	135602.0	-6203.2	897	9.4	145024.0	-6213.5	987	9.5	154114.0	-6252.0
718	9.2	131303.0	-6215.0	808	8.8	135629.0	-6233.0	898	9.2	145038.0	-6224.2	988	9.0	154130.0	-6243.0
719	9.3	131314.0	-6234.0	809	9.2	135740.0	-6203.2	899	9.5	145235.0	-6229.2	989	9.5	154134.0	-6205.0
720	9.5	131410.0	-6216.2	810	8.0	135752.0	-6251.0	900	9.0	145402.0	-6242.7	990	9.5	154149.0	-6203.1
721	9.5	131450.0	-6224.0	811	9.0	135807.0	-6249.7	901	9.0	145423.0	-6224.2	991	8.8	154159.0	-6244.0
722	9.2	131453.0	-6257.9	812	9.2	135832.0	-6226.6	902	8.8	145436.0	-6217.2	992	7.0	154230.0	-6213.9
723	8.5	131502.0	-6213.0	813	9.2	135858.0	-6240.1	903	8.0	145437.0	-6250.8	993	9.0	154242.0	-6248.0
724	9.0	131649.0	-6231.0	814	7.5	135902.0	-6237.0	904	9.0	145442.0	-6239.0	994	9.5	154347.0	-6254.0
725	9.0	131849.0	-6201.2	815	8.8	135914.0	-6215.2	905	9.0	145529.0	-6254.1	995	9.0	154508.0	-6232.0
726	8.5	131908.0	-6200.7	816	9.5	135929.0	-6249.0	906	9.4	145628.0	-6210.9	996	9.0	154516.0	-6234.0
727	9.0	131912.0	-6253.6	817	9.0	135957.0	-6228.0	907	9.5	145715.0	-6259.2	997	8.5	154557.0	-6236.0
728	9.0	131941.0	-6234.4	818	9.4	140015.0	-6215.0	908	8.5	145724.0	-6220.4	998	9.0	154803.0	-6210.1
729	9.2	132001.0	-6257.0	819	8.7	140049.0	-6213.0	909	9.0	150030.0	-6247.2	999	9.0	154814.0	-6242.0
730	9.0	132223.0	-6259.0	820	9.0	140137.0	-6227.0	910	9.0	150139.0	-6249.1	1000	8.0	154836.0	-6227.4
731	9.2	132322.0	-6244.0	821	9.5	140139.0	-6259.8	911	8.0	150208.0	-6233.1	1001	9.0	154847.0	-6216.1
732	8.0	132339.0	-6224.2	822	9.2	140159.0	-6233.0	912	9.2	150232.0	-6210.7	1002	9.2	154853.0	-6220.1
733	9.0	132346.0	-6209.0	823	9.0	140304.0	-6256.1	913	9.5	150241.0	-6249.4	1003	9.3	154904.0	-6238.0
734	9.2	132352.0	-6209.3	824	9.0	140330.0	-6256.2	914	9.5	150259.0	-6247.0	1004	9.2	155041.0	-6240.1
735	9.0	132430.0	-6214.2	825	9.4	140556.0	-6222.4	915	8.7	150314.0	-6228.0	1005	9.0	155119.0	-6232.2
736	9.5	132506.0	-6230.8	826	9.5	140604.0	-6232.5	916	8.5	150420.0	-6218.1	1006	8.5	155128.0	-6222.4
737	9.3	132604.0	-6237.6	827	8.5	140618.0	-6232.0	917	8.5	150505.0	-6250.4	1007	8.0	155146.0	-6246.5
738	9.5	132610.0	-6232.5	828	9.0	140620.0	-6228.1	918	8.5	150617.0	-6253.0	1008	7.0	155154.0	-6211.0
739	8.5	132612.0	-6242.0	829	9.2	140659.0	-6259.7	919	9.0	150722.0	-6256.1	1009	9.0	155248.0	-6220.2
740	9.4	132629.0	-6258.4	830	9.0	140713.0	-6218.0	920	9.2	150730.0	-6228.1	1010	9.3	155311.0	-6237.2
741	9.3	132744.0	-6223.0	831	8.5	140714.0	-6207.6	921	9.3	150839.0	-6240.7	1011	9.0	155356.0	-6231.0
742	8.5	132749.0	-6230.4	832	9.0	140757.0	-6233.4	922	9.0	150858.0	-6220.3	1012	8.9	155432.0	-6222.0
743	9.5	132812.0	-6259.4	833	9.5	140803.0	-6213.0	923	8.5	150956.0	-6247.9	1013	9.2	155453.0	-6205.2
744	9.0	132818.0	-6233.1	834	8.0	140827.0	-6250.2	924	9.0	151030.0	-6230.6	1014	8.0	155518.0	-6259.9
745	9.5	132821.0	-6226.6	835	9.0	140852.0	-6217.5	925	9.0	151031.0	-6201.8	1015	9.0	155522.0	-6246.9
746	9.2	132908.0	-6250.9	836	9.0	140857.0	-6207.1	926	9.2	151159.0	-6245.9	1016	9.5	155530.0	-6218.2
747	9.5	133104.0	-6238.0	837	9.0	140904.0	-6226.0	927	9.5	151212.0	-6206.9	1017	9.5	155545.0	-6242.0
748	9.5	133216.0	-6214.0	838	8.7	141141.0	-6201.2	928	9.0	151229.0	-6215.0	1018	8.0	155556.0	-6224.0
749	9.2	133229.0	-6209.0	839	9.0	141152.0	-6253.0	929	9.4	151315.0	-6204.2	1019	8.5	155612.0	-6234.0
750	8.5	133308.0	-6236.0	840	8.2	141228.0	-6234.0	930	9.3	151329.0	-6242.0	1020	9.0	155706.0	-6227.4
751	9.5	133310.0	-6242.9	841	9.4	141342.0	-6240.3	931	9.2	151332.0	-6234.9	1021	8.0	155726.0	-6240.0
752	9.3	133342.0	-6210.8	842	9.5	141346.0	-6229.0	932	9.0	151342.0	-6214.0	1022	9.3	155740.0	-6224.0
753	9.5	133409.0	-6216.0	843	9.2	141416.0	-6228.9	933	9.0	151446.0	-6209.3	1023	9.0	155747.0	-6258.8
754	9.5	133440.0	-6256.1	844	9.5	141448.0	-6237.0	934	9.3	151517.0	-6248.0	1024	9.5	155759.0	-6251.0
755	9.0	133522.0	-6219.0	845	9.2	141625.0	-6214.2	935	8.8	151529.0	-6259.2	1025	9.5	155834.0	-6229.2
756	9.5	133559.0	-6257.0	846	9.5	141629.0	-6244.0	936	8.5	151623.0	-6219.4	1026	7.0	155850.0	-6239.0
757	9.5	133658.0	-6207.3	847	9.0	141705.0	-6250.4	937	8.4	151711.0	-6234.5	1027	7.5	155917.0	-6235.0
758	9.5	133723.0	-6252.1	848	9.5	142015.0	-6244.0	938	9.5	151858.0	-6259.9	1028	9.0	155942.0	-6236.1
759	9.0	133732.0	-6255.5	849	9.2	142023.0	-6223.7	939	9.2	151909.0	-6250.0	1029	9.0	160037.0	-6229.2
760	8.5	133743.0	-6219.0	850	8.5	142040.0	-6218.2	940	9.5	151914.0	-6209.2	1030	9.4	160052.0	-6254.0
761	9.0	133750.0	-6218.1	851	9.2	142124.0	-6205.2	941	9.2	151942.0	-6228.2	1031	9.5	160120.0	-6220.0
762	9.0	133752.0	-6218.0	852	8.8	142240.0	-6228.0	942	9.5	152001.0	-6224.0	1032	9.0	160204.0	-6252.5
763	8.0	133753.0	-6216.6	853	9.4	142249.0	-6236.2	943	9.0	152012.0	-6255.1	1033	8.0	160242.0	-6244.5
764	9.5	133817.0	-6228.4	854	9.5	142300.0	-6209.0	944	9.3	152106.0	-6238.0	1034	9.0	160243.0	-6241.3
765	9.2	133828.0	-6209.0	855	9.2	142306.0	-6250.3	945	9.2	152152.0	-6210.0	1035	8.0	160258.0	-6239.8
766	9.0	133920.0	-6249.0	856	8.5	142449.0	-6243.7	946	9.5	152405.0	-6246.8	1036	8.5	160318.0	-6226.3
767	9.0	134052.0	-6226.5	857	9.2	142501.0	-6240.0	947	9.5	152416.0	-6231.7	1037	9.5	160340.0	-6222.0
768	9.0	134059.0	-6252.0	858	9.2	142546.0	-6253.0	948	9.5	152431.0	-6253.2	1038	9.3	160403.0	-6205.9
769	9.3	134115.0	-6216.2	859	9.0	142700.0	-6201.1	949	8.8	152456.0	-6238.0	1039	9.2	160412.0	-6256.0
770	9.2	134117.0	-6226.4	860	9.4	142742.0	-6254.3	950	9.0	152514.0	-6250.2	1040	9.0	160448.0	-6207.2
771	9.0	134126.0	-6259.8	861	8.9	142758.0	-6239.0	951	9.5	152542.0	-6257.0	1041	9.0	160452.0	-6233.0
772	9.5	134142.0	-6213.0	862	9.4	142827.0	-6242.2	952	9.0	152552.0	-6234.1	1042	9.5	160530.0	-6208.8
773	9.5	134143.0	-6244.6	863	9.0	142851.0	-6200.2	953	9.5	152602.0	-6205.0	1043	9.2	160641.0	-6249.0
774	9.3	134150.0	-6228.0	864	8.8	142911.0	-6223.5	954	9.5	152603.0	-6251.6	1044	8.8	160718.0	-6244.3
775	9.2	134159.0	-6247.0	865	9.5	142940.0	-6207.1	955	9.0	152612.0	-6206.6	1045	9.0	160720.0	-6211.1
776	9.5	134202.0	-6216.0	866	9.0	143051.0	-6208.2	956	9.0	152622.0	-6237.4	1046	9.0	160806.0	-6219.8
777	9.4	134210.0	-6231.1	867	9.3	143053.0	-6205.2	957	9.2	152623.0	-6241.8	1047	8.5	160807.0	-6209.4
778	9.0	134212.0	-6224.6	868	9.0	143141.0	-6224.0	958	8.0	152656.0	-6216.0	1048	9.2	160840.0	-6233.0
779	9.0	134223.0	-6254.2	869	9.2	143213.0	-6229.6	959	9.0	152720.0	-6236.0	1049	8.9	160939.0	-6221.2
780	8.5	134332.0	-6209.6	870	9.0	143308.0	-6238.1	960	9.5	152815.0	-6238.1	1050	9.4	161014.0	-6235.7
781	8.5	134340.0	-6244.3	871	9.4	143334.0	-6249.0	961	9.5	152820.0	-6204.9	1051	8.6	161017.0	-6218.0
782	8.5	134342.0	-6247.0	872	7.0	143338.0	-6226.1	962	9.0	152847.0	-6238.0	1052	9.2	161045.0	-6216.4
783	9.2	134348.0	-6237.5	873	9.2	143419.0	-6244.2	963	9.3	152927.0	-6258.2	1053	9.5	161046.0	-6217.6
784	8.5	134407.0	-6206.2	874	9.5	143430.0	-6215.7	964	9.5	152940.0	-6250.2	1054	9.5	161051.0	-6241.0
785	9.2	134412.0	-6216.2	875	9.5	143509.0	-6256.2	965	7.5	153007.0	-6247.2	1055	8.0	161135.0	-6215.7
786	9.5	134418.0	-6243.6	876	6.0	143523.0	-6220.4	966	9.0	153046.0	-6242.0	1056	9.5	161144.0	-6214.7

-62 1057 16h12m

-62 1416 22h40m

1057	9.0	161210.0	-6250.9	1147	8.5	171158.0	-6243.2	1237	9.5	183201.0	-6210.6	1327	9.0	202132.0	-6258.0
1058	8.8	161248.0	-6239.0	1148	6.0	171217.0	-6244.1	1238	9.5	183336.0	-6204.0	1328	9.0	202218.0	-6254.2
1059	9.0	161249.0	-6248.4	1149	9.5	171245.0	-6206.9	1239	9.0	183339.0	-6232.4	1329	9.5	202440.0	-6221.9
1060	9.0	161314.0	-6254.0	1150	9.5	171259.0	-6203.2	1240	8.5	183527.0	-6251.4	1330	9.2	202443.0	-6210.2
1061	9.5	161351.0	-6209.6	1151	9.3	171338.0	-6213.1	1241	9.0	183554.0	-6239.8	1331	9.5	202451.0	-6239.1
1062	7.0	161401.0	-6249.0	1152	9.1	171433.0	-6223.6	1242	9.5	183557.0	-6206.8	1332	9.0	202529.0	-6233.0
1063	9.4	161426.0	-6213.0	1153	9.0	171450.0	-6224.0	1243	7.5	183629.0	-6221.2	1333	9.5	202604.0	-6259.3
1064	9.5	161446.0	-6229.0	1154	8.0	171452.0	-6248.4	1244	9.4	183726.0	-6257.0	1334	8.5	202642.0	-6236.1
1065	9.0	161447.0	-6208.1	1155	8.5	171506.0	-6200.4	1245	8.8	183734.0	-6230.8	1335	8.5	203041.0	-6202.3
1066	8.5	161529.0	-6259.9	1156	6.5	171622.0	-6255.4	1246	9.5	183742.0	-6228.7	1336	8.7	203241.0	-6258.8
1067	9.0	161626.0	-6200.7	1157	8.0	171627.0	-6250.3	1247	9.0	183816.0	-6218.4	1337	9.5	203324.0	-6226.5
1068	8.0	161642.0	-6219.2	1158	9.5	171942.0	-6236.3	1248	9.5	183914.0	-6251.0	1338	6.0	204110.0	-6253.5
1069	9.5	161646.0	-6211.8	1159	9.0	172040.0	-6204.1	1249	9.5	183928.0	-6239.8	1339	9.5	204340.0	-6225.7
1070	9.4	161659.0	-6232.6	1160	8.0	172104.0	-6208.8	1250	9.4	183936.0	-6220.1	1340	9.3	204616.0	-6203.0
1071	9.0	161718.0	-6251.8	1161	7.5	172326.0	-6201.9	1251	9.0	183938.0	-6258.2	1341	9.1	204620.0	-6241.0
1072	9.0	161719.0	-6203.2	1162	9.0	172328.0	-6253.5	1252	8.5	183950.0	-6247.6	1342	9.5	204758.0	-6205.4
1073	9.0	161731.0	-6219.0	1163	9.5	172353.0	-6251.4	1253	9.5	184011.0	-6240.4	1343	9.5	204835.0	-6217.0
1074	8.5	161804.0	-6237.1	1164	9.4	172511.0	-6251.4	1254	4.5	184037.0	-6219.3	1344	9.0	205229.0	-6221.7
1075	9.2	162018.0	-6203.0	1165	9.0	172904.0	-6205.4	1255	9.5	184046.0	-6259.1	1345	9.2	205532.0	-6213.4
1076	7.5	162037.0	-6201.5	1166	9.5	173008.0	-6217.0	1256	9.5	184200.0	-6253.3	1346	9.5	205558.0	-6203.7
1077	9.3	162202.0	-6242.5	1167	8.2	173449.0	-6242.0	1257	9.5	184357.0	-6238.2	1347	9.0	205633.0	-6217.4
1078	9.0	162210.0	-6223.5	1168	9.4	173645.0	-6253.8	1258	9.2	184404.0	-6216.2	1348	9.5	210055.0	-6221.2
1079	7.5	162306.0	-6200.2	1169	8.5	173704.0	-6206.0	1259	9.5	184417.0	-6231.0	1349	9.5	210132.0	-6223.0
1080	9.2	162346.0	-6227.8	1170	9.5	173715.0	-6209.7	1260	7.5	184512.0	-6257.6	1350	9.5	210335.0	-6217.6
1081	9.0	162419.0	-6241.5	1171	8.4	173826.0	-6237.3	1261	8.5	184819.0	-6245.0	1351	9.5	210524.0	-6254.3
1082	8.5	162444.0	-6216.1	1172	9.0	173940.0	-6223.0	1262	9.5	184823.0	-6251.6	1352	9.1	210930.0	-6239.6
1083	8.5	162518.0	-6223.0	1173	8.0	173948.0	-6236.0	1263	9.3	185028.0	-6204.2	1353	9.2	211105.0	-6252.6
1084	9.0	162521.0	-6222.0	1174	9.4	174232.0	-6204.8	1264	9.1	185030.0	-6256.0	1354	9.3	211452.0	-6242.1
1085	9.4	162602.0	-6240.4	1175	9.3	174339.0	-6258.0	1265	9.0	185157.0	-6248.1	1355	9.5	211532.0	-6241.5
1086	8.5	162632.0	-6254.0	1176	9.0	174515.0	-6220.4	1266	9.0	185158.0	-6230.2	1356	9.5	211811.0	-6225.6
1087	9.0	162736.0	-6228.4	1177	9.3	174808.0	-6236.5	1267	9.5	185517.0	-6215.6	1357	7.0	212102.0	-6242.9
1088	9.4	162820.0	-6215.0	1178	8.5	174901.0	-6209.0	1268	8.0	185550.0	-6219.2	1358	9.2	212107.0	-6247.2
1089	9.0	162840.0	-6241.0	1179	9.0	174916.0	-6219.0	1269	9.0	185552.0	-6240.6	1359	9.0	212350.0	-6217.1
1090	8.0	162921.0	-6218.6	1180	8.5	174917.0	-6230.1	1270	9.5	185914.0	-6212.1	1360	9.5	212452.0	-6210.6
1091	9.3	162926.0	-6210.7	1181	9.5	174949.0	-6205.0	1271	9.5	185931.0	-6228.5	1361	8.5	212823.0	-6249.0
1092	9.0	162948.0	-6228.2	1182	9.2	175023.0	-6226.4	1272	8.9	185946.0	-6208.2	1362	9.5	212924.0	-6244.0
1093	8.5	162951.0	-6238.1	1183	8.8	175143.0	-6208.0	1273	8.5	190212.0	-6246.0	1363	9.2	213420.0	-6213.6
1094	9.0	163017.0	-6221.5	1184	9.3	175343.0	-6219.6	1274	8.8	190303.0	-6225.4	1364	7.5	213446.0	-6241.2
1095	9.3	163020.0	-6220.0	1185	9.0	175414.0	-6221.7	1275	9.5	190324.0	-6252.0	1365	8.5	213536.0	-6225.4
1096	9.5	163056.0	-6219.0	1186	9.5	175608.0	-6254.0	1276	9.5	190423.0	-6259.4	1366	9.5	213548.0	-6204.8
1097	9.0	163100.0	-6221.4	1187	8.5	175637.0	-6223.0	1277	8.5	190436.0	-6236.2	1367	9.0	213703.0	-6223.0
1098	9.1	163102.0	-6201.0	1188	9.2	175709.0	-6248.0	1278	9.5	190501.0	-6213.4	1368	8.0	213742.0	-6247.4
1099	9.2	163104.0	-6201.2	1189	9.2	175734.0	-6219.6	1279	7.5	190548.0	-6202.2	1369	9.0	214017.0	-6202.0
1100	8.0	163124.0	-6207.0	1190	6.0	175850.0	-6202.2	1280	9.5	190633.0	-6257.8	1370	7.5	214552.0	-6238.2
1101	7.5	163125.0	-6219.2	1191	9.5	175932.0	-6249.0	1281	9.5	190707.0	-6227.0	1371	6.8	214557.0	-6228.0
1102	9.4	163248.0	-6212.0	1192	9.5	180126.0	-6217.9	1282	9.3	190748.0	-6250.4	1372	7.5	214745.0	-6226.3
1103	9.3	163307.0	-6239.0	1193	9.0	180213.0	-6258.4	1283	8.8	190750.0	-6256.2	1373	9.0	215012.0	-6208.4
1104	9.0	163547.0	-6244.0	1194	9.5	180222.0	-6258.0	1284	9.0	190754.0	-6252.0	1374	9.0	215058.0	-6242.4
1105	9.0	163602.0	-6230.1	1195	9.1	180233.0	-6244.2	1285	9.2	190817.0	-6259.8	1375	9.5	215204.0	-6241.5
1106	9.5	163654.0	-6209.7	1196	9.5	180359.0	-6233.5	1286	9.5	190838.0	-6227.4	1376	9.5	215238.0	-6215.0
1107	9.5	163705.0	-6223.0	1197	9.5	180450.0	-6246.5	1287	9.5	191136.0	-6204.0	1377	9.5	215325.0	-6239.0
1108	9.4	163806.0	-6251.4	1198	9.5	180622.0	-6210.0	1288	9.4	191153.0	-6250.4	1378	8.0	215515.0	-6228.0
1109	9.0	163822.0	-6209.8	1199	9.0	180641.0	-6253.8	1289	9.2	191154.0	-6253.2	1379	9.4	215704.0	-6202.5
1110	9.5	163854.0	-6210.6	1200	9.3	180710.0	-6251.4	1290	9.5	191312.0	-6254.0	1380	9.5	215822.0	-6208.0
1111	9.0	163934.0	-6244.6	1201	9.5	180811.0	-6259.0	1291	9.5	191335.0	-6248.0	1381	8.5	215914.0	-6215.0
1112	8.5	164042.0	-6230.5	1202	8.5	180900.0	-6259.8	1292	8.0	191420.0	-6226.0	1382	9.5	215947.0	-6212.6
1113	9.5	164056.0	-6231.2	1203	8.5	180931.0	-6214.4	1293	9.5	191450.0	-6220.0	1383	9.2	215959.0	-6221.1
1114	9.5	164311.0	-6229.0	1204	9.5	181052.0	-6221.5	1294	9.5	191513.0	-6234.0	1384	9.4	220407.0	-6226.0
1115	9.2	164345.0	-6250.2	1205	8.3	181118.0	-6239.0	1295	9.5	191707.0	-6235.3	1385	9.5	220408.0	-6236.0
1116	9.0	164402.0	-6206.1	1206	8.0	181329.0	-6234.2	1296	8.5	192312.0	-6239.0	1386	9.5	220450.0	-6206.0
1117	9.0	164454.0	-6220.6	1207	9.0	181453.0	-6216.4	1297	9.5	192506.0	-6252.0	1387	9.5	220458.0	-6253.8
1118	9.0	164617.0	-6258.1	1208	9.0	181530.0	-6242.0	1298	9.0	192657.0	-6204.2	1388	8.8	220510.0	-6204.2
1119	9.0	164628.0	-6222.3	1209	9.5	181635.0	-6204.3	1299	8.5	193014.0	-6206.3	1389	9.5	220616.0	-6259.0
1120	8.7	165148.0	-6223.0	1210	9.2	181702.0	-6253.0	1300	8.0	193552.0	-6245.5	1390	9.5	220857.0	-6259.9
1121	9.4	165157.0	-6215.4	1211	9.5	181836.0	-6200.9	1301	9.2	193552.0	-6206.1	1391	9.0	220923.0	-6211.6
1122	9.5	165247.0	-6222.6	1212	9.5	181923.0	-6234.6	1302	9.0	193739.0	-6233.0	1392	9.5	221132.0	-6223.2
1123	8.8	165354.0	-6229.0	1213	5.0	181942.0	-6221.7	1303	7.5	193802.0	-6206.4	1393	9.5	221209.0	-6218.0
1124	8.5	165441.0	-6208.2	1214	8.0	181952.0	-6223.0	1304	8.5	193840.0	-6253.0	1394	9.5	221227.0	-6243.0
1125	9.2	165542.0	-6226.4	1215	8.8	181958.0	-6257.1	1305	8.5	193905.0	-6240.4	1395	9.5	221710.0	-6225.0
1126	9.2	165544.0	-6220.4	1216	9.5	182033.0	-6223.0	1306	9.5	194558.0	-6238.0	1396	9.5	221932.0	-6234.0
1127	9.1	165608.0	-6209.8	1217	9.5	182202.0	-6210.6	1307	9.2	195131.0	-6256.0	1397	9.4	221941.0	-6210.1
1128	7.5	170238.0	-6234.7	1218	9.2	182328.0	-6217.0	1308	9.0	195235.0	-6236.0	1398	9.5	222124.0	-6214.2
1129	8.9	170242.0	-6241.2	1219	9.0	182339.0	-6248.0	1309	8.9	195315.0	-6240.1	1399	8.5	222146.0	-6254.8
1130	8.5	170248.0	-6253.5	1220	9.5	182411.0	-6242.2	1310	9.5	195426.0	-6232.6	1400	9.5	222355.0	-6252.7
1131	8.0	170407.0	-6230.4	1221	9.5	182448.0	-6259.0	1311	9.5	195459.0	-6218.1	1401	8.8	222406.0	-6243.0
1132	9.5	170432.0	-6229.4	1222	9.5	182745.0	-6202.0	1312	9.5	195642.0	-6223.3	1402	6.0	222432.0	-6237.0
1133	8.2	170616.0	-6233.0	1223	9.2	182816.0	-6254.6	1313	9.5	195753.0	-6224.4	1403	9.5	222439.0	-6222.8
1134	9.5	170657.0	-6228.0	1224	9.0	182825.0	-6243.0	1314	9.2	195815.0	-6232.0	1404	8.0	222702.0	-6217.4
1135	8.0	170710.0	-6244.3	1225	8.5	182838.0	-6214.2	1315	9.5	200043.0	-6231.2	1405	8.5	222802.0	-6227.4
1136	9.5	170728.0	-6237.2	1226	9.4	182850.0	-6250.6	1316	7.5	200310.0	-6252.0	1406	9.5	222957.0	-6212.2
1137	9.2	170828.0	-6221.6	1227	9.0	182902.0	-6234.8	1317	7.8	200331.0	-6239.2	1407	8.4	223218.0	-6212.0
1138	9.5	170857.0	-6204.1	1228	9.2	182948.0	-6207.5	1318	8.5	200513.0	-6233.0	1408	9.5	223234.0	-6223.0
1139	9.0	170935.0	-6247.4	1229	9.0	183004.0	-6253.0	1319	7.5	200756.0	-6216.3	1409	9.0	223311.0	-6231.4
1140	9.5	170943.0	-6208.4	1230	9.0	183010.0	-6203.1	1320	9.4	200812.0	-6217.4	1410	9.0	223426.0	-6230.0
1141	9.5	171013.0	-6240.4	1231	9.5	183022.0	-6231.8	1321	9.5	200947.0	-6234.2	1411	8.0	223444.0	-6243.2
1142	9.0	171111.0	-6220.0	1232	9.3	183036.0	-6230.4	1322	9.5	201435.0	-6213.8	1412	9.5	223554.0	-6250.2
1143	8.8	171116.0	-6258.4	1233	9.0	183049.0	-6225.6	1323	9.2	201726.0	-6248.9	1413	9.4	223624.0	-6252.2
1144	9.3	171118.0	-6204.4	1234	9.5	183113.0	-6257.2	1324	8.5	201806.0	-6251.0	1414	9.5	223817.0	-6258.0
1145	9.5	171137.0	-6212.0	1235	9.0	183120.0	-6217.0	1325	9.5	201851.0	-6205.4	1415	7.0	224012.0	-6220.1
1146	9.0	171146.0	-6230.3	1236	9.2	183126.0	-6236.0	1326	9.0	202031.0	-6239.6	1416	9.5	224030.0	-6259.0

1417	9.5	224515.0	-6225.5	31	9.2	12636.0	-6318.0	121	9.3	33625.0	-6323.0	211	9.5	54727.0	-6326.6
1418	9.0	224532.0	-6211.0	32	9.5	12810.0	-6329.2	122	9.7	33638.0	-6302.7	212	9.7	54817.0	-6323.5
1419	9.5	224544.0	-6224.0	33	7.0	12943.0	-6307.4	123	9.7	33959.0	-6310.1	213	9.7	54836.0	-6303.9
1420	9.1	224707.0	-6222.2	34	9.0	13752.0	-6356.0	124	9.0	34120.0	-6350.7	214	9.0	54949.0	-6336.8
1421	8.5	224900.0	-6219.6	35	9.7	14152.0	-6357.0	125	9.2	34212.0	-6354.7	215	9.5	55007.0	-6321.6
1422	8.9	224901.0	-6216.4	36	9.7	14205.0	-6325.7	126	9.0	34430.0	-6332.9	216	8.2	55044.0	-6333.1
1423	8.5	224946.0	-6231.5	37	8.0	14632.0	-6334.7	127	9.2	34830.0	-6336.0	217	8.8	55240.0	-6320.0
1424	8.6	225140.0	-6239.0	38	9.0	14639.0	-6326.2	128	8.8	34902.0	-6332.4	218	5.0	55307.0	-6307.4
1425	9.5	225219.0	-6215.8	39	0.7	14720.0	-6351.2	129	9.7	35121.0	-6300.6	219	9.5	55452.0	-6306.3
1426	9.0	225435.0	-6252.4	40	9.2	14724.0	-6354.9	130	9.7	35219.0	-6332.7	220	9.7	55810.0	-6343.7
1427	9.3	225547.0	-6206.2	41	9.0	15141.0	-6341.0	131	7.0	35430.0	-6349.9	221	9.2	55816.0	-6322.9
1428	9.5	225634.0	-6218.4	42	9.7	15253.0	-6317.0	132	9.5	35436.0	-6318.9	222	9.7	55843.0	-6324.0
1429	9.5	225650.0	-6259.0	43	9.7	15311.0	-6329.5	133	9.7	35540.0	-6332.0	223	8.8	60018.0	-6343.0
1430	8.5	230012.0	-6228.0	44	9.5	15632.0	-6302.0	134	8.5	35832.0	-6315.0	224	9.0	60121.0	-6332.4
1431	9.5	230102.0	-6215.8	45	9.5	15645.0	-6322.2	135	9.2	35904.0	-6333.1	225	8.8	60226.0	-6344.8
1432	9.5	230210.0	-6230.0	46	8.0	15650.0	-6322.0	136	9.5	40221.0	-6307.1	226	8.3	60229.0	-6321.0
1433	9.5	230213.0	-6205.1	47	8.5	15829.0	-6311.4	137	9.5	40229.0	-6326.5	227	9.5	60243.0	-6329.8
1434	9.5	230440.0	-6226.8	48	9.5	20114.0	-6325.2	138	9.2	40314.0	-6303.7	228	9.5	60530.0	-6303.0
1435	8.0	230442.0	-6209.4	49	9.7	20211.0	-6317.2	139	9.0	40615.0	-6305.8	229	9.5	60721.0	-6316.7
1436	8.5	230446.0	-6200.5	50	9.5	20753.0	-6336.7	140	9.7	40633.0	-6340.0	230	9.3	60728.0	-6312.1
1437	9.2	230503.0	-6219.0	51	9.5	21105.0	-6333.0	141	8.8	40934.0	-6328.9	231	9.0	60742.0	-6334.5
1438	9.1	230511.0	-6228.6	52	8.5	21328.0	-6358.0	142	9.0	41554.0	-6324.0	232	9.7	60826.0	-6356.2
1439	9.0	230550.0	-6229.0	53	8.5	21419.0	-6318.5	143	7.5	41616.0	-6333.2	233	9.5	61007.0	-6314.0
1440	8.5	230623.0	-6230.0	54	9.0	21504.0	-6349.8	144	9.7	41641.0	-6333.0	234	9.5	61029.0	-6317.0
1441	9.5	230628.0	-6253.0	55	9.5	21639.0	-6316.7	145	8.2	41856.0	-6328.2	235	9.2	61106.0	-6354.0
1442	9.5	230751.0	-6256.4	56	9.7	21640.0	-6344.3	146	9.2	42017.0	-6354.7	236	9.7	61349.0	-6315.8
1443	8.5	230920.0	-6232.0	57	8.5	21720.0	-6307.1	147	6.0	42030.0	-6341.2	237	9.2	61438.0	-6323.4
1444	6.5	230925.0	-6240.1	58	9.5	22011.0	-6332.3	148	9.2	42234.0	-6335.3	238	7.5	61708.0	-6359.0
1445	9.5	231150.0	-6216.5	59	9.5	22040.0	-6301.9	149	8.7	42450.0	-6302.2	239	9.0	61738.0	-6305.2
1446	9.0	231209.0	-6225.0	60	9.5	22238.0	-6345.0	150	7.2	42541.0	-6304.3	240	9.2	61842.0	-6337.1
1447	9.0	231420.0	-6229.0	61	8.5	22303.0	-6328.2	151	9.7	42615.0	-6326.8	241	7.2	61854.0	-6345.8
1448	8.0	231522.0	-6206.0	62	9.5	22713.0	-6325.4	152	9.5	42840.0	-6306.0	242	9.7	61911.0	-6303.3
1449	8.5	231547.0	-6218.5	63	8.5	22748.0	-6309.0	153	6.5	43216.0	-6304.8	243	8.5	62001.0	-6352.0
1450	8.6	232344.0	-6253.5	64	9.0	22759.0	-6309.6	154	9.7	43219.0	-6304.7	244	8.8	62015.0	-6359.3
1451	9.5	232418.0	-6245.0	65	9.2	22819.0	-6323.3	155	9.7	43446.0	-6325.0	245	7.0	62214.0	-6336.7
1452	9.3	232448.0	-6238.0	66	9.5	22820.0	-6331.0	156	9.5	43919.0	-6314.2	246	9.7	62243.0	-6308.0
1453	8.0	232650.0	-6220.4	67	8.7	22911.0	-6333.0	157	8.2	43930.0	-6302.3	247	9.5	62329.0	-6343.1
1454	9.0	232805.0	-6209.1	68	9.5	23026.0	-6306.7	158	8.0	44111.0	-6327.1	248	7.0	62334.0	-6320.7
1455	9.5	232942.0	-6237.5	69	7.0	23029.0	-6308.5	159	9.7	44122.0	-6307.0	249	7.0	62412.0	-6345.5
1456	9.5	232949.0	-6200.5	70	9.5	23040.0	-6333.0	160	9.5	44124.0	-6311.9	250	9.5	62431.0	-6314.0
1457	8.8	233042.0	-6225.0	7.	9.3	23209.0	-6332.0	161	9.5	44214.0	-6323.6	251	9.7	62450.0	-6322.2
1458	9.2	233354.0	-6201.0	72	9.7	23434.0	-6336.9	162	9.7	44317.0	-6348.0	252	9.7	62702.0	-6306.1
1459	8.0	233658.0	-6224.8	73	8.5	23647.0	-6313.2	163	9.2	44345.0	-6331.5	253	8.8	62912.0	-6306.0
1460	9.5	233743.0	-6255.5	74	8.0	24048.0	-6327.0	164	7.5	44348.0	-6327.0	254	9.5	63033.0	-6337.0
1461	9.5	233813.0	-6200.2	75	9.5	24125.0	-6323.8	165	9.2	44419.0	-6355.0	255	9.2	63038.0	-6326.4
1462	9.0	233823.0	-6236.0	76	9.2	24204.0	-6314.1	166	8.2	44454.0	-6346.6	256	9.7	63226.0	-6313.0
1463	8.7	234139.0	-6241.8	77	7.8	24300.0	-6315.3	167	8.5	44603.0	-6302.9	257	9.0	63326.0	-6348.7
1464	9.4	234532.0	-6206.1	78	9.0	24311.0	-6335.3	168	7.5	44702.0	-6342.0	258	8.0	63350.0	-6309.8
1465	9.0	234550.0	-6235.0	79	8.5	24520.0	-6329.0	169	8.5	44708.0	-6357.5	259	9.7	63539.0	-6340.8
1466	9.5	234643.0	-6256.2	80	9.2	24525.0	-6335.6	170	9.0	44727.0	-6311.7	260	9.5	63630.0	-6345.0
1467	9.2	234700.0	-6224.8	81	9.0	24528.0	-6346.0	171	9.0	44852.0	-6322.8	261	9.5	63729.0	-6356.0
1468	9.5	234817.0	-6250.0	82	6.0	24616.0	-6320.0	172	9.0	45143.0	-6324.2	262	9.0	63743.0	-6326.4
1469	8.5	235054.0	-6227.1	83	9.5	24819.0	-6313.6	173	8.2	45210.0	-6349.1	263	8.7	63801.0	-6321.4
1470	9.5	235114.0	-6214.8	84	9.0	24838.0	-6321.7	174	9.0	45524.0	-6344.0	264	9.5	64119.0	-6335.0
1471	8.5	235220.0	-6216.8	85	9.5	24911.0	-6339.2	175	9.7	45606.0	-6319.3	265	8.5	64214.0	-6300.7
1472	9.5	235223.0	-6210.0	86	6.5	24939.0	-6326.0	176	9.5	45619.0	-6340.4	266	9.7	64231.0	-6326.2
1473	9.5	235502.0	-6244.7	87	8.7	25145.0	-6330.6	177	8.5	45717.0	-6324.2	267	9.5	64234.0	-6346.1
1474	9.3	235608.0	-6205.0	88	8.0	25430.0	-6332.2	178	9.7	45805.0	-6337.0	268	9.7	64331.0	-6340.0
1475	9.5	235711.0	-6228.0	89	9.5	25526.0	-6310.1	179	9.5	45828.0	-6313.0	269	9.5	64419.0	-6312.1
1476	7.5	235915.0	-6201.0	90	9.5	25551.0	-6306.4	180	8.8	45927.0	-6348.2	270	9.5	64636.0	-6320.4
1	8.0	00119.0	-6301.0	91	8.5	25900.0	-6359.2	181	9.5	50020.0	-6315.0	271	9.5	64715.0	-6318.3
2	9.0	00323.0	-6302.5	92	9.3	30047.0	-6328.7	182	8.5	50219.0	-6323.0	272	9.2	65054.0	-6352.3
3	8.5	00348.0	-6359.1	93	9.0	30103.0	-6352.0	183	9.2	50342.0	-6346.0	273	9.7	65224.0	-6353.0
4	7.5	00815.0	-6327.4	94	9.5	30342.0	-6321.0	184	9.5	50425.0	-6319.0	274	9.5	65225.0	-6344.2
5	9.2	01006.0	-6351.6	95	8.3	30805.0	-6343.7	185	9.5	50458.0	-6345.4	275	9.7	65256.0	-6312.4
6	9.7	01021.0	-6350.0	96	9.2	31333.0	-6326.9	186	9.2	50527.0	-6332.5	276	9.0	65336.0	-6300.8
7	8.2	01743.0	-6307.9	97	8.8	31404.0	-6344.0	187	8.5	50537.0	-6319.1	277	9.7	65414.0	-6305.7
8	4.0	02551.0	-6338.2	98	8.2	31449.0	-6347.0	188	6.0	50635.0	-6333.1	278	9.2	65450.0	-6309.3
9	9.5	02628.0	-6347.2	99	6.0	31505.0	-6303.0	189	7.5	50844.0	-6356.0	279	9.7	65618.0	-6308.2
10	6.0	02700.0	-6342.5	100	9.5	31513.0	-6355.2	190	8.5	51329.0	-6340.8	280	9.7	65723.0	-6322.0
11	9.5	02844.0	-6345.0	101	8.5	31531.0	-6331.7	191	9.7	51333.0	-6344.6	281	8.5	70044.0	-6326.0
12	9.5	03242.0	-6310.2	102	9.3	31624.0	-6302.5	192	9.0	51350.0	-6313.0	282	9.7	70124.0	-6309.0
13	9.7	03333.0	-6329.4	103	9.0	31753.0	-6314.0	193	9.5	51422.0	-6318.4	283	9.5	70138.0	-6357.1
14	6.7	03902.0	-6310.3	104	9.0	32001.0	-6307.2	194	8.2	51455.0	-6329.0	284	9.5	70209.0	-6344.5
15	8.2	03932.0	-6352.6	105	9.0	32235.0	-6329.0	195	9.7	51640.0	-6320.2	285	9.7	70232.0	-6319.7
16	9.5	04040.0	-6358.9	106	8.3	32242.0	-6300.8	196	8.0	51743.0	-6307.0	286	9.7	70303.0	-6314.9
17	8.0	04055.0	-6321.0	107	9.2	32305.0	-6329.2	197	9.0	51906.0	-6312.1	287	9.5	70359.0	-6305.5
18	8.5	04130.0	-6324.6	108	9.5	32432.0	-6329.4	198	9.0	51959.0	-6339.1	288	9.0	70507.0	-6353.0
19	9.7	04756.0	-6313.8	109	8.6	32436.0	-6316.0	199	8.8	52136.0	-6300.6	289	9.5	70558.0	-6348.0
20	9.5	04805.0	-6336.8	110	8.2	32454.0	-6355.2	200	9.5	52251.0	-6344.0	290	9.5	70707.0	-6316.2
21	6.0	04824.0	-6333.2	111	9.0	32459.0	-6356.0	201	9.5	52531.0	-6317.0	291	8.7	70801.0	-6333.6
22	9.5	04923.0	-6346.3	112	5.5	32713.0	-6322.2	202	9.2	52546.0	-6348.0	292	9.5	70840.0	-6336.4
23	9.7	05017.0	-6311.1	113	9.5	32925.0	-6336.0	203	9.7	53016.0	-6359.0	293	9.5	70924.0	-6325.5
24	9.2	05156.0	-6356.8	114	8.0	33130.0	-6303.4	204	8.0	53202.0	-6332.2	294	9.7	71004.0	-6345.2
25	9.0	05339.0	-6308.0	115	9.0	33201.0	-6311.0	205	8.7	53300.0	-6337.6	295	9.5	71201.0	-6309.0
26	9.7	10857.0	-6306.3	116	9.2	33238.0	-6302.7	206	9.7	53550.0	-6354.3	296	9.0	71209.0	-6300.4
27	9.2	11043.0	-6348.0	117	9.5	33335.0	-6303.1	207	9.7	53404.0	-6332.0	297	9.3	71217.0	-6344.0
28	9.5	11640.0	-6338.6	118	9.0	33515.0	-6310.2	208	9.7	53831.0	-6348.0	298	9.2	71326.0	-6315.7
29	9.2	11945.0	-6305.9	119	9.5	33522.0	-6309.3	209	9.7	54114.0	-6321.4	299	8.0	71536.0	-6354.0
30	9.5	12232.0	-6336.6	120	9.5	33524.0	-6313.5	210	9.2	54559.0	-6319.0	300	8.2	71559.0	-6315.2

301	9.7	71632.0	-6356.7	391	9.2	81159.0	-6342.8	481	9.5	93228.0	-6352.6	571	8.5	103557.0	-6321.0
302	9.2	71643.0	-6312.2	392	8.7	81300.0	-6351.0	482	8.0	93256.0	-6359.5	572	9.7	103600.0	-6322.2
303	9.7	71645.0	-6338.9	393	9.5	81433.0	-6319.0	483	9.5	93304.0	-6320.0	573	7.5	103642.0	-6349.1
304	7.8	71729.0	-6309.8	394	7.0	81516.0	-6348.0	484	9.5	93315.0	-6358.0	574	9.0	103659.0	-6307.9
305	9.0	71732.0	-6350.1	395	9.7	81550.0	-6309.3	485	9.0	93507.0	-6314.0	575	9.5	103706.0	-6355.9
306	9.2	71946.0	-6331.3	396	9.2	81614.0	-6348.3	486	7.0	93520.0	-6350.2	576	8.0	103710.0	-6327.0
307	9.2	72048.0	-6338.9	397	9.2	81620.0	-6352.1	487	9.2	93525.0	-6333.0	577	9.2	103726.0	-6314.9
308	9.7	72220.0	-6332.6	398	9.5	81806.0	-6329.7	488	8.0	93546.0	-6355.9	578	6.0	103746.0	-6349.0
309	9.5	72342.0	-6324.6	399	8.5	81820.0	-6307.0	489	9.5	93810.0	-6303.0	579	8.0	103801.0	-6345.0
310	9.5	72548.0	-6328.6	400	9.5	81831.0	-6309.0	490	9.5	94020.0	-6319.0	580	3.0	103828.0	-6344.4
311	9.7	72550.0	-6305.5	401	9.3	81832.0	-6356.6	491	9.5	94107.0	-6340.4	581	9.5	103847.0	-6337.7
312	8.2	72610.0	-6358.6	402	8.5	81849.0	-6337.0	492	9.2	94141.0	-6346.5	582	9.0	103849.0	-6332.0
313	9.0	72638.0	-6317.5	403	8.8	81856.0	-6339.8	493	9.7	94142.0	-6334.6	583	8.0	103902.0	-6324.5
314	8.2	72719.0	-6312.1	404	6.8	81924.0	-6342.2	494	9.5	94153.0	-6334.6	584	7.0	103923.0	-6335.5
315	9.5	72754.0	-6305.1	405	9.7	82014.0	-6355.6	495	8.7	94214.0	-6355.0	585	5.6	103938.0	-6318.0
316	9.7	72829.0	-6340.6	406	8.5	82112.0	-6319.8	496	9.0	94237.0	-6340.0	586	9.2	103942.0	-6322.0
317	9.7	72933.0	-6330.6	407	9.0	82150.0	-6320.0	497	8.5	94408.0	-6301.7	587	8.5	104006.0	-6309.4
318	8.5	73002.0	-6309.6	408	9.7	82215.0	-6310.0	498	9.5	94441.0	-6306.0	588	9.5	104058.0	-6334.6
319	9.7	73012.0	-6352.0	409	9.2	82313.0	-6340.8	499	8.8	94508.0	-6323.7	589	9.0	104136.0	-6322.7
320	8.5	73123.0	-6302.9	410	9.5	82342.0	-6343.0	500	9.7	94524.0	-6301.9	590	8.7	104141.0	-6356.6
321	9.2	73314.0	-6313.4	411	9.7	82349.0	-6318.4	501	9.5	94540.0	-6303.0	591	9.7	104144.0	-6310.6
322	9.7	73418.0	-6334.7	412	9.7	82429.0	-6343.2	502	9.7	94600.0	-6351.4	592	6.3	104147.0	-6351.0
323	8.8	73524.0	-6356.1	413	9.5	82619.0	-6313.0	503	8.8	94746.0	-6339.6	593	6.5	104156.0	-6336.1
324	8.5	73528.0	-6301.6	414	9.2	82804.0	-6320.2	504	9.2	95014.0	-6335.8	594	9.0	104158.0	-6340.7
325	9.5	73618.0	-6358.4	415	9.5	83008.0	-6316.4	505	9.7	95048.0	-6310.5	595	9.5	104159.0	-6328.1
326	9.2	73630.0	-6346.0	416	8.5	83119.0	-6324.7	506	9.0	95346.0	-6304.1	596	8.8	104211.0	-6357.2
327	8.5	73651.0	-6339.8	417	8.2	83310.0	-6300.8	507	7.5	95350.0	-6354.0	597	6.0	104217.0	-6343.4
328	9.0	73656.0	-6317.2	418	9.7	83402.0	-6332.4	508	9.2	95425.0	-6321.2	598	8.5	104238.0	-6336.0
329	9.7	73711.0	-6309.0	419	9.0	83439.0	-6349.8	509	8.5	95450.0	-6344.0	599	7.5	104304.0	-6353.2
330	8.5	73743.0	-6308.1	420	8.5	83450.0	-6311.6	510	9.0	95532.0	-6346.2	600	7.2	104320.0	-6336.0
331	8.3	73940.0	-6303.7	421	9.2	83506.0	-6349.8	511	8.5	95609.0	-6352.0	601	9.0	104331.0	-6313.0
332	9.7	73953.0	-6350.8	422	9.5	83718.0	-6306.6	512	9.7	95625.0	-6318.0	602	8.2	104405.0	-6310.8
333	9.0	74007.0	-6356.7	423	9.7	83822.0	-6307.0	513	9.0	95939.0	-6322.0	603	9.0	104412.0	-6323.7
334	9.5	74040.0	-6354.0	424	8.5	83904.0	-6353.7	514	9.2	100033.0	-6349.7	604	9.0	104425.0	-6335.5
335	8.8	74104.0	-6311.4	425	9.7	84108.0	-6352.0	515	9.3	100154.0	-6302.0	605	9.5	104514.0	-6317.6
336	9.7	74116.0	-6317.7	426	9.5	84112.0	-6318.0	516	8.0	100210.0	-6313.4	606	9.0	104515.0	-6300.6
337	9.5	74136.0	-6323.8	427	8.5	84329.0	-6326.1	517	9.0	100231.0	-6319.4	607	8.2	104523.0	-6352.6
338	9.5	74150.0	-6327.4	428	9.0	84410.0	-6306.8	518	9.0	100329.0	-6359.0	608	9.0	104546.0	-6319.6
339	8.5	74212.0	-6306.0	429	8.0	84501.0	-6320.7	519	9.0	100401.0	-6337.4	609	9.0	104552.0	-6300.9
340	9.5	74405.0	-6303.0	430	9.5	84543.0	-6328.2	520	9.5	100445.0	-6302.2	610	9.2	104607.0	-6301.0
341	9.7	74408.0	-6304.8	431	9.5	84625.0	-6324.9	521	9.0	100518.0	-6310.0	611	8.0	104607.0	-6348.7
342	8.0	74410.0	-6353.3	432	9.7	84712.0	-6341.3	522	9.2	100532.0	-6337.3	612	8.2	104753.0	-6344.6
343	9.5	74439.0	-6350.7	433	9.0	84937.0	-6312.8	523	9.5	100556.0	-6354.0	613	9.5	104810.0	-6332.0
344	9.7	74506.0	-6354.8	434	9.5	85006.0	-6305.2	524	9.5	100615.0	-6306.8	614	9.7	104842.0	-6303.8
345	9.5	74509.0	-6345.0	435	8.5	85016.0	-6308.2	525	9.5	100619.0	-6309.5	615	9.7	104845.0	-6307.0
346	9.7	74600.0	-6327.3	436	9.2	85214.0	-6316.0	526	7.5	100642.0	-6346.0	616	9.5	104925.0	-6357.1
347	8.8	74609.0	-6311.0	437	9.0	85338.0	-6317.7	527	8.5	100701.0	-6322.6	617	9.0	104942.0	-6318.4
348	8.8	74619.0	-6324.1	438	7.2	85419.0	-6304.1	528	9.5	100713.0	-6318.0	618	9.2	105036.0	-6333.8
349	8.0	74714.0	-6322.0	439	9.7	85447.0	-6325.0	529	8.5	100720.0	-6347.0	619	9.5	105153.0	-6333.0
350	9.5	74727.0	-6324.0	440	8.8	85459.0	-6301.2	530	8.5	100802.0	-6312.1	620	9.2	105316.0	-6343.0
351	9.2	74732.0	-6325.2	441	9.5	85510.0	-6352.0	531	8.8	100803.0	-6347.7	621	9.5	105321.0	-6319.8
352	9.0	74857.0	-6349.0	442	9.5	85513.0	-6326.2	532	9.0	100854.0	-6335.5	622	9.7	105330.0	-6348.9
353	9.7	74900.0	-6340.9	443	9.0	85520.0	-6313.0	533	8.0	100901.0	-6347.0	623	9.2	105422.0	-6311.0
354	9.5	74901.0	-6333.2	444	9.5	85641.0	-6328.0	534	9.2	100918.0	-6322.0	624	9.5	105645.0	-6333.0
355	9.7	75040.0	-6329.1	445	9.5	85930.0	-6302.2	535	9.0	100954.0	-6317.1	625	8.0	105655.0	-6338.0
356	8.0	75047.0	-6357.8	446	8.7	90025.0	-6313.2	536	8.5	101033.0	-6355.0	626	9.0	105723.0	-6335.1
357	9.5	75053.0	-6326.0	447	9.0	90030.0	-6312.0	537	9.5	101150.0	-6305.8	627	7.8	105954.0	-6356.5
358	9.0	75207.0	-6326.1	448	8.5	90237.0	-6347.0	538	8.5	101202.0	-6308.9	628	9.5	110020.0	-6353.2
359	8.5	75216.0	-6319.2	449	9.5	90248.0	-6351.9	539	9.2	101230.0	-6317.7	629	9.5	110024.0	-6306.0
360	9.7	75217.0	-6327.6	450	7.5	90343.0	-6359.6	540	9.2	101513.0	-6351.8	630	9.0	110309.0	-6348.9
361	9.5	75414.0	-6353.2	451	9.7	90426.0	-6318.3	541	9.7	101917.0	-6317.6	631	9.0	110318.0	-6355.7
362	9.2	75424.0	-6352.0	452	9.2	90516.0	-6326.0	542	9.0	102123.0	-6329.0	632	9.5	110321.0	-6317.5
363	9.7	75455.0	-6340.3	453	9.7	90527.0	-6332.0	543	8.2	102240.0	-6342.7	633	9.5	110346.0	-6330.0
364	9.5	75510.0	-6350.0	454	9.5	90529.0	-6332.0	544	9.2	102339.0	-6326.6	634	9.0	110438.0	-6306.8
365	9.5	75517.0	-6344.7	455	9.2	90709.0	-6317.9	545	9.5	102401.0	-6323.4	635	9.2	110524.0	-6311.8
366	9.7	75540.0	-6338.6	456	9.2	90850.0	-6320.7	546	9.2	102438.0	-6357.7	636	9.5	110636.0	-6312.2
367	9.0	75550.0	-6322.0	457	9.7	90904.0	-6303.0	547	6.0	102444.0	-6332.0	637	6.0	110735.0	-6329.0
368	9.2	75615.0	-6359.3	458	9.0	91056.0	-6340.4	548	9.2	102549.0	-6314.0	638	9.7	110839.0	-6323.6
369	9.5	75630.0	-6326.6	459	9.2	91111.0	-6310.3	549	9.3	102652.0	-6309.2	639	9.5	110920.0	-6304.3
370	9.7	75729.0	-6317.0	460	9.0	91125.0	-6340.4	550	9.5	102654.0	-6332.5	640	9.2	111212.0	-6321.1
371	9.7	75832.0	-6308.9	461	9.5	91127.0	-6351.0	551	9.5	102657.0	-6332.5	641	8.5	111239.0	-6321.8
372	5.0	75844.0	-6313.0	462	8.5	91132.0	-6310.5	552	9.2	102710.0	-6344.5	642	8.8	111331.0	-6334.8
373	9.5	80022.0	-6309.4	463	9.7	91155.0	-6321.0	553	8.0	102735.0	-6318.0	643	7.0	111403.0	-6354.1
374	9.7	80038.0	-6318.9	464	9.0	91201.0	-6337.6	554	9.5	102936.0	-6310.0	644	9.0	111433.0	-6303.8
375	9.5	80140.0	-6330.4	465	9.7	91304.0	-6327.3	555	9.5	102944.0	-6314.9	645	9.0	111531.0	-6327.4
376	9.2	80156.0	-6341.0	466	7.8	91410.0	-6314.9	556	9.2	103011.0	-6304.2	646	9.7	111804.0	-6300.5
377	9.7	80218.0	-6320.7	467	9.7	91838.0	-6358.1	557	8.0	103040.0	-6329.5	647	9.2	111920.0	-6354.6
378	9.7	80241.0	-6309.1	468	9.5	91903.0	-6306.4	558	8.8	103043.0	-6329.0	648	9.0	111921.0	-6325.0
379	9.7	80256.0	-6326.4	469	9.0	92130.0	-6310.6	559	9.0	103058.0	-6334.5	649	8.2	112014.0	-6307.1
380	9.5	80314.0	-6326.0	470	8.5	92310.0	-6311.4	560	9.0	103102.0	-6320.8	650	6.0	112018.0	-6317.3
381	9.5	80343.0	-6358.7	471	9.5	92315.0	-6311.0	561	9.0	103116.0	-6338.8	651	9.5	112232.0	-6330.4
382	9.5	80420.0	-6332.1	472	9.0	92356.0	-6305.3	562	9.2	103119.0	-6304.6	652	9.0	112339.0	-6310.0
383	9.0	80447.0	-6325.9	473	9.5	92439.0	-6342.0	563	8.5	103142.0	-6336.0	653	9.5	112401.0	-6321.0
384	9.5	80449.0	-6333.0	474	9.5	92514.0	-6348.0	564	9.5	103257.0	-6300.5	654	8.2	112447.0	-6307.8
385	7.5	80458.0	-6309.0	475	9.2	92535.0	-6322.4	565	9.2	103402.0	-6311.0	655	9.0	112450.0	-6329.7
386	6.5	80644.0	-6325.8	476	9.2	92728.0	-6332.0	566	7.5	103431.0	-6350.6	656	9.6	112528.0	-6321.0
387	9.0	80750.0	-6357.3	477	9.5	92750.0	-6303.9	567	9.0	103444.0	-6301.1	657	9.0	112612.0	-6313.2
388	9.0	80901.0	-6340.3	478	8.0	92846.0	-6340.8	568	7.0	103501.0	-6327.4	658	8.5	112627.0	-6313.4
389	8.5	81110.0	-6335.9	479	9.5	92905.0	-6325.8	569	8.5	103502.0	-6308.0	659	9.5	112734.0	-6304.2
390	9.7	81112.0	-6332.4	480	8.0	93135.0	-6328.0	570	9.0	103508.0	-6302.5	660	9.0	112751.0	-6312.0

661	9.0	112850.0	-6316.2	751	8.0	121651.0	-6310.5	841	5.5	131540.0	-6353.1	931	8.8	135923.0	-6335.8
662	9.7	113047.0	-6334.6	752	8.5	121659.0	-6317.6	842	9.5	131545.0	-6324.7	932	9.2	135925.0	-6346.5
663	9.7	113100.0	-6342.2	753	9.5	121728.0	-6329.0	843	9.7	131546.0	-6332.4	933	9.2	140021.0	-6300.3
664	9.2	113250.0	-6350.0	754	9.2	121807.0	-6339.0	844	9.5	131642.0	-6359.4	934	9.5	140046.0	-6331.2
665	9.5	113424.0	-6305.2	755	9.5	121809.0	-6342.0	845	6.5	131656.0	-6350.3	935	9.0	140103.0	-6300.8
666	8.5	113437.0	-6346.0	756	7.5	121851.0	-6320.0	846	9.7	131820.0	-6314.0	936	9.0	140135.0	-6352.3
667	7.5	113543.0	-6308.1	757	9.2	121852.0	-6319.2	847	9.2	131846.0	-6326.5	937	9.0	140327.0	-6334.7
668	8.0	113601.0	-6306.4	758	6.8	122027.0	-6306.0	848	9.2	131852.0	-6307.2	938	8.2	140346.0	-6323.5
669	9.5	113640.0	-6320.6	759	9.5	122036.0	-6331.5	849	8.8	131908.0	-6310.4	939	8.8	140448.0	-6336.5
670	8.5	113657.0	-6323.3	760	9.5	122038.0	-6313.4	850	8.5	132013.0	-6336.0	940	9.8	140452.0	-6336.9
671	9.5	113703.0	-6359.5	761	9.0	122043.0	-6352.7	851	9.0	132015.0	-6336.5	941	9.0	140543.0	-6318.5
672	9.7	114030.0	-6321.8	762	9.0	122046.0	-6311.2	852	9.0	132018.0	-6323.0	942	9.0	140600.0	-6308.0
673	9.7	114142.0	-6336.2	763	6.5	122121.0	-6339.1	853	9.0	132020.0	-6318.4	943	9.0	140640.0	-6349.0
674	5.0	114337.0	-6305.9	764	9.5	122230.0	-6317.3	854	7.5	132039.0	-6313.1	944	9.7	140707.0	-6301.6
675	7.8	114540.0	-6354.2	765	9.7	122409.0	-6345.0	855	8.8	132102.0	-6348.8	945	9.2	140828.0	-6352.7
676	9.5	114622.0	-6353.8	766	9.5	122511.0	-6329.6	856	9.2	132217.0	-6309.0	946	9.0	140845.0	-6314.0
677	9.2	114649.0	-6343.1	767	9.5	122542.0	-6332.0	857	9.5	132246.0	-6349.0	947	9.0	140912.0	-6307.5
678	9.5	114720.0	-6355.6	768	9.5	122650.0	-6341.3	858	9.2	132258.0	-6302.2	948	8.8	140921.0	-6307.0
679	8.0	114819.0	-6300.2	769	9.2	122740.0	-6351.0	859	9.7	132345.0	-6354.7	949	9.2	140923.0	-6347.0
680	9.0	114910.0	-6321.3	770	9.7	122832.0	-6328.7	860	8.0	132437.0	-6301.3	950	9.0	140932.0	-6322.0
681	8.2	114911.0	-6300.2	771	9.7	122854.0	-6331.0	861	9.5	132504.0	-6321.8	951	9.2	141039.0	-6310.3
682	8.0	114949.0	-6356.0	772	9.2	122919.0	-6352.5	862	9.5	132512.0	-6314.0	952	9.5	141056.0	-6345.0
683	9.0	114955.0	-6300.5	773	9.5	122929.0	-6317.5	863	9.5	132559.0	-6354.2	953	9.5	141100.0	-6353.0
684	9.0	115009.0	-6350.8	774	9.0	123144.0	-6326.7	864	9.7	132655.0	-6303.3	954	9.2	141104.0	-6330.0
685	8.2	115016.0	-6306.0	775	9.0	123216.0	-6307.0	865	9.5	132757.0	-6308.7	955	9.2	141109.0	-6330.5
686	9.2	115020.0	-6305.6	776	9.6	123331.0	-6305.0	866	9.5	132803.0	-6304.5	956	9.0	141130.0	-6348.0
687	9.5	115035.0	-6322.0	777	9.2	123349.0	-6351.5	867	9.0	132823.0	-6359.4	957	8.0	141141.0	-6339.5
688	9.5	115055.0	-6335.0	778	9.5	123532.0	-6332.4	868	9.0	132824.0	-6300.5	958	9.0	141158.0	-6313.4
689	9.0	115109.0	-6354.3	779	8.7	123648.0	-6331.5	869	8.5	132834.0	-6329.0	959	8.5	141219.0	-6342.1
690	9.0	115122.0	-6344.2	780	9.5	123703.0	-6322.2	870	8.0	132948.0	-6325.5	960	9.2	141245.0	-6349.0
691	9.5	115149.0	-6359.5	781	9.7	124004.0	-6358.6	871	9.5	133009.0	-6327.0	961	9.5	141319.0	-6323.4
692	9.5	115204.0	-6350.9	782	9.2	124042.0	-6357.8	872	9.5	133045.0	-6321.2	962	9.0	141404.0	-6337.8
693	9.5	115222.0	-6356.5	783	9.5	124155.0	-6331.0	873	6.5	133127.0	-6356.5	963	9.5	141456.0	-6320.0
694	6.5	115230.0	-6339.0	784	8.5	124225.0	-6355.5	874	9.2	133136.0	-6351.0	964	8.5	141516.0	-6307.6
695	9.0	115235.0	-6354.3	785	9.5	124246.0	-6330.0	875	8.8	133157.0	-6326.4	965	8.0	141625.0	-6354.9
696	9.0	115239.0	-6348.0	786	9.0	124423.0	-6359.4	876	9.7	133222.0	-6307.0	966	9.0	141642.0	-6314.0
697	9.0	115347.0	-6307.0	787	9.5	124433.0	-6305.2	877	9.5	133313.0	-6311.8	967	9.2	141758.0	-6311.8
698	8.8	115428.0	-6309.2	788	9.2	124532.0	-6343.8	878	9.2	133328.0	-6304.8	968	8.8	141802.0	-6326.0
699	9.3	115444.0	-6301.5	789	9.7	124757.0	-6341.5	879	9.5	133447.0	-6311.1	969	9.0	141915.0	-6333.0
700	9.0	115451.0	-6333.2	790	8.0	124850.0	-6341.0	880	9.5	133453.0	-6358.0	970	9.5	141955.0	-6336.0
701	9.0	115500.0	-6323.4	791	9.2	125048.0	-6344.0	881	9.7	133556.0	-6326.8	971	9.2	142020.0	-6318.7
702	9.0	115549.0	-6303.6	792	9.5	125139.0	-6330.5	882	9.2	133559.0	-6319.0	972	9.0	142026.0	-6300.6
703	9.3	115602.0	-6333.0	793	8.0	125157.0	-6341.5	883	9.2	133621.0	-6307.5	973	9.2	142137.0	-6356.5
704	8.5	115648.0	-6339.0	794	9.0	125220.0	-6337.0	884	8.5	133705.0	-6320.0	974	8.5	142204.0	-6343.8
705	9.2	115656.0	-6314.1	795	9.2	125227.0	-6356.2	885	8.5	133726.0	-6302.5	975	9.2	142211.0	-6304.5
706	9.0	115732.0	-6318.1	796	9.5	125231.0	-6333.0	886	9.5	133816.0	-6350.8	976	9.0	142244.0	-6324.0
707	8.0	115741.0	-6350.2	797	9.5	125254.0	-6337.5	887	8.8	133837.0	-6344.5	977	8.2	142247.0	-6332.5
708	7.2	115906.0	-6334.9	798	9.7	125349.0	-6322.8	888	9.2	133839.0	-6342.4	978	8.5	142307.0	-6344.8
709	9.0	120013.0	-6315.0	799	9.2	125403.0	-6357.4	889	9.5	133842.0	-6331.7	979	9.0	142310.0	-6345.8
710	5.0	120021.0	-6354.7	800	9.7	125522.0	-6303.0	890	8.5	133905.0	-6314.2	980	9.2	142311.0	-6317.4
711	9.5	120045.0	-6344.8	801	9.5	125527.0	-6326.5	891	9.7	133918.0	-6302.0	981	9.5	142347.0	-6357.5
712	7.5	120050.0	-6359.0	802	9.0	125557.0	-6301.4	892	9.5	134003.0	-6339.0	982	9.2	142350.0	-6332.2
713	8.7	120217.0	-6315.8	803	9.2	125603.0	-6325.8	893	9.2	134007.0	-6334.5	983	9.2	142421.0	-6331.5
714	8.5	120244.0	-6302.7	804	9.5	125606.0	-6307.0	894	9.0	134019.0	-6340.8	984	9.5	142426.0	-6319.8
715	9.0	120252.0	-6311.0	805	7.2	125710.0	-6346.7	895	8.8	134033.0	-6327.0	985	9.0	142439.0	-6339.0
716	7.5	120253.0	-6308.0	806	9.5	125713.0	-6334.0	896	9.2	134104.0	-6342.6	986	9.5	142506.0	-6326.0
717	8.5	120319.0	-6312.9	807	9.2	125725.0	-6322.9	897	9.0	134217.0	-6354.3	987	9.0	142516.0	-6354.2
718	9.2	120321.0	-6308.0	808	9.0	125806.0	-6334.0	898	9.0	134220.0	-6315.8	988	9.0	142529.0	-6348.2
719	9.0	120331.0	-6317.6	809	9.0	125808.0	-6351.8	899	9.5	134256.0	-6359.0	989	7.5	142615.0	-6328.0
720	9.0	120339.0	-6345.0	810	9.2	125843.0	-6353.0	900	8.8	134331.0	-6301.0	990	9.2	142621.0	-6340.0
721	9.7	120345.0	-6342.0	811	9.5	125900.0	-6326.8	901	9.2	134345.0	-6330.5	991	8.2	142634.0	-6335.4
722	9.2	120355.0	-6323.8	812	9.0	125949.0	-6320.8	902	9.5	134409.0	-6317.4	992	9.0	142640.0	-6323.4
723	9.5	120412.0	-6340.6	813	9.5	130026.0	-6325.0	903	8.8	134418.0	-6315.5	993	9.5	142643.0	-6308.0
724	9.5	120419.0	-6343.0	814	9.7	130040.0	-6325.5	904	9.0	134440.0	-6312.0	994	9.2	142648.0	-6307.7
725	8.5	120445.0	-6316.5	815	9.5	130158.0	-6353.5	905	9.5	134553.0	-6306.0	995	9.0	142651.0	-6331.3
726	9.7	120517.0	-6350.4	816	8.8	130244.0	-6352.5	906	9.2	134559.0	-6324.0	996	9.2	142702.0	-6354.7
727	7.0	120522.0	-6349.0	817	9.5	130256.0	-6308.0	907	9.7	134607.0	-6340.3	997	8.8	142718.0	-6311.0
728	8.5	120548.0	-6309.6	818	9.2	130302.0	-6339.6	908	9.5	134611.0	-6312.6	998	9.5	142821.0	-6330.3
729	9.5	120632.0	-6347.0	819	9.5	130340.0	-6354.0	909	8.0	134706.0	-6316.8	999	9.2	142910.0	-6344.0
730	9.2	120706.0	-6314.2	820	9.0	130417.0	-6309.0	910	9.2	134812.0	-6316.3	1000	9.0	142915.0	-6352.0
731	9.5	120734.0	-6358.5	821	9.7	130436.0	-6350.0	911	9.6	134835.0	-6336.0	1001	8.5	142947.0	-6300.5
732	7.5	120737.0	-6343.0	822	9.2	130537.0	-6301.5	912	6.0	134838.0	-6304.4	1002	9.5	143052.0	-6302.7
733	9.0	120818.0	-6345.6	823	8.5	130542.0	-6339.3	913	9.2	134857.0	-6320.5	1003	9.0	143108.0	-6341.0
734	9.0	120821.0	-6350.5	824	9.5	130614.0	-6340.1	914	9.7	134915.0	-6354.7	1004	8.5	143113.0	-6307.5
735	8.8	120839.0	-6353.0	825	9.2	130645.0	-6350.4	915	9.2	135107.0	-6358.0	1005	8.5	143116.0	-6338.0
736	9.0	120912.0	-6317.0	826	9.2	130722.0	-6338.5	916	9.5	135124.0	-6330.5	1006	8.8	143145.0	-6348.8
737	7.8	120922.0	-6345.3	827	9.0	130747.0	-6313.0	917	9.0	135245.0	-6337.2	1007	9.0	143206.0	-6329.5
738	8.5	120953.0	-6349.3	828	9.5	130805.0	-6308.6	918	9.0	135357.0	-6313.5	1008	9.2	143224.0	-6359.2
739	9.0	120956.0	-6308.0	829	9.5	130926.0	-6328.0	919	9.0	135422.0	-6314.4	1009	9.0	143227.0	-6342.0
740	9.5	121000.0	-6325.8	830	8.2	130945.0	-6355.4	920	9.2	135443.0	-6713.0	1010	9.5	143240.0	-6338.7
741	9.7	121007.0	-6318.5	831	8.5	130957.0	-6302.1	921	9.2	135517.0	-6327.6	1011	9.7	143418.0	-6346.5
742	8.5	121116.0	-6329.4	832	9.5	131033.0	-6354.5	922	9.5	135554.0	-6345.0	1012	9.0	143616.0	-6323.0
743	9.5	121138.0	-6322.7	833	9.7	131109.0	-6338.7	923	9.0	135559.0	-6309.4	1013	8.8	143629.0	-6339.5
744	5.0	121140.0	-6319.8	834	8.5	131122.0	-6305.6	924	9.2	135602.0	-6307.3	1014	8.5	143641.0	-6357.0
745	9.2	121144.0	-6312.4	835	9.0	131213.0	-6307.2	925	9.0	135656.0	-6300.5	1015	9.0	143706.0	-6329.0
746	9.0	121206.0	-6359.2	836	9.5	131242.0	-6355.3	926	9.5	135701.0	-6346.6	1016	9.2	143709.0	-6322.5
747	9.2	121325.0	-6334.7	837	8.5	131310.0	-6323.7	927	9.5	135715.0	-6304.5	1017	9.0	143745.0	-6348.0
748	8.0	121328.0	-6357.0	838	9.2	131339.0	-6358.4	928	9.0	135756.0	-6330.2	1018	8.8	143754.0	-6323.5
749	8.0	121523.0	-6359.2	839	8.5	131355.0	-6333.6	929	9.0	135813.0	-6351.9	1019	9.0	143757.0	-6317.0
750	9.2	121626.0	-6324.0	840	9.5	131446.0	-6356.2	930	8.5	135842.0	-6356.5	1020	9.7	143804.0	-6341.0

1021	8.8	143931.0	-6344.0	1111	9.0	153204.0	-6344.2	1201	6.0	161618.0	-6346.0
1022	9.0	143939.0	-6359.2	1112	9.5	153327.0	-6306.0	1202	9.0	161642.0	-6303.0
1023	9.2	144032.0	-6330.4	1113	9.0	153412.0	-6321.0	1203	9.0	161644.0	-6340.5
1024	9.2	144131.0	-6353.8	1114	9.0	153420.0	-6313.2	1204	9.5	161649.0	-6328.0
1025	9.5	144132.0	-6325.6	1115	8.8	153421.0	-6320.0	1205	9.0	161738.0	-6303.2
1026	9.2	144143.0	-6326.6	1116	9.2	153441.0	-6338.9	1206	9.2	161752.0	-6315.0
1027	9.5	144147.0	-6325.0	1117	8.8	153536.0	-6312.3	1207	9.5	161819.0	-6359.5
1028	9.0	144213.0	-6316.0	1118	9.5	153539.0	-6358.7	1208	9.0	161841.0	-6346.5
1029	6.5	144230.0	-6317.8	1119	9.0	153612.0	-6326.5	1209	8.8	161934.0	-6332.0
1030	8.0	144245.0	-6348.5	1120	9.0	153639.0	-6306.0	1210	9.2	162018.0	-6337.0
1031	9.2	144252.0	-6326.7	1121	9.2	153730.0	-6333.5	1211	8.0	162140.0	-6333.4
1032	9.0	144314.0	-6323.5	1122	9.0	153738.0	-6347.0	1212	9.2	162208.0	-6323.5
1033	8.8	144334.0	-6315.0	1123	9.0	153819.0	-6353.1	1213	9.0	162233.0	-6330.0
1034	9.2	144341.0	-6323.0	1124	9.0	153844.0	-6322.6	1214	8.8	162304.0	-6343.7
1035	9.0	144450.0	-6307.0	1125	9.2	153847.0	-6323.7	1215	9.0	162347.0	-6346.3
1036	8.5	144529.0	-6359.5	1126	9.5	153903.0	-6317.0	1216	9.0	162431.0	-6357.0
1037	9.0	144630.0	-6339.0	1127	9.2	153922.0	-6330.4	1217	8.5	162452.0	-6358.0
1038	8.5	144748.0	-6302.4	1128	8.0	154018.0	-6348.0	1218	8.5	162503.0	-6322.0
1039	9.0	144752.0	-6303.0	1129	9.7	154139.0	-6324.3	1219	8.0	162600.0	-6359.0
1040	9.2	144746.0	-6342.0	1130	9.0	154228.0	-6338.0	1220	9.0	162715.0	-6335.4
1041	9.7	144918.0	-6321.5	1131	9.5	154242.0	-6338.7	1221	9.2	162824.0	-6335.0
1042	9.2	145040.0	-6335.0	1132	9.0	154247.0	-6345.0	1222	9.7	162920.0	-6353.5
1043	9.2	145112.0	-6345.2	1133	8.5	154249.0	-6301.2	1223	8.5	162931.0	-6348.5
1044	8.0	145116.0	-6325.5	1134	9.5	154334.0	-6351.6	1224	9.0	163023.0	-6309.6
1045	9.2	145119.0	-6351.5	1135	3.0	154409.0	-6302.6	1225	8.8	163222.0	-6314.0
1046	8.8	145227.0	-6311.0	1136	9.2	154423.0	-6341.9	1226	9.5	163314.0	-6311.0
1047	9.2	145254.0	-6344.8	1137	9.5	154519.0	-6350.8	1227	9.5	163412.0	-6310.5
1048	9.5	145305.0	-6342.0	1138	9.2	154542.0	-6358.8	1228	9.2	163603.0	-6317.0
1049	9.0	145308.0	-6324.2	1139	9.0	154646.0	-6337.0	1229	8.5	163656.0	-6337.0
1050	6.0	145419.0	-6332.0	1140	8.8	154655.0	-6313.0	1230	9.2	163804.0	-6336.2
1051	9.0	145426.0	-6356.5	1141	9.5	154702.0	-6307.5	1231	9.0	163920.0	-6305.0
1052	9.2	145442.0	-6314.0	1142	9.2	154755.0	-6300.5	1232	9.0	163921.0	-6316.5
1053	9.0	145536.0	-6305.2	1143	9.5	154824.0	-6330.2	1233	9.0	164004.0	-6355.0
1054	8.5	145545.0	-6300.6	1144	8.8	154843.0	-6354.0	1234	8.5	164049.0	-6358.6
1055	9.5	145609.0	-6312.4	1145	9.2	154930.0	-6304.0	1235	8.0	164155.0	-6301.4
1056	9.2	145659.0	-6327.6	1146	7.5	154958.0	-6325.5	1236	8.0	164251.0	-6314.8
1057	9.0	145720.0	-6335.7	1147	9.5	155002.0	-6317.0	1237	6.5	164342.0	-6304.0
1058	8.5	145845.0	-6302.2	1148	9.0	155043.0	-6325.0	1238	9.0	164447.0	-6340.2
1059	6.8	145902.0	-6310.0	1149	9.2	155049.0	-6353.8	1239	8.5	164516.0	-6359.0
1060	9.5	145933.0	-6334.8	1150	9.5	155120.0	-6311.4	1240	9.7	164604.0	-6349.5
1061	9.0	150029.0	-6355.6	1151	8.5	155127.0	-6331.6	1241	8.5	164730.0	-6326.0
1062	9.7	150046.0	-6356.8	1152	8.2	155211.0	-6301.0	1242	9.2	164734.0	-6311.5
1063	9.5	150052.0	-6321.0	1153	9.2	155233.0	-6328.0	1243	8.8	164737.0	-6324.8
1064	9.5	150113.0	-6349.5	1154	9.5	155325.0	-6353.3	1244	9.0	164749.0	-6327.2
1065	8.5	150305.0	-6325.2	1155	9.0	155329.0	-6318.0	1245	8.8	164805.0	-6325.5
1066	9.7	150315.0	-6330.0	1156	8.5	155404.0	-6312.0	1246	9.2	164824.0	-6303.0
1067	9.5	150358.0	-6309.8	1157	9.5	155534.0	-6359.5	1247	9.0	164931.0	-6312.8
1068	8.2	150404.0	-6309.5	1158	9.5	155657.0	-6320.2	1248	9.0	164935.0	-6322.5
1069	9.0	150447.0	-6340.0	1159	9.0	155737.0	-6334.5	1249	9.2	164952.0	-6304.0
1070	9.5	150509.0	-6357.5	1160	9.7	155816.0	-6358.5	1250	9.0	165147.0	-6308.0
1071	9.5	150642.0	-6330.3	1161	8.8	155845.0	-6308.5	1251	9.5	165304.0	-6352.0
1072	5.5	150703.0	-6309.0	1162	9.0	155920.0	-6355.5	1252	9.7	165426.0	-6314.0
1073	9.2	150718.0	-6348.6	1163	9.2	155943.0	-6322.0	1253	9.2	165501.0	-6349.0
1074	9.0	150829.0	-6330.0	1164	8.5	155952.0	-6349.5	1254	9.0	165549.0	-6332.0
1075	9.7	150926.0	-6334.0	1165	9.2	160005.0	-6323.2	1255	8.0	165559.0	-6340.0
1076	9.2	151003.0	-6339.2	1166	9.5	160024.0	-6345.6	1256	9.5	165726.0	-6325.5
1077	9.7	151055.0	-6359.0	1167	9.2	160027.0	-6343.0	1257	9.7	165802.0	-6309.2
1078	9.5	151115.0	-6356.5	1168	8.8	160103.0	-6352.5	1258	9.7	170039.0	-6309.0
1079	9.0	151127.0	-6354.5	1169	9.5	160136.0	-6333.0	1259	4.2	170046.0	-6331.8
1080	8.8	151142.0	-6340.0	1170	9.0	160158.0	-6357.8	1260	8.8	170225.0	-6323.6
1081	9.5	151210.0	-6316.6	1171	8.5	160243.0	-6347.0	1261	8.2	170249.0	-6343.0
1082	9.0	151243.0	-6330.0	1172	9.5	160327.0	-6338.0	1262	9.5	170532.0	-6301.5
1083	9.2	151402.0	-6311.0	1173	4.5	160402.0	-6322.0	1263	9.2	170623.0	-6333.0
1084	9.0	151404.0	-6300.5	1174	9.5	160404.0	-6304.5	1264	9.0	170656.0	-6340.5
1085	9.5	151414.0	-6342.5	1175	9.0	160446.0	-6356.5	1265	8.8	170728.0	-6358.0
1086	9.2	151516.0	-6342.5	1176	9.0	160507.0	-6317.0	1266	8.8	170849.0	-6348.5
1087	8.5	151545.0	-6346.0	1177	8.5	160509.0	-6351.2	1267	7.5	170920.0	-6327.0
1088	9.0	151616.0	-6353.5	1178	9.5	160516.0	-6354.0	1268	8.8	170933.0	-6324.5
1089	9.7	151844.0	-6329.2	1179	9.0	160543.0	-6317.5	1269	8.2	170955.0	-6318.3
1090	9.5	151907.0	-6328.0	1180	9.2	160558.0	-6359.4	1270	8.5	171011.0	-6356.2
1091	9.7	151924.0	-6335.0	1181	9.5	160647.0	-6345.0	1271	9.2	171121.0	-6304.0
1092	8.8	152027.0	-6339.8	1182	9.2	160652.0	-6301.3	1272	8.5	171207.0	-6302.7
1093	9.2	152029.0	-6321.0	1183	9.0	160818.0	-6300.5	1273	9.3	171344.0	-6302.2
1094	9.7	152046.0	-6325.0	1184	8.5	160821.0	-6341.0	1274	9.7	171424.0	-6311.2
1095	9.5	152128.0	-6314.0	1185	9.5	160832.0	-6352.7	1275	9.2	171432.0	-6330.8
1096	9.2	152304.0	-6357.0	1186	8.8	160834.0	-6338.0	1276	9.0	171441.0	-6342.0
1097	9.5	152320.0	-6359.0	1187	9.2	160910.0	-6303.5	1277	7.5	171558.0	-6309.5
1098	9.5	152454.0	-6318.8	1188	8.5	160927.0	-6300.8	1278	8.5	171621.0	-6342.0
1099	9.7	152459.0	-6318.0	1189	8.5	160940.0	-6325.0	1279	9.0	171626.0	-6327.5
1100	9.2	152702.0	-6326.2	1190	8.5	161031.0	-6315.4	1280	9.0	171633.0	-6340.8
1101	8.5	152740.0	-6314.4	1191	9.0	161035.0	-6351.2	1281	9.2	171642.0	-6358.0
1102	9.7	152815.0	-6348.0	1192	8.5	161117.0	-6309.2	1282	8.0	171709.0	-6318.5
1103	9.0	152817.0	-6317.5	1193	9.5	161236.0	-6312.6	1283	9.0	171818.0	-6344.8
1104	9.5	152922.0	-6335.0	1194	9.0	161245.0	-6346.2	1284	9.0	172051.0	-6302.5
1105	8.0	152933.0	-6325.7	1195	9.0	161312.0	-6336.2	1285	8.2	172056.0	-6315.0
1106	8.5	153050.0	-6328.0	1196	9.2	161414.0	-6338.4	1286	9.7	172145.0	-6335.5
1107	8.8	153055.0	-6354.0	1197	9.0	161446.0	-6335.0	1287	9.5	172323.0	-6335.0
1108	7.5	153102.0	-6346.0	1198	9.2	161504.0	-6309.5	1288	8.5	172427.0	-6306.4
1109	9.2	153111.0	-6359.5	1199	8.8	161513.0	-6322.7	1289	9.0	172450.0	-6325.7
1110	8.8	153156.0	-6354.0	1200	8.8	161514.0	-6323.4	1290	9.0	172525.0	-6340.6
1201	6.0	161618.0	-6346.0	1291	8.5	172547.0	-6316.0
1202	9.0	161642.0	-6303.0	1292	9.2	172732.0	-6320.0
1203	9.0	161644.0	-6340.5	1293	9.0	172834.0	-6341.5
1204	9.5	161649.0	-6328.0	1294	9.5	172951.0	-6341.5
1205	9.0	161738.0	-6303.2	1295	9.7	173108.0	-6319.0
1206	9.2	161752.0	-6315.0	1296	9.7	173330.0	-6306.0
1207	9.5	161819.0	-6359.5	1297	9.5	173522.0	-6332.8
1208	9.0	161841.0	-6346.5	1298	8.0	173549.0	-6330.0
1209	8.8	161934.0	-6332.0	1299	9.0	173700.0	-6346.0
1210	9.2	162018.0	-6337.0	1300	9.7	173751.0	-6351.5
1211	8.0	162140.0	-6333.4	1301	9.0	173905.0	-6311.0
1212	9.2	162208.0	-6323.5	1302	9.0	173913.0	-6309.2
1213	9.0	162233.0	-6330.0	1303	9.0	173950.0	-6314.5
1214	8.8	162304.0	-6343.7	1304	8.0	174136.0	-6355.0
1215	9.0	162347.0	-6346.3	1305	9.7	174220.0	-6337.0
1216	9.0	162431.0	-6357.0	1306	8.5	174258.0	-6314.6
1217	8.5	162452.0	-6358.0	1307	9.5	174407.0	-6358.2
1218	8.5	162503.0	-6322.0	1308	9.0	174501.0	-6305.0
1219	8.0	162600.0	-6359.0	1309	9.5	174552.0	-6349.8
1220	9.0	162715.0	-6335.4	1310	8.5	174601.0	-6336.6
1221	9.2	162824.0	-6335.0	1311	9.2	174605.0	-6310.3
1222	9.7	162920.0	-6353.5	1312	9.7	174616.0	-6310.0
1223	8.5	162931.0	-6348.5	1313	9.2	174627.0	-6319.5
1224	9.0	163023.0	-6309.6	1314	9.0	174717.0	-6324.2
1225	8.8	163222.0	-6314.0	1315	9.0	174735.0	-6345.5
1226	9.5	163314.0	-6311.0	1316	9.0	174836.0	-6328.2
1227	9.5	163412.0	-6310.5	1317	9.7	174924.0	-6339.0
1228	9.2	163603.0	-6317.0	1318	8.5	175037.0	-6357.2
1229	8.5	163656.0	-6337.0	1319	9.2	175113.0	-6314.5
1230	9.2	163804.0	-6336.2	1320	9.0	175140.0	-6301.8
1231	9.0	163920.0	-6305.0	1321	9.2	175200.0	-6307.0
1232	9.0	163921.0	-6316.5	1322	9.7	175254.0	-6344.0
1233	9.0	164004.0	-6355.0	1323	8.8	175306.0	-6344.5
1234	8.5	164049.0	-6358.6	1324	9.2	175326.0	-6304.2
1235	8.0	164155.0	-6301.4	1325	8.0	175337.0	-6311.0
1236	8.0	164251.0	-6314.8	1326	9.2	175424.0	-6335.0
1237	6.5	164342.0	-6304.0	1327	8.8	175527.0	-6309.2
1238	9.0	164447.0	-6340.2	1328	5.0	175634.0	-6340.5
1239	8.5	164516.0	-6359.0	1329	9.2	175655.0	-6337.6
1240	9.7	164604.0	-6349.5	1330	9.5	175732.0	-6356.2
1241	8.5	164730.0	-6326.0	1331	9.0	175751.0	-6300.5
1242	9.2	164734.0	-6311.5	1332	9.7	175830.0	-6321.2
1243	8.8	164737.0	-6324.8	1333	9.2	180005.0	-6351.5
1244	9.0	164749.0	-6327.2	1334	9.5	180014.0	-6332.5
1245	8.8	164805.0	-6325.5	1335	9.2	180050.0	-6342.5
1246	9.2	164824.0	-6303.0	1336	8.5	180055.0	-6337.8
1247	9.0	164931.0	-6312.8	1337	9.2	180211.0	-6321.5
1248	9.0	164935.0	-6322.5	1338	7.0	180217.0	-6343.0
1249	9.2	164952.0	-6304.0	1339	6.0	180345.0	-6305.0
1250	9.0	165147.0	-6308.0	1340	9.0	180406.0	-6319.2
1251	9.5	165304.0	-6352.0	1341	8.5	180428.0	-6322.5
1252	9.7	165426.0	-6314.0	1342	8.8	180653.0	-6354.0
1253	9.2	165501.0	-6349.0	1343	6.5	180732.0	-6355.0
1254	9.0	165549.0	-6332.0	1344	9.5	180747.0	-6344.8
1255	8.0	165559.0	-6340.0	1345	9.5	180819.0	-6339.5
1256	9.5	165726.0	-6325.5	1346	8.5	180905.0	-6317.0
1257	9.7	165802.0	-6309.2	1347	8.8	180956.0	-6339.8
1258	9.7	170039.0	-6309.0	1348	8.0	181011.0	-6326.2
1259	4.2	170046.0	-6331.8	1349	9.0	181023.0	-6323.0
1260	8.8	170225.0	-6323.6	1350	9.0	181102.0	-6357.5
1261	8.2	170249.0	-6343.0	1351	8.2	181155.0	-6326.0
1262	9.5	170532.0	-6301.5	1352	9.0	181257.0	-6316.0
1263	9.2	170623.0	-6333.0	1353	6.5	181343.0	-6305.0
1264	9.0	170656.0	-6340.5	1354	8.2	181605.0	-6322.6
1265	8.8	170728.0	-6358.0	1355	8.8	181624.0	-6354.0
1266	8.8	170849.0	-6348.5	1356	9.2	181752.0	-6302.5
1267	7.5	170920.0	-6327.0	1357	8.2	181827.0	-6314.0
1268	8.8	170933.0	-6324.5	1358	8.0	181915.0	-6306.8
1269	8.2	170955.0	-6318.3	1359	9.0	182003.0	-6317.0
1270	8.5	171011.0	-6356.2	1360	9.7	182015.0	-6337.0
1271	9.2	171121.0	-6304.0	1361	9.2	182352.0	-6312.5
1272	8.5	171207.0	-6302.7	1362	9.0	182436.0	-6358.8
1273	9.3	171344.0	-6302.2	1363	9.5	182537.0	-6307.6
1274	9.7	171424.0	-6311.2	1364	9.2	182652.0	-6311.2
1275	9.2	171432.0	-6330.8	1365	9.0	182700.0	-6329.2
1276	9.0	171441.0	-6342.0	1366	9.2	182916.0	-6338.5
1277	7.5	171558.0	-6309.5	1367	9.0	183015.0	-6302.4
1278	8.5	171621.0	-6342.0	1368	9.2	183109.0	-6344.8
1279	9.0	171626.0	-6327.5	1369	8.5	183118.0	-6345.0
1280	9.0	171633.0	-6340.8	1370	9.7	183355.0	-6333.0
1281	9.2	171642.0	-6358.0	1371	9.0	183519.0	-6329.5
1282	8.0	171709.0	-6318.5	1372	8.8	183603.0	-6306.2
1283	9.0	171818.0	-6344.8	1373	8.0	183716.0	-6324.0
1284	9.0	172051.0	-6302.5	1374	8.2	183945.0	-6358.0
1285	8.2	172056.0	-6315.0	1375	9.2	184011.0	-6338.5
1286	9.7	172145.0	-6335.5	1376	9.5	184015.0	-6350.5
1287	9.5	172323.0	-6335.0	1377	8.8	184048.0	-6351.8
1288	8.5	172427.0	-6306.4	1378	9.5	184136.0	-6359.0
1289	9.0	172450.0	-6325.7	1379	9.5	184313.0	-6323.5
1290	9.0	172525.0	-6340.6	1380	9.5	184319.0	-6327.0

1381	8.8	184526.0	-6332.5	1471	9.7	202155.0	-6323.0	1561	9.7	221910.0	-6352.3	16	9.5	04108.0	-6405.6
1382	9.7	184641.0	-6326.2	1472	7.5	202356.0	-6343.7	1562	9.5	222206.0	-6305.4	17	9.0	04510.0	-6445.2
1383	8.8	184830.0	-6309.5	1473	9.5	202421.0	-6332.5	1563	9.5	222344.0	-6345.5	18	9.0	04616.0	-6422.3
1384	7.5	184928.0	-6302.4	1474	8.5	202518.0	-6302.3	1564	9.2	222403.0	-6323.0	19	7.0	04722.0	-6425.0
1385	8.5	184935.0	-6331.2	1475	6.8	202553.0	-6333.0	1565	9.5	222524.0	-6314.5	20	9.2	04755.0	-6450.7
1386	7.8	185118.0	-6304.6	1476	9.2	202556.0	-6334.8	1566	9.5	222635.0	-6326.5	21	8.0	05112.0	-6438.5
1387	7.0	185215.0	-6358.0	1477	9.2	202639.0	-6318.8	1567	9.7	222910.0	-6316.3	22	9.0	05143.0	-6445.0
1388	8.5	185325.0	-6331.5	1478	7.0	202908.0	-6320.5	1568	9.7	223003.0	-6311.7	23	9.5	05158.0	-6447.2
1389	7.5	185403.0	-6355.8	1479	9.0	203003.0	-6330.3	1569	8.5	223156.0	-6309.0	24	9.0	05239.0	-6434.2
1390	8.0	185414.0	-6312.0	1480	9.0	203035.0	-6308.0	1570	8.0	223244.0	-6335.0	25	8.5	05249.0	-6426.8
1391	9.5	185503.0	-6304.0	1481	9.5	203127.0	-6352.0	1571	8.5	223317.0	-6355.7	26	9.0	05547.0	-6458.0
1392	9.0	185507.0	-6335.2	1482	8.5	203227.0	-6325.2	1572	7.0	223622.0	-6312.5	27	9.2	05629.0	-6453.3
1393	9.7	185539.0	-6313.0	1483	9.2	203340.0	-6335.5	1573	9.0	223705.0	-6312.7	28	9.0	05748.0	-6439.7
1394	9.7	185703.0	-6337.8	1484	9.0	203352.0	-6334.2	1574	9.5	223815.0	-6343.8	29	9.0	05910.0	-6449.0
1395	9.5	185757.0	-6325.8	1485	9.0	203416.0	-6342.0	1575	9.5	223925.0	-6301.5	30	8.8	10211.0	-6401.8
1396	9.7	185842.0	-6300.5	1486	8.5	203458.0	-6307.5	1576	9.0	223953.0	-6343.7	31	9.5	10332.0	-6458.5
1397	9.0	185910.0	-6346.5	1487	9.5	203604.0	-6336.2	1577	7.2	224244.0	-6328.5	32	9.7	10733.0	-6445.2
1398	9.0	190057.0	-6345.5	1488	9.5	203736.0	-6341.0	1578	7.8	224305.0	-6331.0	33	9.5	10835.0	-6425.0
1399	7.0	190152.0	-6307.5	1489	9.7	204123.0	-6316.0	1579	6.5	224406.0	-6350.6	34	9.3	10934.0	-6444.6
1400	9.0	190215.0	-6319.8	1490	9.0	204245.0	-6346.8	1580	7.5	224443.0	-6329.0	35	9.5	11113.0	-6444.0
1401	9.2	190220.0	-6357.0	1491	7.5	204355.0	-6318.5	1581	9.7	224546.0	-6338.0	36	9.2	11216.0	-6410.2
1402	9.2	190244.0	-6340.2	1492	9.7	204642.0	-6358.2	1582	9.5	224806.0	-6312.3	37	9.5	11910.0	-6401.0
1403	9.5	190307.0	-6317.0	1493	9.5	204812.0	-6323.0	1583	9.7	225020.0	-6324.5	38	9.2	12040.0	-6436.5
1404	9.0	190335.0	-6314.5	1494	9.5	204818.0	-6317.8	1584	7.0	225148.0	-6326.8	39	9.7	12522.0	-6433.0
1405	9.2	190442.0	-6320.0	1495	8.5	204820.0	-6303.0	1585	7.5	225405.0	-6345.0	40	9.2	12854.0	-6430.8
1406	8.5	190448.0	-6325.0	1496	9.5	204825.0	-6324.8	1586	9.5	225502.0	-6325.2	41	9.7	13132.0	-6410.1
1407	9.7	190603.0	-6300.5	1497	8.0	204922.0	-6321.0	1587	8.0	225520.0	-6303.6	42	9.5	14143.0	-6422.6
1408	9.5	190727.0	-6323.4	1498	9.0	205054.0	-6356.0	1588	9.0	225526.0	-6328.6	43	9.0	14339.0	-6414.0
1409	8.8	190748.0	-6306.0	1499	9.0	205118.0	-6348.4	1589	8.8	225653.0	-6359.4	44	8.5	14442.0	-6458.2
1410	9.5	190752.0	-6310.0	1500	9.0	205232.0	-6344.5	1590	9.0	225730.0	-6355.7	45	8.5	14523.0	-6408.0
1411	8.8	190808.0	-6306.8	1501	8.2	205320.0	-6358.0	1591	7.5	225739.0	-6304.2	46	9.0	14549.0	-6400.7
1412	8.5	190829.0	-6324.0	1502	9.5	205435.0	-6354.2	1592	8.8	225750.0	-6303.0	47	9.7	14920.0	-6423.5
1413	9.0	190837.0	-6342.5	1503	8.0	205748.0	-6327.0	1593	9.2	230123.0	-6327.1	48	9.5	15312.0	-6439.0
1414	9.0	190846.0	-6319.6	1504	9.2	205836.0	-6333.0	1594	7.5	230332.0	-6352.6	49	9.7	15542.0	-6430.0
1415	8.2	191009.0	-6321.5	1505	9.0	205838.0	-6336.5	1595	9.5	230540.0	-6334.6	50	9.7	15625.0	-6434.8
1416	9.0	191135.0	-6303.4	1506	9.7	205950.0	-6304.8	1596	6.5	230619.0	-6321.7	51	7.0	15819.0	-6414.0
1417	8.5	191204.0	-6324.7	1507	9.5	210114.0	-6318.0	1597	9.0	230835.0	-6330.6	52	9.5	15936.0	-6431.2
1418	9.0	191217.0	-6305.5	1508	9.5	210448.0	-6302.5	1598	7.5	230947.0	-6328.3	53	9.0	15941.0	-6450.2
1419	9.0	191220.0	-6312.3	1509	9.7	210657.0	-6344.0	1599	9.2	231033.0	-6341.0	54	9.7	20256.0	-6458.0
1420	7.0	191236.0	-6314.1	1510	8.0	210846.0	-6333.6	1600	9.5	231219.0	-6325.7	55	9.5	20309.0	-6454.4
1421	8.5	191247.0	-6335.8	1511	9.2	211102.0	-6334.7	1601	8.2	231510.0	-6316.4	56	9.7	20425.0	-6453.2
1422	8.0	191441.0	-6328.2	1512	9.5	211337.0	-6324.6	1602	9.5	231523.0	-6306.0	57	8.0	20647.0	-6457.0
1423	9.2	191555.0	-6326.8	1513	9.5	211408.0	-6327.6	1603	8.8	231702.0	-6324.5	58	9.7	20730.0	-6417.2
1424	9.2	191654.0	-6308.0	1514	9.2	211711.0	-6311.0	1604	7.5	231906.0	-6355.0	59	9.7	20914.0	-6455.0
1425	9.5	191749.0	-6304.2	1515	9.0	211932.0	-6350.0	1605	7.0	231954.0	-6325.5	60	8.5	21100.0	-6423.0
1426	8.5	191754.0	-6302.0	1516	8.5	212042.0	-6339.5	1606	9.0	232022.0	-6302.6	61	9.5	21512.0	-6452.5
1427	8.8	191758.0	-6303.2	1517	8.2	212140.0	-6336.0	1607	5.8	232141.0	-6348.3	62	9.0	21639.0	-6407.5
1428	7.8	192215.0	-6318.8	1518	9.5	212309.0	-6347.2	1608	9.7	232224.0	-6310.0	63	8.8	21839.0	-6402.6
1429	9.5	192308.0	-6316.5	1519	8.0	212558.0	-6331.5	1609	9.0	232418.0	-6337.2	64	9.2	21840.0	-6454.7
1430	8.5	192406.0	-6301.8	1520	9.0	212607.0	-6304.5	1610	9.7	232606.0	-6316.0	65	9.5	22008.0	-6438.2
1431	9.7	192647.0	-6316.0	1521	9.0	212811.0	-6322.0	1611	9.0	232609.0	-6358.3	66	8.5	22124.0	-6418.0
1432	8.0	192718.0	-6309.5	1522	8.8	212832.0	-6353.6	1612	9.5	232750.0	-6311.6	67	9.0	22127.0	-6434.0
1433	9.5	192801.0	-6358.8	1523	9.0	212846.0	-6330.0	1613	9.5	232810.0	-6352.4	68	9.5	22223.0	-6447.5
1434	9.2	192850.0	-6314.5	1524	9.5	213001.0	-6339.4	1614	8.2	232930.0	-6327.0	69	9.5	22255.0	-6413.3
1435	8.5	192949.0	-6308.0	1525	8.5	213034.0	-6321.8	1615	9.0	232939.0	-6326.5	70	9.5	22443.0	-6410.7
1436	9.5	193251.0	-6309.5	1526	9.7	213117.0	-6307.0	1616	9.5	233046.0	-6303.5	71	6.5	22506.0	-6451.8
1437	9.0	193313.0	-6316.2	1527	9.2	213253.0	-6315.0	1617	7.0	233142.0	-6334.6	72	9.2	22730.0	-6427.0
1438	9.0	193409.0	-6319.7	1528	8.5	213416.0	-6358.5	1618	8.8	233151.0	-6326.6	73	9.5	22732.0	-6404.2
1439	8.5	193508.0	-6302.3	1529	7.5	213648.0	-6307.6	1619	9.0	233204.0	-6356.0	74	7.5	22801.0	-6435.4
1440	8.8	193606.0	-6333.5	1530	9.0	213804.0	-6329.0	1620	9.0	233209.0	-6344.7	75	9.2	22836.0	-6408.0
1441	7.8	194218.0	-6353.0	1531	9.2	214010.0	-6330.5	1621	9.0	233303.0	-6333.6	76	9.2	22853.0	-6432.0
1442	8.8	194412.0	-6320.5	1532	9.0	214025.0	-6353.2	1622	9.7	233329.0	-6354.8	77	9.5	22940.0	-6404.7
1443	9.0	194515.0	-6320.8	1533	8.0	214036.0	-6327.5	1623	9.0	233442.0	-6312.7	78	9.5	22955.0	-6421.0
1444	8.5	194529.0	-6348.2	1534	9.5	214045.0	-6310.2	1624	9.5	233502.0	-6305.7	79	9.7	23127.0	-6428.0
1445	9.5	194638.0	-6300.5	1535	9.0	214117.0	-6321.5	1625	9.7	233650.0	-6356.0	80	9.3	23326.0	-6401.5
1446	8.0	194717.0	-6327.0	1536	9.5	214137.0	-6358.3	1626	9.5	234047.0	-6301.5	81	9.5	23400.0	-6429.5
1447	9.7	194734.0	-6324.5	1537	9.7	214350.0	-6327.4	1627	7.0	234305.0	-6332.1	82	6.6	23648.0	-6449.5
1448	9.7	194922.0	-6346.0	1538	7.8	214435.0	-6341.0	1628	9.5	234752.0	-6334.2	83	9.0	24056.0	-6401.5
1449	8.5	195118.0	-6341.2	1539	8.5	214601.0	-6348.3	1629	7.0	234933.0	-6334.5	84	6.0	24246.0	-6414.0
1450	7.8	195356.0	-6324.5	1540	9.0	214712.0	-6354.0	1630	6.2	235042.0	-6339.7	85	9.0	24325.0	-6455.0
1451	9.0	195624.0	-6304.8	1541	9.0	214908.0	-6317.8	1631	7.2	235154.0	-6342.0	86	9.2	24415.0	-6450.2
1452	9.7	195714.0	-6312.7	1542	8.2	215002.0	-6304.6	1632	9.7	235437.0	-6311.5	87	9.5	24508.0	-6453.0
1453	7.0	195857.0	-6358.7	1543	9.2	215225.0	-6357.5	1633	7.7	235505.0	-6337.0	88	8.5	24735.0	-6431.5
1454	9.0	195945.0	-6349.5	1544	9.5	215330.0	-6334.0	1634	9.5	235631.0	-6334.3	89	9.2	24840.0	-6434.0
1455	7.5	200033.0	-6359.3	1545	9.5	215444.0	-6333.5	1635	8.5	235849.0	-6332.6	90	7.0	24902.0	-6403.5
1456	9.0	200126.0	-6316.0	1546	8.2	215619.0	-6351.0	1	8.5	00324.0	-6416.8	91	8.2	24934.0	-6432.2
1457	8.5	200142.0	-6316.5	1547	8.8	215649.0	-6343.3	2	9.0	00625.0	-6420.0	92	9.5	25112.0	-6451.0
1458	6.5	200318.0	-6347.5	1548	9.5	215703.0	-6316.0	3	9.7	00620.0	-6458.2	93	7.0	25157.0	-6452.0
1459	8.8	200615.0	-6320.0	1549	8.5	220144.0	-6342.4	4	9.5	01017.0	-6443.7	94	7.0	25219.0	-6430.8
1460	7.5	200719.0	-6332.5	1550	7.5	220727.0	-6357.8	5	9.5	01219.0	-6421.8	95	8.2	25230.0	-6433.0
1461	9.0	200735.0	-6340.0	1551	7.0	220912.0	-6325.5	6	7.5	01222.0	-6409.8	96	8.5	25347.0	-6420.0
1462	7.0	200804.0	-6336.5	1552	8.5	220920.0	-6337.9	7	9.5	01640.0	-6422.6	97	8.8	25427.0	-6430.8
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1464	8.5	201450.0	-6304.0	1554	9.5	221035.0	-6342.5	9	8.5	01950.0	-6442.0	99	9.0	25519.0	-6446.0
1465	9.0	201527.0	-6322.2	1555	8.0	221044.0	-6354.0	10	9.7	02530.0	-6458.6	100	5.2	25624.0	-6434.4
1466	9.0	201609.0	-6327.8	1556	7.0	221219.0	-6310.7	11	8.5	02748.0	-6421.6	101	7.5	25715.0	-6407.2
1467	9.0	201735.0	-6330.0	1557	9.0	221408.0	-6313.5	12	9.0	02910.0	-6421.8	102	9.2	25735.0	-6406.4
1468	9.5	201942.0	-6316.0	1558	8.0	221530.0	-6347.6	13	9.7	03137.0	-6430.4	103	9.0	25759.0	-6400.5
1469	9.0	202005.0	-6344.8	1559	8.0	221753.0	-6310.0	14	9.5	03615.0	-6438.0	104	8.2	30011.0	-6421.4
1470	9.0	202032.0	-6345.0	1560	9.0	221827.0	-6309.2	15	9.7	03926.0	-6438.8	105	9.2	30148.0	-6450.0

106	9.5	30150.0	-6441.8
107	9.5	30415.0	-6414.0
108	9.2	30442.0	-6412.0
109	9.5	30504.0	-6431.5
110	9.0	30620.0	-6435.2
111	7.0	30750.0	-6423.0
112	9.7	30757.0	-6422.5
113	9.0	31003.0	-6448.0
114	7.0	31314.0	-6454.2
115	9.2	31440.0	-6438.0
116	9.5	31540.0	-6415.5
117	8.8	32013.0	-6400.5
118	9.2	32404.0	-6401.0
119	8.5	32535.0	-6446.0
120	8.5	32606.0	-6440.2
121	8.8	32705.0	-6423.0
122	9.0	32741.0	-6401.8
123	8.2	32836.0	-6433.0
124	8.7	32954.0	-6406.5
125	9.2	33334.0	-6405.0
126	9.7	33714.0	-6438.0
127	8.8	33819.0	-6426.2
128	9.0	33924.0	-6417.0
129	8.0	34057.0	-6435.8
130	7.5	34328.0	-6407.0
131	8.7	34433.0	-6428.2
132	9.5	34435.0	-6427.8
133	9.0	34538.0	-6443.2
134	9.7	34709.0	-6430.5
135	9.5	34854.0	-6427.2
136	9.2	34925.0	-6410.0
137	8.8	35619.0	-6422.8
138	8.0	35933.0	-6446.2
139	9.2	40013.0	-6403.2
140	8.7	40034.0	-6455.0
141	9.5	40128.0	-6424.2
142	8.8	40418.0	-6416.0
143	6.7	40602.0	-6434.0
144	9.0	40640.0	-6456.5
145	9.2	41110.0	-6439.2
146	9.0	41126.0	-6434.0
147	9.7	41324.0	-6409.5
148	8.2	41528.0	-6437.8
149	8.8	41634.0	-6413.0
150	9.0	42308.0	-6428.4
151	8.8	42309.0	-6433.0
152	8.0	42403.0	-6422.2
153	9.2	42521.0	-6418.0
154	9.5	42603.0	-6424.5
155	9.0	42625.0	-6403.8
156	8.5	42756.0	-6450.0
157	9.2	42811.0	-6417.2
158	9.2	42844.0	-6459.5
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160	9.5	43346.0	-6455.0
161	9.2	43635.0	-6422.2
162	9.0	44015.0	-6440.8
163	9.0	44026.0	-6442.2
164	9.2	44219.0	-6409.5
165	9.0	44348.0	-6400.6
166	8.8	44801.0	-6436.5
167	9.2	45319.0	-6402.2
168	8.0	45415.0	-6409.0
169	8.8	45524.0	-6446.6
170	9.2	45648.0	-6442.5
171	9.2	45706.0	-6447.0
172	9.0	45746.0	-6409.0
173	8.0	45948.0	-6433.8
174	8.5	50331.0	-6442.3
175	8.0	50403.0	-6442.0
176	9.7	50814.0	-6406.2
177	9.2	51002.0	-6426.4
178	9.5	51007.0	-6424.0
179	9.1	51310.0	-6436.6
180	9.7	51550.0	-6428.8
181	9.7	51853.0	-6447.0
182	8.0	52012.0	-6412.2
183	8.5	52022.0	-6427.0
184	9.0	52412.0	-6428.9
185	9.2	52548.0	-6422.0
186	7.5	52603.0	-6425.4
187	8.2	52610.0	-6442.3
188	6.6	52932.0	-6401.6
189	6.0	53217.0	-6418.5
190	9.0	53248.0	-6429.7
191	9.7	53513.0	-6400.3
192	9.0	53554.0	-6451.2
193	9.5	53734.0	-6458.2
194	9.3	53846.0	-6451.4
195	9.7	54217.0	-6408.0
196	9.7	54407.0	-6449.0
197	9.0	54634.0	-6448.3
198	7.0	55041.0	-6404.0
199	9.0	55253.0	-6441.3
200	7.0	55338.0	-6430.0
201	9.0	55740.0	-6410.4
202	9.7	55824.0	-6422.7
203	7.5	55930.0	-6418.2
204	7.5	60126.0	-6451.0
205	8.5	60634.0	-6421.8
206	9.0	60714.0	-6425.2
207	9.5	60937.0	-6418.8
208	8.8	61419.0	-6420.2
209	9.0	61659.0	-6432.8
210	9.2	61815.0	-6444.5
211	9.7	62020.0	-6439.4
212	8.8	62217.0	-6429.0
213	9.5	62221.0	-6429.2
214	9.7	62324.0	-6457.8
215	9.5	62420.0	-6450.0
216	8.5	62526.0	-6415.2
217	9.2	62533.0	-6428.3
218	9.5	62610.0	-6422.5
219	9.7	62713.0	-6402.4
220	8.8	62830.0	-6409.4
221	9.5	63029.0	-6428.6
222	9.5	63108.0	-6436.8
223	9.7	63304.0	-6418.0
224	9.5	63339.0	-6420.8
225	9.7	63408.0	-6445.8
226	8.5	63436.0	-6454.0
227	8.2	63524.0	-6446.5
228	8.8	63601.0	-6435.0
229	9.7	63640.0	-6403.8
230	9.0	63645.0	-6456.0
231	9.5	63856.0	-6420.2
232	8.5	64032.0	-6414.0
233	8.0	64102.0	-6429.8
234	8.2	64125.0	-6424.0
235	9.2	64404.0	-6431.0
236	8.0	64451.0	-6454.4
237	8.5	64643.0	-6456.8
238	9.7	65149.0	-6456.0
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240	9.7	65314.0	-6427.5
241	9.5	65443.0	-6411.3
242	9.2	65516.0	-6450.0
243	9.0	65552.0	-6424.8
244	9.2	65635.0	-6458.4
245	9.5	65708.0	-6440.5
246	9.5	65730.0	-6410.2
247	9.0	65829.0	-6431.2
248	9.7	65930.0	-6433.8
249	8.0	70317.0	-6418.0
250	9.3	70430.0	-6403.4
251	9.5	70439.0	-6405.2
252	9.7	70503.0	-6407.0
253	9.2	70611.0	-6431.8
254	9.7	70818.0	-6415.7
255	9.5	70840.0	-6414.8
256	8.0	70917.0	-6415.4
257	9.7	71048.0	-6443.8
258	9.2	71138.0	-6426.5
259	7.5	71229.0	-6439.2
260	9.5	71359.0	-6443.0
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263	9.0	71505.0	-6424.8
264	9.5	71704.0	-6459.0
265	9.5	71816.0	-6455.4
266	9.7	71832.0	-6441.4
267	9.5	72156.0	-6423.0
268	9.7	72203.0	-6433.0
269	8.8	72231.0	-6426.8
270	9.5	72255.0	-6445.6
271	9.2	72648.0	-6406.4
272	9.0	72740.0	-6422.2
273	7.0	72750.0	-6415.2
274	9.5	72753.0	-6431.0
275	9.2	72756.0	-6406.4
276	9.5	72813.0	-6424.5
277	8.0	73019.0	-6406.0
278	9.2	73357.0	-6431.4
279	9.5	73428.0	-6458.0
280	9.5	73538.0	-6428.2
281	9.0	73744.0	-6401.6
282	8.7	73911.0	-6412.0
283	8.5	73923.0	-6401.8
284	9.5	74105.0	-6408.2
285	9.0	74247.0	-6419.5
286	9.2	74443.0	-6406.0
287	8.5	74723.0	-6430.4
288	9.2	74731.0	-6445.5
289	9.0	75104.0	-6458.4
290	8.8	75144.0	-6442.5
291	9.5	75150.0	-6405.0
292	9.0	75201.0	-6422.0
293	9.2	75304.0	-6436.4
294	9.5	75334.0	-6442.5
295	9.5	75432.0	-6422.5
296	9.2	75443.0	-6456.8
297	9.0	75602.0	-6423.0
298	9.7	75635.0	-6425.4
299	9.2	75710.0	-6401.0
300	9.0	75711.0	-6440.4
301	8.8	75726.0	-6412.5
302	9.2	75900.0	-6417.7
303	9.0	75908.0	-6430.0
304	9.0	75910.0	-6456.6
305	9.2	80014.0	-6457.7
306	9.5	80150.0	-6458.0
307	9.0	80225.0	-6416.6
308	9.2	80407.0	-6415.0
309	8.0	80433.0	-6401.3
310	8.8	80437.0	-6442.0
311	8.8	80640.0	-6427.0
312	8.0	80744.0	-6424.2
313	9.0	80938.0	-6408.9
314	9.2	81143.0	-6435.0
315	9.0	81415.0	-6405.5
316	8.8	81437.0	-6407.4
317	8.0	81512.0	-6400.7
318	9.5	81626.0	-6449.0
319	8.8	81636.0	-6456.5
320	8.8	81735.0	-6452.8
321	9.0	81805.0	-6425.0
322	9.2	81851.0	-6407.0
323	9.5	82050.0	-6432.8
324	9.0	82154.0	-6447.5
325	9.7	82244.0	-6437.5
326	9.2	82354.0	-6431.0
327	8.5	82406.0	-6402.7
328	6.5	82411.0	-6411.6
329	9.7	82544.0	-6417.0
330	9.2	82552.0	-6421.0
331	9.2	82653.0	-6428.0
332	9.2	82840.0	-6457.0
333	9..	82848.0	-6433.5
334	9.5	82941.0	-6422.5
335	8.8	83011.0	-6426.5
336	9.5	83058.0	-6442.5
337	9.6	83221.0	-6423.5
338	9.6	83354.0	-6449.5
339	8.2	83416.0	-6422.5
340	8.0	83423.0	-6413.5
341	8.5	83715.0	-6431.5
342	8.8	83823.0	-6423.5
343	9.5	83842.0	-6421.0
344	9.2	83912.0	-6410.0
345	8.5	84025.0	-6447.0
346	9.5	84101.0	-6417.0
347	8.0	84129.0	-6428.5
348	9.2	84318.0	-6443.6
349	9.0	84502.0	-6447.0
350	9.0	84512.0	-6429.0
351	9.5	84530.0	-6401.0
352	7.5	84628.0	-6458.0
353	9.5	84640.0	-6444.0
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355	8.5	84714.0	-6420.0
356	9.0	84727.0	-6400.0
357	8.5	84738.0	-6417.0
358	9.2	84827.0	-6418.0
359	8.5	84851.0	-6434.5
360	9.7	84910.0	-6410.5
361	8.5	85026.0	-6417.5
362	9.7	85033.0	-6455.5
363	9.0	85056.0	-6459.8
364	9.0	85357.0	-6411.4
365	9.0	85410.0	-6404.5
366	8.8	85435.0	-6432.5
367	9.0	85524.0	-6448.5
368	7.5	85630.0	-6402.5
369	9.0	85632.0	-6415.5
370	7.5	85905.0	-6426.0
371	9.0	85935.0	-6418.0
372	9.5	90048.0	-6430.5
373	8.0	90135.0	-6411.0
374	9.5	90146.0	-6415.0
375	9.5	90229.0	-6451.0

376	9.5	90257.0	-6422.0
377	8.8	90318.0	-6427.0
378	9.7	90324.0	-6427.0
379	9.5	90348.0	-6442.0
380	9.5	90417.0	-6426.0
381	9.0	90450.0	-6459.3
382	8.0	90741.0	-6459.0
383	9.5	90852.0	-6406.5
384	8.2	90925.0	-6441.5
385	20.0	90941.0	-6421.5
386	7.8	91153.0	-6432.5
387	8.0	91545.0	-6455.0
388	9.5	91902.0	-6406.0
389	9.0	92025.0	-6459.8
390	9.5	92041.0	-6415.0
391	9.2	92046.0	-6430.0
392	9.5	92159.0	-6430.0
393	8.5	92216.0	-6411.0
394	9.5	92222.0	-6406.0
395	7.8	92232.0	-6444.0
396	6.5	92403.0	-6424.0
397	9.7	92629.0	-6405.5
398	9.5	92630.0	-6458.5
399	8.5	92933.0	-6457.0
400	8.0	92939.0	-6450.0
401	8.5	93204.0	-6427.0
402	7.0	93310.0	-6423.5
403	9.2	93427.0	-6435.5
404	9.2	93558.0	-6425.5
405	9.5	93646.0	-6425.5
406	8.8	93735.0	-6432.0
407	9.5	93934.0	-6457.0
408	8.5	94153.0	-6405.0
409	9.0	94155.0	-6414.5
410	9.7	94249.0	-6423.0
411	9.5	94326.0	-6411.0
412	3.3	94356.0	-6430.0
413	9.5	94436.0	-6433.0
414	9.0	94438.0	-6433.0
415	9.5	94618.0	-6410.0
416	9.7	94636.0	-6424.0
417	9.7	94651.0	-6436.0
418	8.5	94736.0	-6452.0
419	9.7	94946.0	-6431.5
420	9.0	95034.0	-6425.0
421	8.8	95142.0	-6428.5
422	9.5	95256.0	-6403.5
423	9.5	95430.0	-6410.5
424	9.7	95456.0	-6410.5
425	9.0	95512.0	-6450.5
426	9.5	95531.0	-6403.5
427	9.7	95929.0	-6446.0
428	9.5	95938.0	-6447.0
429	9.2	100006.0	-6409.8
430	9.2	100026.0	-6408.0
431	7.5	100105.0	-6403.0
432	9.7	100114.0	-6420.0
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436	9.7	100422.0	-6438.0
437	7.8	100502.0	-6454.0
438	9.7	100543.0	-6405.0
439	9.0	100619.0	-6432.5
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441	9.5	100854.0	-6414.2
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443	9.5	100957.0	-6429.5
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445	8.8	101028.0	-6451.5
446	9.5	101118.0	-6427.5
447	9.5	101234.0	-6414.2
448	9.0	101246.0	-6455.0
449	7.5	101342.0	-6448.0
450	9.2	101503.0	-6446.0
451	9.7	101506.0	-6425.0
452	6.3	101512.0	-6403.0
453	7.0	101549.0	-6430.0
454	7.8	101726.0	-6434.5
455	9.5	101816.0	-6456.0
456	9.2	101940.0	-6423.6
457	9.0	102004.0	-6410.8
458	9.0	102023.0	-6435.4
459	9.7	102050.0	-6402.0
460	9.2	102129.0	-6426.0
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466 9.2 102359.0 -6404.7	556 9.5 113411.0 -6435.0	646 9.5 123102.0 -6439.0	736 9.0 132040.0 -6424.0
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512 9.2 105714.0 -6451.0	602 9.5 120920.0 -6404.7	692 9.7 125821.0 -6449.6	782 9.0 134936.0 -6413.2
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538 5.7 111755.0 -6416.0	628 9.0 121804.0 -6415.6	718 9.5 130851.0 -6456.5	808 9.5 140544.0 -6409.4
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540 9.0 112012.0 -6449.0	630 9.0 121820.0 -6425.0	720 9.7 130941.0 -6445.0	810 9.2 140652.0 -6412.2
541 9.5 112157.0 -6426.0	631 9.5 121824.0 -6420.8	721 9.5 131024.0 -6402.0	811 9.0 140839.0 -6440.6
542 9.0 112259.0 -6412.0	632 9.7 121919.0 -6420.2	722 9.7 131108.0 -6433.4	812 9.7 140901.0 -6438.2
543 9.7 112325.0 -6432.0	633 9.0 121941.0 -6436.0	723 9.5 131140.0 -6445.0	813 9.5 140940.0 -6446.0
544 9.5 112452.0 -6419.5	634 9.5 122012.0 -6409.6	724 9.7 131218.0 -6412.0	814 8.8 141009.0 -6456.4
545 8.8 112600.0 -6443.0	635 9.7 122048.0 -6440.2	725 9.0 131241.0 -6453.5	815 9.7 141053.0 -6408.8
546 9.5 112634.0 -6403.0	636 9.7 122130.0 -6423.0	726 9.5 131310.0 -6430.0	816 9.7 141102.0 -6432.5
547 9.5 112701.0 -6407.0	637 9.0 122204.0 -6413.5	727 9.5 131437.0 -6451.4	817 9.5 141204.0 -6416.0
548 9.5 112710.0 -6456.0	638 8.5 122252.0 -6406.5	728 9.5 131513.0 -6438.2	818 9.5 141320.0 -6434.5
549 9.5 112817.0 -6448.0	639 8.5 122254.0 -6407.0	729 9.2 131547.0 -6459.2	819 9.0 141323.0 -6414.6
550 8.0 112830.0 -6443.0	640 9.5 122311.0 -6406.5	730 9.0 131629.0 -6408.0	820 9.2 141433.0 -6433.2
551 9.5 113131.0 -6421.5	641 9.5 122356.0 -6457.6	731 9.2 131731.0 -6440.5	821 8.5 141441.0 -6423.4
552 9.5 113142.0 -6447.0	642 9.2 122422.0 -6411.0	732 9.0 131803.0 -6459.0	822 8.5 141452.0 -6454.8
553 8.0 113220.0 -6458.0	643 9.0 122558.0 -6406.5	733 8.8 131846.0 -6425.7	823 9.5 141531.0 -6452.0
554 6.0 113340.0 -6442.0	644 9.7 122623.0 -6458.0	734 9.5 131912.0 -6415.0	824 9.5 141608.0 -6412.5
555 8.8 113401.0 -6400.3	645 9.0 122830.0 -6435.5	735 7.0 132037.0 -6402.1	825 8.5 141614.0 -6422.0

826	9.5	141620.0	-6402.4	916	9.0	150355.0	-6451.0	1006	9.0	155745.0	-6448.8	1096	9.5	165115.0	-6442.7
827	9.0	141707.0	-6457.5	917	9.2	150411.0	-6410.0	1007	9.5	155836.0	-6415.0	1097	9.7	165345.0	-6453.0
828	9.0	141749.0	-6434.5	918	9.0	150414.0	-6408.5	1008	9.0	155920.0	-6408.2	1098	9.2	165639.0	-6440.4
829	9.0	141820.0	-6404.6	919	9.7	150516.0	-6446.2	1009	9.2	160011.0	-6412.5	1099	9.0	165808.0	-6432.0
830	8.5	141841.0	-6429.0	920	9.2	150608.0	-6412.3	1010	8.8	160034.0	-6418.2	1100	9.7	165820.0	-6458.5
831	9.0	141845.0	-6453.0	921	9.7	150743.0	-6440.4	1011	9.5	160105.0	-6408.5	1101	9.7	165908.0	-6443.7
832	9.2	141922.0	-6457.5	922	9.5	150812.0	-6410.3	1012	9.0	160132.0	-6413.4	1102	9.0	170010.0	-6449.5
833	8.5	141923.0	-6459.0	923	9.5	150932.0	-6402.2	1013	8.0	160148.0	-6439.0	1103	9.7	170053.0	-6441.3
834	9.0	141929.0	-6455.0	924	8.8	150947.0	-6400.5	1014	9.0	160329.0	-6446.4	1104	9.2	170126.0	-6426.2
835	9.5	142005.0	-6425.8	925	9.5	151029.0	-6425.0	1015	8.8	160431.0	-6401.5	1105	8.2	170213.0	-6428.2
836	8.5	142008.0	-6410.2	926	9.0	151125.0	-6403.4	1016	9.7	160441.0	-6446.0	1106	9.2	170232.0	-6446.0
837	9.2	142025.0	-6420.3	927	9.7	151134.0	-6458.5	1017	9.5	160456.0	-6414.0	1107	9.2	170245.0	-6404.0
838	9.0	142050.0	-6452.8	928	9.5	151209.0	-6413.5	1018	9.0	160518.0	-6459.0	1108	9.0	170315.0	-6401.5
839	9.2	142147.0	-6451.0	929	9.0	151246.0	-6454.0	1019	9.7	160541.0	-6429.5	1109	9.2	170320.0	-6447.6
840	9.5	142150.0	-6450.5	930	9.5	151324.0	-6403.5	1020	8.8	160605.0	-6404.7	1110	8.5	170509.0	-6435.8
841	9.5	142201.0	-6410.2	931	9.0	151429.0	-6453.0	1021	9.2	160627.0	-6440.3	1111	9.7	170542.0	-6420.5
842	9.0	142209.0	-6437.7	932	9.2	151506.0	-6454.0	1022	9.0	160653.0	-6432.6	1112	9.5	170610.0	-6432.9
843	9.2	142228.0	-6450.6	933	9.7	151556.0	-6427.8	1023	9.5	160724.0	-6443.0	1113	9.7	170710.0	-6426.8
844	9.0	142258.0	-6435.3	934	6.5	151645.0	-6405.0	1024	8.5	160739.0	-6415.5	1114	9.5	170840.0	-6454.7
845	9.2	142309.0	-6451.0	935	9.0	151705.0	-6441.5	1025	7.0	160819.0	-6420.0	1115	9.7	171010.0	-6427.2
846	9.0	142351.0	-6430.0	936	9.0	151800.0	-6405.3	1026	9.0	160822.0	-6419.2	1116	9.5	171032.0	-6449.3
847	9.5	142413.0	-6423.5	937	9.0	151814.0	-6436.8	1027	9.7	160828.0	-6400.5	1117	9.0	171117.0	-6409.5
848	8.5	142416.0	-6401.7	938	9.7	151821.0	-6424.3	1028	8.5	160837.0	-6411.4	1118	9.0	171229.0	-6426.0
849	9.0	142428.0	-6452.0	939	9.5	151919.0	-6407.0	1029	9.0	160842.0	-6433.0	1119	9.7	171255.0	-6434.7
850	9.2	142442.0	-6416.0	940	9.0	152209.0	-6412.6	1030	9.2	160848.0	-6404.5	1120	8.5	171436.0	-6424.2
851	9.0	142519.0	-6402.6	941	9.5	152214.0	-6456.2	1031	9.0	160906.0	-6415.5	1121	9.7	171441.0	-6438.5
852	9.0	142522.0	-6419.7	942	8.8	152320.0	-6456.0	1032	9.7	160927.0	-6441.2	1122	9.0	171500.0	-6453.2
853	9.2	142532.0	-6415.5	943	9.0	152331.0	-6440.2	1033	9.5	160956.0	-6438.4	1123	8.8	171545.0	-6449.7
854	8.8	142650.0	-6454.6	944	9.5	152425.0	-6405.5	1034	9.7	161021.0	-6406.5	1124	9.5	171646.0	-6448.6
855	9.7	142707.0	-6451.6	945	9.2	152429.0	-6426.7	1035	9.0	161043.0	-6402.4	1125	9.5	171912.0	-6442.5
856	8.5	142726.0	-6408.0	946	9.5	152457.0	-6430.0	1036	9.5	161144.0	-6401.4	1126	9.5	172010.0	-6459.0
857	9.0	142756.0	-6424.0	947	7.5	152501.0	-6441.0	1037	9.0	161152.0	-6435.2	1127	9.2	172019.0	-6404.3
858	9.0	142809.0	-6406.0	948	9.5	152532.0	-6422.3	1038	9.5	161220.0	-6454.0	1128	9.5	172038.0	-6449.3
859	9.0	142836.0	-6433.5	949	8.8	152615.0	-6408.0	1039	9.0	161316.0	-6444.4	1129	9.7	172112.0	-6454.5
860	8.8	142913.0	-6408.0	950	8.5	152618.0	-6407.0	1040	8.5	161321.0	-6443.7	1130	8.8	172330.0	-6431.5
861	8.5	142941.0	-6410.0	951	8.8	152627.0	-6446.5	1041	8.5	161413.0	-6421.0	1131	8.2	172335.0	-6456.8
862	9.0	142948.0	-6417.0	952	9.5	152813.0	-6442.2	1042	9.0	161425.0	-6412.4	1132	9.0	172428.0	-6426.5
863	9.0	143012.0	-6417.5	953	9.0	152921.0	-6447.0	1043	9.7	161509.0	-6409.0	1133	9.0	172431.0	-6443.2
864	8.0	143029.0	-6452.5	954	9.0	153000.0	-6407.0	1044	9.5	161541.0	-6446.5	1134	9.5	172635.0	-6409.0
865	9.2	143044.0	-6455.0	955	8.8	153009.0	-6420.2	1045	8.8	161610.0	-6422.4	1135	9.5	172743.0	-6420.5
866	9.7	143148.0	-6443.7	956	7.5	153012.0	-6439.3	1046	9.0	161716.0	-6445.7	1136	9.7	172915.0	-6454.3
867	3.5	143226.0	-6425.5	957	8.8	153044.0	-6401.7	1047	9.7	161718.0	-6400.6	1137	9.0	173152.0	-6445.8
868	8.0	143251.0	-6442.0	958	9.0	153101.0	-6400.6	1048	9.2	161719.0	-6432.6	1138	9.0	173256.0	-6408.0
869	9.5	143311.0	-6431.0	959	9.7	153125.0	-6435.0	1049	9.5	161812.0	-6437.5	1139	4.0	173331.0	-6440.0
870	9.0	143325.0	-6418.3	960	9.2	153152.0	-6403.0	1050	9.7	161856.0	-6415.0	1140	7.0	173340.0	-6416.0
871	8.5	143330.0	-6431.0	961	9.0	153226.0	-6417.3	1051	9.0	161920.0	-6442.0	1141	9.5	173356.0	-6405.8
872	9.2	143344.0	-6430.3	962	8.8	153246.0	-6458.8	1052	8.8	161929.0	-6456.5	1142	9.5	173420.0	-6459.0
873	9.2	143347.0	-6427.0	963	9.5	153328.0	-6401.4	1053	9.7	161957.0	-6454.0	1143	9.2	173528.0	-6401.3
874	9.7	143424.0	-6407.8	964	9.5	153455.0	-6430.0	1054	7.0	161959.0	-6411.4	1144	9.0	173546.0	-6437.7
875	9.0	143534.0	-6424.4	965	9.2	153512.0	-6447.0	1055	9.7	162002.0	-6410.0	1145	7.0	173753.0	-6416.0
876	8.5	143614.0	-6401.1	966	8.5	153547.0	-6401.3	1056	9.5	162118.0	-6401.7	1146	9.5	173809.0	-6450.2
877	9.0	143629.0	-6414.1	967	9.2	153549.0	-6454.5	1057	8.2	162234.0	-6445.2	1147	9.5	173938.0	-6419.5
878	9.5	143854.0	-6444.0	968	9.0	153618.0	-6402.0	1058	8.5	162340.0	-6424.7	1148	9.2	173942.0	-6447.7
879	9.5	143954.0	-6423.5	969	9.2	153718.0	-6450.4	1059	8.5	162355.0	-6446.8	1149	8.5	174026.0	-6434.5
880	9.7	144109.0	-6438.7	970	9.5	153834.0	-6422.0	1060	9.0	162434.0	-6417.3	1150	9.5	174029.0	-6452.0
881	9.5	144244.0	-6414.2	971	9.0	153920.0	-6422.5	1061	8.0	162455.0	-6433.0	1151	9.2	174214.0	-6449.5
882	9.0	144302.0	-6424.0	972	9.0	154038.0	-6432.7	1062	9.7	162523.0	-6403.7	1152	9.5	174309.0	-6446.5
883	9.2	144307.0	-6425.2	973	7.0	154135.0	-6446.0	1063	7.5	162529.0	-6423.5	1153	8.5	174437.0	-6446.5
884	9.7	144445.0	-6424.5	974	9.2	154138.0	-6438.0	1064	8.2	162554.0	-6447.5	1154	9.7	174605.0	-6428.8
885	8.8	144451.0	-6446.0	975	8.0	154150.0	-6437.5	1065	9.0	162645.0	-6449.7	1155	9.2	174644.0	-6420.6
886	9.2	144526.0	-6421.5	976	9.5	154213.0	-6417.6	1066	9.0	162703.0	-6420.8	1156	9.0	174714.0	-6404.7
887	9.5	144549.0	-6453.5	977	9.7	154337.0	-6438.0	1067	9.2	162717.0	-6440.3	1157	9.2	174823.0	-6401.5
888	8.8	144617.0	-6439.0	978	9.5	154354.0	-6403.4	1068	9.2	162849.0	-6428.3	1158	9.2	174942.0	-6454.8
889	8.5	144628.0	-6435.2	979	9.2	154420.0	-6430.2	1069	9.0	162941.0	-6441.0	1159	9.2	175014.0	-6414.5
890	9.5	144702.0	-6432.0	980	9.7	154423.0	-6446.8	1070	9.0	163101.0	-6439.7	1160	9.0	175057.0	-6401.7
891	8.0	144817.0	-6430.2	981	9.5	154648.0	-6442.6	1071	9.7	163126.0	-6413.8	1161	9.2	175203.0	-6429.2
892	9.2	144937.0	-6459.0	982	6.0	154735.0	-6440.0	1072	9.0	163224.0	-6406.5	1162	9.0	175404.0	-6405.4
893	8.8	145017.0	-6437.2	983	8.0	154822.0	-6429.7	1073	8.5	163305.0	-6450.3	1163	9.7	175441.0	-6440.4
894	9.0	145029.0	-6411.0	984	9.5	154836.0	-6440.0	1074	9.2	163329.0	-6441.8	1164	9.2	175527.0	-6411.8
895	7.0	145040.0	-6404.5	985	9.0	154845.0	-6402.6	1075	8.5	163425.0	-6412.5	1165	7.0	175532.0	-6433.0
896	9.0	145142.0	-6457.0	986	9.0	154854.0	-6424.4	1076	9.0	163522.0	-6408.3	1166	9.2	175632.0	-6437.2
897	8.8	145144.0	-6416.0	987	9.7	154943.0	-6434.3	1077	9.2	163614.0	-6400.5	1167	9.5	175830.0	-6412.0
898	9.0	145203.0	-6427.5	988	9.7	154948.0	-6452.2	1078	9.0	163625.0	-6409.0	1168	9.0	175855.0	-6431.5
899	9.0	145327.0	-6458.0	989	9.5	155008.0	-6413.3	1079	8.8	163839.0	-6416.7	1169	8.0	180003.0	-6400.8
900	9.0	145452.0	-6435.4	990	8.0	155034.0	-6403.0	1080	9.0	163906.0	-6428.0	1170	9.2	180125.0	-6416.5
901	8.5	145525.0	-6454.2	991	9.0	155049.0	-6408.2	1081	8.8	163908.0	-6442.5	1171	9.7	180141.0	-6443.5
902	9.0	145542.0	-6406.7	992	9.7	155110.0	-6444.5	1082	8.5	163947.0	-6422.0	1172	9.5	180406.0	-6432.3
903	9.5	145613.0	-6435.0	993	9.5	155142.0	-6404.0	1083	9.7	164054.0	-6455.8	1173	9.0	180622.0	-6448.2
904	7.0	145711.0	-6447.0	994	8.0	155215.0	-6407.0	1084	9.5	164129.0	-6402.7	1174	9.2	180655.0	-6406.5
905	8.5	145754.0	-6409.5	995	9.5	155239.0	-6403.0	1085	9.2	164207.0	-6441.7	1175	9.7	180740.0	-6457.0
906	9.0	145848.0	-6412.7	996	9.7	155245.0	-6404.8	1086	9.0	164238.0	-6407.0	1176	9.5	180826.0	-6441.8
907	9.7	145857.0	-6454.5	997	9.0	155315.0	-6429.0	1087	9.0	164307.0	-6445.5	1177	8.5	181050.0	-6426.2
908	9.2	150016.0	-6409.2	998	9.0	155403.0	-6452.5	1088	9.2	164335.0	-6416.0	1178	9.5	181132.0	-6445.5
909	9.2	150018.0	-6437.8	999	9.5	155419.0	-6439.2	1089	8.5	164342.0	-6437.8	1179	9.2	181155.0	-6408.3
910	8.5	150116.0	-6429.2	1000	8.0	155517.0	-6412.6	1090	8.8	164640.0	-6426.0	1180	9.7	181240.0	-6430.6
911	8.2	150141.0	-6404.0	1001	9.5	155534.0	-6422.4	1091	9.7	164733.0	-6434.5	1181	9.5	181341.0	-6413.0
912	9.0	150148.0	-6404.5	1002	9.7	155553.0	-6419.5	1092	9.0	164800.0	-6428.0	1182	9.2	181358.0	-6421.0
913	9.7	150246.0	-6410.6	1003	9.5	155645.0	-6427.5	1093	9.0	164820.0	-6423.0	1183	9.0	181407.0	-6442.7
914	9.5	150252.0	-6415.5	1004	9.0	155653.0	-6431.2	1094	8.2	164849.0	-6420.8	1184	8.4	181522.0	-6443.8
915	9.7	150350.0	-6400.8	1005	9.2	155712.0	-6457.5	1095	9.2	164935.0	-6403.5	1185	8.5	181546.0	-6423.0

1186	9.2	181625.0	-6432.5	1276	8.5	200334.0	-6434.0	1366	9.0	215959.0	-6459.0
1187	8.5	181729.0	-6440.0	1277	8.5	200417.0	-6437.5	1367	8.8	220006.0	-6457.0
1188	9.0	181906.0	-6412.5	1278	9.5	200638.0	-6411.3	1368	9.0	220105.0	-6419.6
1189	8.8	181920.0	-6444.0	1279	9.5	200709.0	-6443.5	1369	8.2	220132.0	-6438.2
1190	9.0	181936.0	-6420.5	1280	8.8	201126.0	-6435.0	1370	8.8	220140.0	-6411.0
1191	9.5	182047.0	-6432.2	1281	9.2	201205.0	-6442.3	1371	7.5	220211.0	-6438.0
1192	9.7	182112.0	-6443.3	1282	9.0	201252.0	-6459.0	1372	9.2	220351.0	-6451.0
1193	9.5	182455.0	-6454.0	1283	8.2	201306.0	-6416.7	1373	9.5	220648.0	-6405.0
1194	9.0	182647.0	-6452.7	1284	9.0	201811.0	-6448.0	1374	9.5	221055.0	-6434.2
1195	8.0	182651.0	-6458.2	1285	9.2	201846.0	-6432.0	1375	8.8	221104.0	-6415.5
1196	9.2	182725.0	-6425.5	1286	8.5	201907.0	-6439.0	1376	9.7	221231.0	-6449.3
1197	8.0	182744.0	-6450.0	1287	7.5	201927.0	-6436.5	1377	9.7	221506.0	-6440.2
1198	9.0	182826.0	-6444.6	1288	9.2	202005.0	-6456.6	1378	9.2	221542.0	-6418.2
1199	8.8	182952.0	-6425.0	1289	9.0	202100.0	-6428.0	1379	9.7	221729.0	-6454.0
1200	8.5	183001.0	-6436.2	1290	8.2	202145.0	-6427.3	1380	9.0	221838.0	-6419.0
1201	7.0	183012.0	-6444.5	1291	9.0	202332.0	-6405.0	1381	9.0	221844.0	-6416.2
1202	6.2	183126.0	-6439.5	1292	9.0	202457.0	-6437.4	1382	8.8	221917.0	-6419.8
1203	9.0	183150.0	-6405.2	1293	9.7	202634.0	-6449.7	1383	8.5	221925.0	-6455.5
1204	9.2	183153.0	-6441.0	1294	9.5	202851.0	-6455.3	1384	9.7	222003.0	-6414.5
1205	9.0	183204.0	-6450.6	1295	8.2	202950.0	-6437.0	1385	8.8	222046.0	-6403.2
1206	8.5	183239.0	-6435.2	1296	9.0	203009.0	-6428.0	1386	9.5	222242.0	-6421.6
1207	5.0	183313.0	-6459.0	1297	8.5	203038.0	-6435.5	1387	9.2	222415.0	-6437.0
1208	9.0	183322.0	-6458.6	1298	9.5	203250.0	-6412.2	1388	8.0	222453.0	-6407.2
1209	8.2	183341.0	-6455.8	1299	9.2	203305.0	-6430.0	1389	9.0	222713.0	-6430.5
1210	8.2	183432.0	-6410.3	1300	9.0	203328.0	-6438.0	1390	8.5	222832.0	-6428.0
1211	9.7	183446.0	-6453.4	1301	7.8	203434.0	-6452.2	1391	9.7	222858.0	-6402.5
1212	9.0	183508.0	-6419.8	1302	9.0	203502.0	-6424.5	1392	9.0	223006.0	-6413.0
1213	9.2	183532.0	-6408.0	1303	9.5	203600.0	-6452.3	1393	9.0	223224.0	-6424.5
1214	8.8	183635.0	-6434.0	1304	9.0	203809.0	-6420.2	1394	8.5	223243.0	-6448.0
1215	8.5	183714.0	-6455.8	1305	9.7	203853.0	-6405.0	1395	9.7	223350.0	-6415.0
1216	9.0	183821.0	-6404.0	1306	9.2	203855.0	-6410.7	1396	9.7	223531.0	-6421.4
1217	9.0	183954.0	-6443.0	1307	9.5	203901.0	-6410.5	1397	7.0	223609.0	-6436.0
1218	9.7	184054.0	-6402.6	1308	9.7	204015.0	-6419.8	1398	8.2	223652.0	-6407.2
1219	9.7	184302.0	-6405.2	1309	9.5	204042.0	-6430.0	1399	9.5	223838.0	-6436.8
1220	8.2	184306.0	-6428.0	1310	9.0	204228.0	-6405.4	1400	8.5	224031.0	-6413.0
1221	9.2	184507.0	-6418.5	1311	7.5	204239.0	-6440.3	1401	6.5	224044.0	-6422.5
1222	7.5	184631.0	-6409.8	1312	8.5	204407.0	-6440.7	1402	9.5	224050.0	-6424.5
1223	9.0	184706.0	-6447.5	1313	9.0	204747.0	-6448.0	1403	7.8	224503.0	-6426.0
1224	9.2	184926.0	-6429.0	1314	8.5	205202.0	-6427.3	1404	9.2	224617.0	-6435.5
1225	9.7	184936.0	-6429.5	1315	9.0	205358.0	-6427.5	1405	8.5	225128.0	-6450.6
1226	9.5	185014.0	-6430.2	1316	8.0	205408.0	-6432.0	1406	8.5	225153.0	-6422.4
1227	9.5	185307.0	-6457.0	1317	8.5	205431.0	-6400.5	1407	9.7	225413.0	-6423.0
1228	9.5	185458.0	-6426.4	1318	9.5	205520.0	-6416.2	1408	7.8	225414.0	-6458.2
1229	9.5	185719.0	-6420.5	1319	9.7	205659.0	-6410.5	1409	9.5	225541.0	-6438.5
1230	8.5	185909.0	-6429.5	1320	6.5	205804.0	-6425.3	1410	9.7	225654.0	-6434.0
1231	9.0	185933.0	-6449.7	1321	7.0	205947.0	-6432.0	1411	9.5	225922.0	-6428.0
1232	8.0	190119.0	-6405.2	1322	8.8	210041.0	-6411.2	1412	8.8	230023.0	-6418.5
1233	9.2	190140.0	-6406.5	1323	9.7	210122.0	-6404.0	1413	7.5	230050.0	-6432.0
1234	8.2	190251.0	-6444.0	1324	9.0	210228.0	-6437.5	1414	9.0	230139.0	-6420.2
1235	9.0	190329.0	-6407.2	1325	9.7	210343.0	-6413.0	1415	9.5	230319.0	-6431.0
1236	9.7	190350.0	-6437.5	1326	8.5	210508.0	-6412.4	1416	9.2	230506.0	-6434.2
1237	9.0	190421.0	-6421.0	1327	8.8	210611.0	-6435.0	1417	9.5	230727.0	-6414.5
1238	8.8	190912.0	-6405.5	1328	9.5	210829.0	-6414.0	1418	9.0	231004.0	-6413.3
1239	9.7	190958.0	-6430.2	1329	9.7	211003.0	-6445.0	1419	9.5	231037.0	-6447.2
1240	9.7	191027.0	-6446.3	1330	9.5	211115.0	-6433.5	1420	9.7	231114.0	-6428.5
1241	9.5	191300.0	-6408.4	1331	9.0	211120.0	-6436.0	1421	9.0	231301.0	-6413.2
1242	9.7	191442.0	-6415.0	1332	8.5	211130.0	-6456.0	1422	9.5	231519.0	-6402.0
1243	9.5	191504.0	-6436.0	1333	8.5	211345.0	-6456.0	1423	9.0	231550.0	-6432.5
1244	9.5	191707.0	-6404.5	1334	9.7	211423.0	-6451.4	1424	8.5	231603.0	-6412.7
1245	9.5	191914.0	-6407.3	1335	9.0	211529.0	-6424.0	1425	9.7	231716.0	-6418.0
1246	9.7	192118.0	-6431.0	1336	9.7	211610.0	-6421.3	1426	9.5	232010.0	-6407.2
1247	9.5	192447.0	-6444.0	1337	9.0	211936.0	-6405.0	1427	9.5	232308.0	-6418.0
1248	9.0	192632.0	-6423.7	1338	9.2	212019.0	-6422.4	1428	9.5	232421.0	-6457.4
1249	8.0	192633.0	-6411.0	1339	9.7	212044.0	-6440.2	1429	7.5	232514.0	-6421.0
1250	7.5	192746.0	-6449.0	1340	9.5	212107.0	-6456.5	1430	8.5	232626.0	-6414.4
1251	8.5	192850.0	-6430.8	1341	9.0	212156.0	-6437.0	1431	9.7	232635.0	-6455.0
1252	9.5	193204.0	-6444.0	1342	9.7	212209.0	-6452.3	1432	9.7	232829.0	-6428.0
1253	9.7	193510.0	-6404.5	1343	7.9	212254.0	-6442.4	1433	9.0	232918.0	-6446.2
1254	9.5	193543.0	-6433.8	1344	9.0	212340.0	-6437.0	1434	8.0	233136.0	-6444.0
1255	8.0	193911.0	-6416.0	1345	9.5	212349.0	-6418.0	1435	9.0	233200.0	-6402.0
1256	8.5	193914.0	-6439.5	1346	9.7	212424.0	-6412.0	1436	8.8	233619.0	-6450.2
1257	8.0	194048.0	-6417.5	1347	9.5	212606.0	-6405.7	1437	8.2	233643.0	-6438.7
1258	9.5	194157.0	-6417.8	1348	8.5	212827.0	-6420.0	1438	9.0	233705.0	-6440.0
1259	8.5	194253.0	-6426.3	1349	9.0	212953.0	-6443.0	1439	9.7	233748.0	-6417.7
1260	8.8	194422.0	-6418.0	1350	8.2	213147.0	-6442.8	1440	9.0	233907.0	-6446.6
1261	9.7	194505.0	-6429.7	1351	9.7	213429.0	-6459.0	1441	9.2	234056.0	-6452.2
1262	8.0	194731.0	-6408.0	1352	9.7	213620.0	-6432.6	1442	9.7	234209.0	-6412.8
1263	8.8	194752.0	-6411.8	1353	8.8	213803.0	-6430.5	1443	9.7	234615.0	-6441.4
1264	9.0	195033.0	-6424.5	1354	9.2	214045.0	-6448.5	1444	9.7	234806.0	-6449.8
1265	8.8	195122.0	-6404.0	1355	9.7	214202.0	-6447.0	1445	9.7	235004.0	-6458.0
1266	9.5	195256.0	-6410.5	1356	9.5	214518.0	-6454.8	1446	9.5	235051.0	-6456.0
1267	9.5	195507.0	-6450.4	1357	9.7	214615.0	-6411.8	1447	5.5	235103.0	-6459.2
1268	8.2	195841.0	-6401.5	1358	9.7	214813.0	-6442.5	1448	9.7	235520.0	-6425.2
1269	9.0	195939.0	-6440.8	1359	8.5	214920.0	-6443.0	1449	9.2	235658.0	-6425.5
1270	8.5	200002.0	-6417.7	1360	8.2	215102.0	-6402.2	1450	8.7	235723.0	-6418.0
1271	8.5	200004.0	-6459.0	1361	9.2	215244.0	-6455.7	1451	9.0	235956.0	-6456.0
1272	9.5	200029.0	-6408.0	1362	8.5	215425.0	-6407.0				
1273	8.5	200120.0	-6412.8	1363	9.5	215603.0	-6431.5				
1274	9.0	200245.0	-6414.0	1364	8.0	215910.0	-6407.2				
1275	7.0	200309.0	-6448.0	1365	7.5	215943.0	-6430.3				

1	10.0	00738.0	-6527.0	5	8.9	01211.0	-6545.5	85	9.7	14305.0	-6524.5
2	9.6	00740.0	-6557.0	6	4.1	01313.0	-6536.5	86	9.5	14510.0	-6517.0
3	10.0	00954.0	-6549.5	7	8.8	01458.0	-6548.5	87	9.8	14548.0	-6510.0
4	9.9	01050.0	-6524.5	8	9.4	01548.0	-6504.0	88	7.8	14607.0	-6500.5
				9	8.3	01713.0	-6549.0	89	9.8	14746.0	-6552.0
				10	9.7	01849.0	-6524.0	90	9.8	14811.0	-6543.0
				11	10.0	01917.0	-6528.0	91	9.7	14926.0	-6530.0
				12	9.5	01922.0	-6532.0	92	10.0	15013.0	-6512.0
				13	10.0	01928.0	-6506.0	93	10.0	15506.0	-6517.0
				14	9.5	01934.0	-6532.0	94	9.0	15618.0	-6523.0
				15	9.2	02000.0	-6538.0				
				16	10.0	02056.0	-6518.0				
				17	10.1	02149.0	-6559.0				
				18	10.2	02232.0	-6529.0				
				19	8.2	02235.0	-6525.0				
				20	9.5	02331.0	-6556.5				
				21	10.0	02608.0	-6554.5				
				22	9.9	02808.0	-6532.0				
				23	9.8	03050.0	-6528.0				
				24	6.8	03105.0	-6548.5				
				25	10.2	03116.0	-6511.5				
				26	10.0	03125.0	-6533.5				
				27	10.1	03228.0	-6539.5				
				28	8.5	03617.0	-6512.0				
				29	10.0	03718.0	-6553.5				
				30	10.2	03720.0	-6540.0				
				31	8.5	03755.0	-6530.0				
				32	9.4	03811.0	-6544.0				
				33	9.7	03835.0	-6512.0				
				34	10.0	04031.0	-6558.0				
				35	9.5	04033.0	-6551.0				
				36	9.7	04320.0	-6546.5				
				37	9.0	04419.0	-6541.0				
				38	9.0	04739.0	-6531.0				
				39	10.2	04810.0	-6504.0				
				40	9.7	05055.0	-6553.0				
				41	9.8	05214.0	-6534.0				
				42	10.0	05240.0	-6557.0				
				43	8.5	05314.0	-6523.5				
				44	8.5	05317.0	-6526.5				
				45	9.2	05524.0	-6520.5				
				46	9.8	05727.0	-6536.0				
				47	9.6	05826.0	-6502.0				
				48	9.8	05906.0	-6538.5				
				49	9.5	05908.0	-6546.5				
				50	8.0	05946.0	-6522.5				
				51	10.1	10001.0	-6503.5				
				52	9.5	10154.0	-6526.0				
				53	10.0	10403.0	-6500.0				
				54	10.2	10442.0	-6553.5				
				55	9.1	10514.0	-6501.5				
				56	10.1	10549.0	-6510.5				
				57	10.2	10823.0	-6517.5				
				58	8.9	10910.0	-6541.0				
				59	9.2	10958.0	-6533.5				
				60	9.0	11006.0	-6525.0				
				61	10.0	11230.0	-6530.0				
				62	7.1	11308.0	-6552.5				
				63	9.4	11355.0	-6517.5				
				64	10.0	11501.0	-6538.5				
				65	6.3	12048.0	-6501.0				
				66	10.2	12156.0	-6553.0				
				67	9.5	12248.0	-6513.5				
				68	10.0	12602.0	-6532.0				
				69	10.2	12613.0	-6552.0				
				70	7.7	12627.0	-6545.5				
				71	7.0	12706.0	-6546.0				
				72	8.7	12731.0	-6515.5				
				73	9.2	12912.0	-6530.5				
				74	9.7	13016.0	-6509.5				
				75	8.2	13053.0	-6556.5				
				76	8.7	13143.0	-6556.0				
				77	9.5	13234.0	-6538.5				
				78	9.7	13437.0	-6522.5				
				79	8.5	13553.0	-6512.5				
				80	10.0	13715.0	-6540.0				
				81	9.0	13906.0	-6532.0				
				82	10.0	14222.0	-6522.0				
				83	9.9	14229.0	-6524.5				
				84	9.5	14243.0	-6529.0				

-65 95 1h57m

-65 454 6h41m

95	9.9	15707.0	-6502.0	185	10.0	34444.0	-6510.0	275	10.0	44807.0	-6558.0	365	9.5	55153.0	-6536.0
96	7.9	15738.0	-6543.0	186	9.8	34605.0	-6518.0	276	9.7	44848.0	-6548.0	366	10.0	55227.0	-6513.0
97	9.5	15802.0	-6548.0	187	8.0	34631.0	-6515.0	277	9.7	44926.0	-6518.0	367	9.8	55258.0	-6535.0
98	9.5	15813.0	-6532.0	188	10.2	34845.0	-6552.0	278	9.6	44928.0	-6550.0	368	9.6	55259.0	-6525.0
99	9.7	15845.0	-6536.0	189	9.9	34853.0	-6527.0	279	9.5	44950.0	-6523.5	369	10.1	55409.0	-6520.0
100	10.1	15943.0	-6545.0	190	10.0	34857.0	-6540.0	280	9.4	45153.0	-6538.5	370	10.0	55427.0	-6509.0
101	7.3	20118.0	-6544.5	191	9.0	35000.0	-6539.5	281	9.6	45345.0	-6535.5	371	8.0	55447.0	-6554.0
102	9.8	20146.0	-6543.5	192	9.4	35120.0	-6558.5	282	9.9	45420.0	-6509.0	372	8.7	55450.0	-6558.0
103	8.8	20456.0	-6535.5	193	10.2	35135.0	-6551.5	283	7.3	45628.0	-6512.5	373	9.4	55545.0	-6502.0
104	9.5	20630.0	-6501.0	194	10.0	35149.0	-6532.0	284	10.0	45645.0	-6542.0	374	9.3	55702.0	-6518.0
105	9.8	20918.0	-6535.0	195	9.8	35206.0	-6507.0	285	9.9	45708.0	-6528.0	375	10.0	55712.0	-6544.0
106	10.2	21726.0	-6534.5	196	10.2	35206.0	-6530.0	286	10.0	45723.0	-6544.0	376	8.9	55735.0	-6523.5
107	9.2	21730.0	-6504.5	197	8.5	35409.0	-6539.0	287	9.9	45842.0	-6551.5	377	9.1	55903.0	-6523.5
108	10.0	21938.0	-6541.5	198	10.0	35411.0	-6519.0	288	9.8	45901.0	-6553.0	378	8.9	55923.0	-6527.5
109	8.0	22105.0	-6554.0	199	7.6	35437.0	-6533.0	289	10.0	45930.0	-6518.5	379	9.9	55925.0	-6525.5
110	9.3	22129.0	-6528.0	200	9.8	35550.0	-6543.0	290	9.9	45947.0	-6532.0	380	10.2	60142.0	-6509.0
111	9.2	22453.0	-6520.0	201	9.8	35659.0	-6512.0	291	10.0	50005.0	-6530.0	381	10.0	60149.0	-6508.5
112	9.3	22509.0	-6553.0	202	9.9	35907.0	-6529.6	292	10.0	50043.0	-6515.0	382	9.2	60150.0	-6520.5
113	10.0	22518.0	-6507.5	203	9.5	40314.0	-6536.0	293	9.0	50047.0	-6544.0	383	10.0	60215.0	-6539.0
114	10.0	22614.0	-6501.5	204	10.0	40350.0	-6530.5	294	9.9	50132.0	-6545.0	384	9.5	60230.0	-6549.0
115	10.0	22636.0	-6541.0	205	9.5	40549.0	-6544.5	295	10.0	50141.0	-6511.5	385	9.8	60230.0	-6553.0
116	9.8	22757.0	-6527.0	206	7.5	40713.0	-6554.5	296	9.4	50148.0	-6505.0	386	9.8	60243.0	-6546.0
117	8.4	23119.0	-6502.5	207	10.0	40754.0	-6502.0	297	10.0	50149.0	-6505.5	387	9.4	60251.0	-6515.0
118	10.0	23129.0	-6512.5	208	10.0	40807.0	-6557.0	298	9.9	50228.0	-6501.0	388	10.0	60327.0	-6524.5
119	10.2	23217.0	-6517.5	209	10.1	40808.0	-6537.0	299	10.0	50242.0	-6516.0	389	9.3	60354.0	-6535.0
120	10.2	23232.0	-6538.5	210	8.8	40823.0	-6539.0	300	8.3	50320.0	-6511.0	390	10.0	60439.0	-6541.0
121	10.0	23532.0	-6519.5	211	9.0	40826.0	-6532.0	301	10.0	50330.0	-6536.0	391	9.0	60459.0	-6550.0
122	9.1	23636.0	-6552.5	212	9.5	40827.0	-6507.0	302	9.0	50411.0	-6555.5	392	8.7	60513.0	-6551.5
123	9.5	23656.0	-6522.0	213	9.1	41038.0	-6543.0	303	20.0	50541.0	-6504.0	393	10.2	60518.0	-6543.5
124	9.8	23825.0	-6532.0	214	9.9	41045.0	-6521.0	304	9.9	50610.0	-6559.0	394	9.0	60539.0	-6517.0
125	9.5	23838.0	-6522.0	215	10.1	41055.0	-6551.0	305	7.7	50613.0	-6532.5	395	9.8	60559.0	-6532.0
126	9.8	24446.0	-6514.5	216	10.1	41158.0	-6506.0	306	9.8	50630.0	-6550.5	396	9.7	60636.0	-6547.0
127	9.9	24506.0	-6530.5	217	8.7	41210.0	-6556.0	307	10.0	50631.0	-6542.5	397	9.5	60730.0	-6515.5
128	9.8	24536.0	-6526.5	218	8.2	41321.0	-6516.5	308	8.3	50852.0	-6517.5	398	8.5	60839.0	-6504.0
129	8.7	24637.0	-6545.5	219	9.2	41537.0	-6527.5	309	8.0	50933.0	-6512.0	399	9.7	60909.0	-6539.0
130	10.0	24833.0	-6521.0	220	8.5	41558.0	-6556.0	310	9.3	50936.0	-6542.0	400	7.6	60947.0	-6517.0
131	10.0	24938.0	-6524.0	221	10.0	41615.0	-6529.5	311	7.1	51134.0	-6519.5	401	8.5	60953.0	-6552.5
132	6.8	25045.0	-6538.0	222	9.9	41630.0	-6523.5	312	10.0	51246.0	-6507.0	402	9.5	61015.0	-6539.5
133	10.0	25140.0	-6528.0	223	10.0	41649.0	-6509.0	313	7.8	51258.0	-6522.5	403	9.3	61040.0	-6522.5
134	7.3	25143.0	-6525.5	224	8.9	41711.0	-6516.5	314	20.0	51313.0	-6536.0	404	5.5	61058.0	-6533.5
135	9.9	25405.0	-6540.5	225	8.7	41828.0	-6524.0	315	10.0	51653.0	-6543.9	405	10.0	61115.0	-6555.5
136	9.9	25428.0	-6538.5	226	10.0	41901.0	-6506.0	316	10.0	51701.0	-6523.0	406	10.0	61127.0	-6501.0
137	10.0	25521.0	-6536.5	227	9.9	42130.0	-6540.0	317	10.0	51723.0	-6514.0	407	8.2	61137.0	-6531.0
138	9.5	25526.0	-6525.5	228	10.2	42139.0	-6539.0	318	9.5	51753.0	-6539.5	408	7.5	61155.0	-6530.0
139	9.5	25647.0	-6543.0	229	10.0	42157.0	-6519.5	319	9.2	51931.0	-6543.0	409	8.4	61157.0	-6530.0
140	9.0	25845.0	-6538.0	230	9.3	42427.0	-6550.0	320	9.2	52046.0	-6555.0	410	10.1	61202.0	-6544.0
141	9.8	30029.0	-6544.0	231	9.9	42428.0	-6502.5	321	10.1	52124.0	-6559.0	411	10.2	61216.0	-6544.0
142	8.5	30136.0	-6519.0	232	9.8	42430.0	-6515.1	322	10.0	52125.0	-6552.0	412	9.7	61244.0	-6547.0
143	8.3	30214.0	-6539.0	233	10.0	42433.0	-6551.0	323	9.8	52126.0	-6546.0	413	9.9	61310.0	-6525.5
144	9.4	30217.0	-6501.5	234	8.3	42539.0	-6555.5	324	9.4	52329.0	-6516.5	414	9.3	61340.0	-6529.0
145	9.5	30230.0	-6504.5	235	9.5	42543.0	-6551.5	325	10.3	52342.0	-6508.5	415	9.5	61351.0	-6542.0
146	10.0	30243.0	-6531.0	236	9.9	42602.0	-6546.5	326	9.9	52441.0	-6538.0	416	9.9	61534.0	-6530.0
147	7.8	30248.0	-6540.0	237	10.1	42716.0	-6508.0	327	10.1	52449.0	-6555.0	417	10.0	61715.0	-6547.0
148	9.4	30414.0	-6533.0	238	8.3	42740.0	-6559.5	328	9.8	52523.0	-6505.0	418	9.7	61826.0	-6503.5
149	9.5	30417.0	-6550.5	239	9.3	42744.0	-6559.0	329	8.3	52538.0	-6551.0	419	8.5	61915.0	-6559.5
150	8.5	30508.0	-6555.5	240	8.4	42802.0	-6510.0	330	10.0	52631.0	-6507.0	420	9.4	61941.0	-6516.5
151	6.9	30645.0	-6502.5	241	8.0	42850.0	-6539.0	331	10.0	52820.0	-6500.5	421	10.0	62156.0	-6541.0
152	10.0	30715.0	-6528.0	242	10.0	43104.0	-6518.5	332	6.8	52824.0	-6533.0	422	9.9	62301.0	-6530.0
153	8.3	30724.0	-6520.0	243	9.2	43115.0	-6522.5	333	8.5	52844.0	-6506.0	423	10.0	62305.0	-6537.5
154	8.4	30840.0	-6526.0	244	9.1	43135.0	-6507.0	334	10.0	52927.0	-6555.5	424	7.8	62402.0	-6536.5
155	9.5	31028.0	-6535.0	245	9.5	43144.0	-6519.5	335	9.2	53040.0	-6533.5	425	10.0	62403.0	-6557.0
156	9.0	31045.0	-6550.0	246	8.7	43146.0	-6515.5	336	10.5	53043.0	-6513.0	426	8.3	62436.0	-6526.5
157	9.8	31143.0	-6519.5	247	9.3	43148.0	-6550.0	337	9.6	53220.0	-6554.5	427	8.6	62438.0	-6542.5
158	9.9	31253.0	-6530.0	248	8.5	43202.0	-6530.5	338	10.0	53231.0	-6545.5	428	10.0	62514.0	-6546.5
159	9.8	31543.0	-6501.0	249	9.4	43340.0	-6504.0	339	8.5	53246.0	-6506.0	429	10.0	62558.0	-6504.0
160	10.0	31653.0	-6511.0	250	10.1	43505.0	-6559.0	340	9.7	53530.0	-6502.5	430	9.5	62618.0	-6542.0
161	9.5	31844.0	-6541.5	251	10.1	43550.0	-6540.5	341	9.8	53559.0	-6515.0	431	9.6	62653.0	-6536.5
162	10.0	32047.0	-6533.0	252	10.2	43714.0	-6529.0	342	9.5	53611.0	-6503.5	432	9.8	62730.0	-6537.5
163	9.8	32158.0	-6557.0	253	9.6	43731.0	-6542.0	343	9.9	53816.0	-6530.0	433	10.0	62810.0	-6548.0
164	8.2	32327.0	-6526.5	254	9.2	43748.0	-6520.5	344	9.9	53849.0	-6519.0	434	8.5	62836.0	-6533.5
165	10.0	32521.0	-6532.5	255	9.8	43756.0	-6557.0	345	9.5	53921.0	-6527.5	435	10.0	62843.0	-6519.5
166	8.9	32537.0	-6505.0	256	9.0	43836.0	-6531.0	346	9.5	54107.0	-6530.5	436	6.6	62942.0	-6528.5
167	9.5	32547.0	-6526.5	257	8.5	43909.0	-6554.5	347	8.9	54213.0	-6511.5	437	7.8	63011.0	-6556.0
168	10.0	32735.0	-6534.0	258	10.0	43940.0	-6550.5	348	9.2	54309.0	-6546.5	438	9.9	63109.0	-6518.0
169	9.4	32824.0	-6555.0	259	9.8	44003.0	-6511.0	349	9.5	54340.0	-6532.5	439	7.7	63146.0	-6513.5
170	10.0	32850.0	-6545.0	260	9.0	44033.0	-6533.0	350	9.6	54346.0	-6509.0	440	9.5	63150.0	-6547.0
171	8.6	32906.0	-6524.5	261	9.7	44044.0	-6518.0	351	4.5	54435.0	-6547.0	441	7.9	63156.0	-6516.5
172	8.2	32917.0	-6535.5	262	8.6	44115.0	-6545.0	352	10.1	54443.0	-6522.0	442	9.9	63202.2	-6550.0
173	8.5	32928.0	-6504.5	263	9.9	44149.0	-6508.0	353	10.0	54444.0	-6533.0	443	8.8	63357.0	-6559.5
174	10.0	33045.0	-6535.5	264	9.6	44153.0	-6507.0	354	10.2	54508.0	-6506.5	444	10.0	63442.0	-6547.5
175	7.2	33046.0	-6550.0	265	9.5	44156.0	-6515.0	355	9.9	54515.0	-6511.0	445	10.1	63749.0	-6518.5
176	7.8	33254.0	-6507.5	266	9.8	44200.0	-6518.0	356	9.5	54621.0	-6532.0	446	9.8	63807.0	-6549.0
177	10.0	33305.0	-6536.5	267	8.9	44324.0	-6544.0	357	9.7	54645.0	-6530.0	447	7.8	63812.0	-6558.5
178	8.4	33406.0	-6529.5	268	9.1	44407.0	-6512.5	358	10.0	54745.0	-6504.0	448	10.0	63835.0	-6552.0
179	10.0	33718.0	-6517.5	269	9.5	44436.0	-6502.0	359	7.6	54812.0	-6512.5	449	8.1	63914.0	-6509.5
180	10.0	33840.0	-6552.0	270	9.9	44513.0	-6507.5	360	10.0	54836.0	-6554.0	450	10.0	63945.0	-6531.0
181	8.5	33900.0	-6541.0	271	9.5	44603.0	-6540.0	361	10.0	54838.0	-6554.5	451	9.5	63954.0	-6549.0
182	10.0	34018.0	-6519.0	272	10.2	44624.0	-6514.5	362	8.0	55019.0	-6517.5	452	10.0	64000.0	-6557.0
183	3.9	34240.0	-6512.0	273	10.1	44721.0	-6548.0	363	10.1	55055.0	-6552.5	453	9.5	64104.0	-6551.5
184	9.9	34434.0	-6536.0	274	10.1	44736.0	-6541.0	364	10.0	55058.0	-6556.5	454	7.4	64106.0	-6520.5

-65 455 6h41m

-65 814 9h45m

455	9.9	64151.0	-6500.5	545	9.7	72912.0	-6522.0	635	10.0	81750.0	-6546.0
456	9.3	64153.0	-6558.5	546	8.5	73034.0	-6521.0	636	9.8	81936.0	-6514.5
457	8.7	64204.0	-6537.0	547	9.5	73107.0	-6541.0	637	10.0	81953.0	-6556.0
458	9.3	64408.0	-6526.0	548	10.0	73109.0	-6508.0	638	9.4	82022.0	-6516.5
459	10.0	64415.0	-6559.5	549	9.8	73128.0	-6532.0	639	9.7	82043.0	-6504.5
460	9.5	64650.0	-6526.0	550	9.7	73331.0	-6525.0	640	9.7	82045.0	-6532.0
461	9.8	64709.0	-6535.5	551	10.0	73338.0	-6554.0	641	8.3	82048.0	-6507.5
462	9.8	64810.0	-6554.5	552	9.8	73345.0	-6512.0	642	8.7	82102.0	-6542.0
463	10.0	64843.0	-6558.5	553	9.4	73402.0	-6518.0	643	10.0	82123.0	-6538.0
464	9.8	64903.0	-6502.0	554	10.0	73521.0	-6557.5	644	10.0	82218.0	-6524.5
465	10.0	65100.0	-6535.0	555	9.3	73624.0	-6520.5	645	10.0	82316.0	-6525.5
466	8.7	65124.0	-6528.0	556	9.9	73636.0	-6533.5	646	9.8	82324.0	-6510.0
467	9.2	65149.0	-6506.5	557	7.8	73650.0	-6538.5	647	10.0	82421.0	-6552.0
468	10.0	65154.0	-6516.0	558	9.3	73718.0	-6510.5	648	3.9	82423.0	-6543.0
469	9.2	65226.0	-6516.5	559	10.0	73913.0	-6551.5	649	10.2	82440.0	-6524.0
470	9.1	65255.0	-6542.0	560	10.0	73919.0	-6539.0	650	10.2	82441.0	-6511.0
471	8.6	65323.0	-6545.0	561	10.0	73920.0	-6509.5	651	10.0	82450.0	-6533.0
472	9.8	65432.0	-6511.0	562	9.8	74002.0	-6530.0	652	9.8	82500.0	-6549.5
473	8.5	65511.0	-6547.0	563	10.0	74046.0	-6505.0	653	10.0	82513.0	-6505.5
474	9.9	65537.0	-6536.0	564	8.5	74055.0	-6529.5	654	9.8	82521.0	-6535.0
475	10.0	65602.0	-6541.5	565	8.9	74104.0	-6513.5	655	9.7	82525.0	-6535.3
476	10.0	65631.0	-6532.5	566	10.0	74157.0	-6553.0	656	10.0	82553.0	-6502.5
477	10.1	65650.0	-6551.5	567	9.3	74358.0	-6510.5	657	9.7	82605.0	-6541.5
478	9.6	65832.0	-6502.0	568	6.8	74358.0	-6546.5	658	10.0	82610.0	-6552.0
479	8.7	65929.0	-6541.0	569	9.6	74407.0	-6507.0	659	10.0	82614.0	-6520.0
480	9.9	65934.0	-6504.0	570	9.7	74429.0	-6549.0	660	10.2	82703.0	-6526.0
481	10.0	65955.0	-6554.0	571	9.5	74439.0	-6525.0	661	9.9	82841.0	-6539.0
482	8.5	70002.0	-6544.0	572	10.0	74537.0	-6540.0	662	9.8	82904.0	-6511.0
483	7.6	70038.0	-6531.5	573	10.0	74541.0	-6526.0	663	9.9	82915.0	-6558.0
484	9.7	70101.0	-6558.5	574	10.0	74620.0	-6510.5	664	9.2	82933.0	-6515.0
485	9.2	70137.0	-6522.0	575	9.0	74829.0	-6530.5	665	7.5	82943.0	-6506.0
486	9.4	70214.0	-6524.0	576	9.7	74830.0	-6550.5	666	8.9	82955.0	-6517.0
487	9.8	70330.0	-6531.0	577	6.2	74849.0	-6552.5	667	9.3	83024.0	-6519.5
488	10.0	70339.0	-6508.0	578	10.0	74913.0	-6502.0	668	9.0	83032.0	-6514.5
489	9.8	70401.0	-6519.5	579	9.6	74950.0	-6534.0	669	8.7	83059.0	-6539.0
490	10.0	70417.0	-6551.5	580	10.0	75129.0	-6522.0	670	9.9	83125.0	-6520.0
491	9.6	70527.0	-6508.0	581	10.0	75139.0	-6520.5	671	9.9	83200.0	-6556.0
492	10.0	70626.0	-6500.5	582	10.0	75145.0	-6504.0	672	10.0	83307.0	-6559.0
493	10.0	70652.0	-6551.5	583	9.8	75210.0	-6529.0	673	10.0	83310.0	-6535.5
494	9.8	70705.0	-6520.0	584	9.9	75217.0	-6548.0	674	8.5	83407.0	-6555.5
495	10.0	70710.0	-6530.0	585	10.0	75315.0	-6506.5	675	9.8	83443.0	-6507.0
496	10.0	70716.0	-6506.0	586	9.4	75353.0	-6553.5	676	10.0	83450.0	-6532.0
497	10.0	70842.0	-6550.0	587	10.0	75519.0	-6501.0	677	9.4	83504.0	-6510.0
498	10.0	70918.0	-6546.0	588	9.7	75521.0	-6529.0	678	9.5	83724.0	-6546.0
499	9.9	70930.0	-6547.0	589	8.8	75535.0	-6516.5	679	9.8	83811.0	-6537.0
500	9.2	70955.0	-6523.5	590	9.5	75635.0	-6530.0	680	10.2	83843.0	-6529.0
501	10.0	70956.0	-6529.5	591	7.3	75642.0	-6534.0	681	9.2	83858.0	-6514.0
502	9.4	71021.0	-6533.5	592	10.0	75709.0	-6541.0	682	9.9	83908.0	-6545.0
503	10.0	71105.0	-6518.5	593	9.8	75803.0	-6535.0	683	9.6	83914.0	-6558.0
504	10.0	71157.0	-6520.5	594	9.8	75822.0	-6538.0	684	10.0	83916.0	-6521.5
505	9.8	71230.0	-6511.0	595	8.9	75824.0	-6549.0	685	9.7	83916.0	-6539.0
506	9.5	71252.0	-6514.0	596	9.2	75828.0	-6505.5	686	9.6	83935.0	-6520.5
507	9.7	71343.0	-6553.0	597	10.2	80012.0	-6554.0	687	9.2	83947.0	-6549.0
508	10.1	71405.0	-6505.5	598	9.0	80125.0	-6514.0	688	10.0	83956.0	-6550.0
509	10.0	71424.0	-6532.0	599	7.5	80131.0	-6540.0	689	8.5	84048.0	-6526.5
510	10.0	71429.0	-6555.0	600	10.0	80143.0	-6523.0	690	10.2	84208.0	-6510.0
511	9.5	71517.0	-6558.0	601	9.8	80144.0	-6529.0	691	10.0	84230.0	-6532.0
512	9.8	71520.0	-6558.0	602	8.5	80155.0	-6551.5	692	6.5	84245.0	-6522.5
513	9.8	71615.0	-6509.5	603	8.6	80248.0	-6559.5	693	8.3	84253.0	-6514.5
514	10.1	71625.0	-6514.0	604	9.9	80447.0	-6510.0	694	8.7	84343.0	-6540.0
515	10.1	71634.0	-6516.0	605	9.8	80457.0	-6527.0	695	10.0	84352.0	-6533.0
516	9.8	71647.0	-6551.0	606	9.5	80457.0	-6543.0	696	10.1	84400.0	-6513.5
517	9.7	71654.0	-6520.0	607	9.8	80536.0	-6517.0	697	9.5	84412.0	-6555.0
518	10.0	71700.0	-6511.0	608	10.0	80605.0	-6526.0	698	10.0	84433.0	-6549.0
519	10.0	71714.0	-6505.0	609	7.7	80627.0	-6537.0	699	10.2	84440.0	-6537.0
520	9.7	71742.0	-6525.0	610	10.0	80630.0	-6531.5	700	10.2	84456.0	-6539.5
521	9.6	71813.0	-6547.5	611	10.0	80822.0	-6525.5	701	10.2	84500.0	-6534.5
522	9.5	71817.0	-6536.5	612	9.6	80832.0	-6507.0	702	10.2	84601.0	-6534.5
523	10.0	71833.0	-6545.5	613	10.0	80841.0	-6535.0	703	9.3	84720.0	-6505.5
524	9.7	71950.0	-6550.0	614	10.0	80911.0	-6538.0	704	9.6	84740.0	-6526.0
525	10.0	72001.0	-6525.0	615	10.0	80917.0	-6529.0	705	9.5	84744.0	-6538.0
526	8.7	72053.0	-6525.0	616	9.5	80926.0	-6539.0	706	9.7	84815.0	-6554.0
527	10.0	72126.0	-6509.0	617	9.9	81035.0	-6501.5	707	10.1	84821.0	-6559.0
528	10.0	72127.0	-6549.5	618	10.0	81040.0	-6541.0	708	9.5	84856.0	-6518.5
529	8.1	72224.0	-6513.5	619	9.8	81043.0	-6551.0	709	9.9	84902.0	-6509.0
530	9.8	72301.0	-6559.5	620	9.7	81110.0	-6510.0	710	10.2	84916.0	-6537.0
531	10.0	72305.0	-6543.5	621	9.9	81143.0	-6521.0	711	10.0	84930.0	-6549.5
532	10.0	72343.0	-6555.0	622	9.6	81146.0	-6500.5	712	9.0	84955.0	-6515.5
533	9.5	72444.0	-6541.0	623	9.4	81258.0	-6538.5	713	9.8	85206.0	-6521.5
534	9.2	72503.0	-6504.0	624	8.1	81258.0	-6532.0	714	9.9	85210.0	-6537.0
535	9.5	72509.0	-6518.0	625	9.6	81303.0	-6553.0	715	9.8	85248.0	-6559.5
536	10.0	72538.0	-6519.0	626	9.5	81333.0	-6553.0	716	10.0	85256.0	-6555.0
537	9.8	72600.0	-6559.5	627	10.2	81542.0	-6527.5	717	10.1	85425.0	-6535.0
538	8.4	72614.0	-6520.5	628	10.2	81543.0	-6556.5	718	7.4	85528.0	-6543.5
539	9.2	72650.0	-6559.5	629	9.2	81553.0	-6516.0	719	10.1	85653.0	-6532.5
540	9.5	72659.0	-6535.5	630	10.0	81556.0	-6539.0	720	10.2	85814.0	-6503.0
541	10.0	72712.0	-6548.0	631	9.2	81627.0	-6513.0	721	8.8	85827.0	-6551.5
542	10.0	72746.0	-6550.0	632	5.7	81657.0	-6513.5	722	9.0	85959.0	-6559.5
543	10.0	72800.0	-6531.0	633	10.0	81701.0	-6524.0	723	10.2	90021.0	-6517.5
544	10.0	72827.0	-6543.0	634	10.0	81710.0	-6523.5	724	4.2	90030.0	-6554.0
725	9.6	90031.0	-6522.0
726	9.5	90059.0	-6536.5
727	10.0	90108.0	-6530.0
728	9.8	90142.0	-6524.5
729	10.0	90217.0	-6559.0
730	9.2	90221.0	-6558.0
731	10.0	90231.0	-6521.0
732	10.0	90321.0	-6521.5
733	10.0	90412.0	-6503.0
734	10.2	90415.0	-6522.0
735	9.2	90442.0	-6540.5
736	8.7	90449.0	-6539.5
737	9.8	90515.0	-6553.0
738	9.8	90516.0	-6514.0
739	9.7	90540.0	-6545.0
740	10.0	90632.0	-6508.0
741	9.7	90652.0	-6520.0
742	9.7	90839.0	-6528.0
743	9.0	90909.0	-6519.5
744	9.5	90941.0	-6540.5
745	9.5	90950.0	-6524.0
746	10.0	91019.0	-6554.5
747	8.3	91023.0	-6512.5
748	9.8	91147.0	-6551.0
749	9.2	91157.0	-6539.0
750	9.6	91204.0	-6553.0
751	8.8	91210.0	-6521.0
752	8.5	91230.0	-6535.0
753	10.0	91254.0	-6535.3
754	9.9	91258.0	-6543.0
755	10.0	91306.0	-6542.0
756	9.5	91439.0	-6515.0
757	9.4	91506.0	-6559.0
758	9.3	91543.0	-6538.0
759	9.7	91605.0	-6550.0
760	9.5	91630.0	-6506.5
761	9.5	91806.0	-6542.5
762	7.8	91812.0	-6557.5
763	9.8	91845.0	-6541.0
764	9.7	91911.0	-6510.5
765	9.9	91956.0	-6540.5
766	10.1	91957.0	-6553.0
767	9.6	92036.0	-6540.0
768	9.2	92331.0	-6533.0
769	10.0	92407.0	-6546.0
770	10.0	92420.0	-6531.0
771	9.8	92435.0	-6543.5
772	9.2	92525.0	-6533.0
773	9.8	92646.0	-6517.0
774	9.0	92805.0	-6538.0
775	9.0	92824.0	-6529.0
776	9.5	92927.0	-6559.0
777	9.4	93012.0	-6545.5
778	7.8	93150.0	-6533.5
779	9.6	93201.0	-6511.0
780	10.0	93209.0	-6505.5
781	9.5	93350.0	-6551.0
782	9.8	93354.0	-6503.0
783	9.8	93402.0	-6505.0
784	8.2	93415.0	-6550.5
785	9.0	93514.0	-6553.5
786	9.6	93529.0	-6540.5
787	10.0	93717.0	-6544.5
788	9.9	93750.0	-6530.0
789	9.8	93806.0	-6524.0
790	7.3	93819.0	-6531.0
791	8.5	93822.0	-6559.5
792	9.5	93823.0	-6517.5
793	9.9	93904.0	-6551.0
794	10.1	93939.0	-6558.0
795	10.0	93949.0	-6549.0
796	10.0	94000.0	-6534.0
797	9.5	94015.0	-6538.0
798	9.5	94019.0	-6524.5
799	10.0	94025.0	-6529.5
800	9.8	94027.0	-6538.0
801	10.0	94143.0	-6520.0
802	9.9	94201.0	-6554.0
803	9.5	94221.0	-6540.0
804	9.5	94222.0	-6537.0
805	8.9	94235.0	-6532.0
806	9.2	94249.0	-6539.0
807	10.0	94319.0	-6509.0
808	9.8	94326.0	-6554.5
809	8.8	94340.0	-6558.5
810	10.0	94419.0	-6552.5
811	9.9	94426.0	-6533.0
812	9.6	94435.0	-6536.0
813	10.0	94455.0	-6547.0
814	10.1	94508.0	-6503.0

815	10.0	94516.0	-6546.0	905	8.0	101332.0	-6558.0	995	10.0	104136.0	-6529.5	1085	8.2	111817.0	-6509.0
816	9.5	94530.0	-6536.0	906	10.0	101344.0	-6534.0	996	10.0	104231.0	-6533.0	1086	10.0	111820.0	-6540.5
817	9.9	94604.0	-6505.0	907	10.0	101403.0	-6545.0	997	10.0	104244.0	-6552.0	1087	9.5	112011.0	-6551.0
818	9.2	94630.0	-6534.0	908	8.5	101408.0	-6533.0	998	8.0	104258.0	-6516.0	1088	10.0	112123.0	-6534.0
819	9.9	94708.0	-6530.0	909	8.9	101425.0	-6528.0	999	9.2	104310.0	-6516.0	1089	10.0	112213.0	-6524.0
820	9.9	94713.0	-6516.0	910	10.0	101434.0	-6518.0	1000	9.8	104316.0	-6553.0	1090	9.9	112221.0	-6551.0
821	8.7	94718.0	-6531.5	911	10.0	101526.0	-6548.0	1001	10.0	104330.0	-6556.0	1091	8.0	112234.0	-6530.0
822	10.0	94720.0	-6512.0	912	9.8	101542.0	-6516.0	1002	9.6	104401.0	-6544.0	1092	9.9	112250.0	-6543.0
823	10.1	94757.0	-6520.0	913	10.0	101550.0	-6517.0	1003	10.0	104420.0	-6521.5	1093	8.0	112258.0	-6548.0
824	10.0	94801.0	-6522.0	914	10.0	101556.0	-6518.0	1004	9.9	104554.0	-6548.0	1094	10.0	112313.0	-6506.0
825	10.0	95002.0	-6526.5	915	8.2	101636.0	-6526.0	1005	9.5	104608.0	-6540.0	1095	10.0	112324.0	-6537.0
826	9.9	95022.0	-6513.5	916	9.9	101729.0	-6530.0	1006	9.9	104610.0	-6550.0	1096	9.7	112347.0	-6526.0
827	10.1	95034.0	-6538.0	917	10.0	101743.0	-6528.5	1007	10.0	104616.0	-6500.5	1097	10.0	112358.0	-6542.0
828	10.0	95202.0	-6513.0	918	9.9	101748.0	-6501.0	1008	10.0	104626.0	-6539.5	1098	10.1	112405.0	-6540.0
829	10.0	95302.0	-6549.5	919	10.0	101751.0	-6557.0	1009	9.6	104630.0	-6544.0	1099	10.0	112436.0	-6553.0
830	10.1	95305.0	-6523.0	920	8.6	101756.0	-6529.0	1010	10.0	104635.0	-6533.0	1100	10.1	112440.0	-6544.0
831	10.1	95334.0	-6522.0	921	8.1	101822.0	-6503.5	1011	10.0	104723.0	-6540.0	1101	8.7	112539.0	-6503.0
832	10.0	95413.0	-6537.0	922	9.8	101850.0	-6543.0	1012	10.0	104820.0	-6515.0	1102	9.4	112610.0	-6543.0
833	10.0	95420.0	-6556.0	923	10.0	101917.0	-6551.0	1013	10.0	104828.0	-6541.0	1103	10.0	112618.0	-6526.0
834	10.0	95426.0	-6503.0	924	9.9	101938.0	-6546.0	1014	9.9	104945.0	-6544.0	1104	10.0	112622.0	-6524.0
835	10.0	95428.0	-6524.0	925	9.9	102010.0	-6509.0	1015	10.0	104954.0	-6543.5	1105	10.1	112650.0	-6557.5
836	10.0	95431.0	-6510.0	926	10.0	102109.0	-6519.5	1016	10.1	105020.0	-6536.5	1106	8.0	112704.0	-6510.5
837	9.1	95451.0	-6558.0	927	10.1	102123.0	-6556.0	1017	10.0	105038.0	-6513.5	1107	10.1	112757.0	-6521.0
838	9.9	95456.0	-6542.0	928	10.1	102139.0	-6555.5	1018	10.1	105056.0	-6549.0	1108	9.6	112758.0	-6534.5
839	8.9	95459.0	-6519.5	929	9.9	102203.0	-6553.5	1019	9.3	105118.0	-6520.0	1109	9.9	112812.0	-6528.0
840	10.1	95502.0	-6501.5	930	10.1	102210.0	-6541.5	1020	9.2	105138.0	-6528.0	1110	10.2	112814.0	-6533.0
841	10.0	95515.0	-6541.0	931	9.4	102238.0	-6532.0	1021	9.4	105146.0	-6546.5	1111	9.7	112824.0	-6527.0
842	9.9	95522.0	-6530.0	932	9.5	102240.0	-6553.0	1022	10.0	105155.0	-6538.0	1112	10.1	112831.0	-6526.0
843	8.0	95552.0	-6523.0	933	9.0	102244.0	-6508.5	1023	9.6	105156.0	-6530.0	1113	10.0	112835.0	-6546.5
844	10.0	95558.0	-6505.0	934	9.8	102254.0	-6523.5	1024	9.9	105220.0	-6519.0	1114	10.1	112929.0	-6531.0
845	10.0	95602.0	-6508.0	935	10.0	102259.0	-6540.0	1025	10.0	105225.0	-6520.0	1115	10.1	112931.0	-6530.0
846	9.0	95616.0	-6545.0	936	9.5	102305.0	-6532.0	1026	9.5	105338.0	-6517.5	1116	9.5	113018.0	-6532.0
847	8.7	95635.0	-6525.5	937	10.0	102309.0	-6503.0	1027	10.2	105421.0	-6523.5	1117	8.8	113020.0	-6524.5
848	8.5	95650.0	-6540.5	938	9.5	102313.0	-6503.5	1028	9.4	105443.0	-6559.0	1118	9.9	113020.0	-6547.0
849	10.0	95657.0	-6541.5	939	6.6	102330.0	-6504.0	1029	8.5	105537.0	-6553.0	1119	10.2	113035.0	-6540.0
850	9.0	95706.0	-6550.0	940	9.9	102334.0	-6546.0	1030	10.0	105548.0	-6513.0	1120	9.5	113100.0	-6530.5
851	9.5	95706.0	-6543.5	941	10.0	102353.0	-6523.0	1031	8.6	105549.0	-6505.0	1121	9.8	113107.0	-6531.5
852	9.9	95740.0	-6525.5	942	9.0	102424.0	-6503.5	1032	7.8	105554.0	-6521.5	1122	10.2	113119.0	-6514.0
853	10.0	95826.0	-6524.5	943	9.3	102510.0	-6528.0	1033	9.1	105608.0	-6510.5	1123	9.8	113127.0	-6507.0
854	9.5	95834.0	-6513.5	944	8.8	102528.0	-6514.0	1034	8.0	105709.0	-6520.5	1124	10.0	113128.0	-6547.0
855	7.4	95857.0	-6519.5	945	9.8	102533.0	-6514.5	1035	9.0	105718.0	-6555.5	1125	9.9	113136.0	-6514.0
856	10.0	95909.0	-6509.0	946	9.7	102535.0	-6539.0	1036	9.7	105738.0	-6555.0	1126	9.8	113205.0	-6505.0
857	9.8	95915.0	-6555.0	947	8.5	102537.0	-6549.0	1037	9.9	105758.0	-6536.0	1127	10.2	113309.0	-6544.0
858	9.6	95935.0	-6517.0	948	9.9	102614.0	-6553.0	1038	9.0	105800.0	-6530.5	1128	9.8	113320.0	-6518.5
859	8.7	95946.0	-6505.0	949	10.0	102624.0	-6502.0	1039	10.0	105833.0	-6546.0	1129	10.0	113359.0	-6505.0
860	10.0	95955.0	-6558.0	950	10.0	102638.0	-6510.0	1040	9.2	105845.0	-6519.5	1130	8.9	113609.0	-6552.5
861	9.5	100051.0	-6515.5	951	9.4	102647.0	-6544.5	1041	9.0	105906.0	-6551.5	1131	10.2	113641.0	-6556.0
862	9.2	100056.0	-6558.0	952	10.0	102649.0	-6559.0	1042	9.5	105926.0	-6521.0	1132	9.2	113645.0	-6531.5
863	9.9	100150.0	-6557.0	953	10.1	102730.0	-6537.5	1043	10.1	110008.0	-6534.0	1133	9.5	113647.0	-6529.5
864	9.5	100204.0	-6510.5	954	10.0	102738.0	-6552.0	1044	10.1	110041.0	-6541.0	1134	10.0	113652.0	-6535.0
865	8.7	100204.0	-6532.5	955	8.5	102740.0	-6548.5	1045	10.0	110122.0	-6552.0	1135	8.5	113729.0	-6534.0
866	10.0	100208.0	-6528.5	956	8.2	102810.0	-6555.5	1046	9.9	110123.0	-6503.0	1136	10.2	113751.0	-6552.0
867	10.0	100210.0	-6521.5	957	9.4	102813.0	-6508.0	1047	9.9	110145.0	-6505.0	1137	9.5	113912.0	-6548.0
868	10.0	100242.0	-6524.5	958	9.4	102817.0	-6552.0	1048	9.3	110147.0	-6520.0	1138	10.2	113916.0	-6500.5
869	10.0	100306.0	-6555.5	959	10.1	102820.0	-6511.0	1049	9.8	110236.0	-6508.0	1139	8.4	113923.0	-6518.0
870	10.0	100323.0	-6541.5	960	10.0	102833.0	-6531.0	1050	10.0	110244.0	-6552.0	1140	10.2	113930.0	-6524.0
871	9.2	100338.0	-6542.0	961	9.0	102836.0	-6532.0	1051	10.0	110258.0	-6528.6	1141	9.9	114020.0	-6507.0
872	9.4	100410.0	-6554.0	962	10.0	102930.0	-6539.0	1052	9.2	110310.0	-6505.0	1142	9.5	114038.0	-6558.0
873	10.0	100432.0	-6542.0	963	9.9	102933.0	-6555.0	1053	10.0	110321.0	-6521.5	1143	10.0	114100.0	-6503.5
874	5.7	100515.0	-6512.5	964	9.9	103038.0	-6506.0	1054	9.4	110348.0	-6517.5	1144	10.2	114113.0	-6518.0
875	9.3	100539.0	-6511.5	965	9.2	103043.0	-6510.5	1055	8.6	110430.0	-6527.5	1145	10.2	114119.0	-6543.5
876	10.0	100543.0	-6543.0	966	10.0	103055.0	-6525.0	1056	10.1	110452.0	-6511.0	1146	8.2	114134.0	-6519.0
877	9.5	100557.0	-6554.0	967	9.8	103056.0	-6529.0	1057	9.8	110501.0	-6501.0	1147	10.0	114153.0	-6534.0
878	10.0	100601.0	-6539.5	968	10.0	103100.0	-6538.5	1058	10.0	110552.0	-6535.0	1148	8.5	114207.0	-6525.5
879	10.1	100624.0	-6555.0	969	10.1	103158.0	-6515.5	1059	9.5	110603.0	-6550.0	1149	10.2	114221.0	-6538.0
880	10.0	100630.0	-6548.0	970	9.8	103200.0	-6503.0	1060	9.9	110621.0	-6547.0	1150	10.2	114223.0	-6534.5
881	10.0	100634.0	-6544.0	971	10.0	103210.0	-6524.0	1061	9.7	110623.0	-6540.5	1151	10.2	114318.0	-6519.0
882	8.0	100636.0	-6559.0	972	9.9	103214.0	-6509.0	1062	9.3	110631.0	-6546.0	1152	10.0	114321.0	-6541.5
883	10.0	100642.0	-6531.0	973	9.2	103230.0	-6557.0	1063	9.6	110712.0	-6555.5	1153	10.0	114333.0	-6523.0
884	8.5	100712.0	-6523.0	974	9.5	103332.0	-6536.0	1064	10.0	110718.0	-6559.5	1154	9.9	114348.0	-6536.0
885	10.0	100729.0	-6526.0	975	9.5	103521.0	-6550.0	1065	10.1	110721.0	-6541.5	1155	9.2	114349.0	-6533.0
886	8.2	100837.0	-6534.0	976	9.5	103532.0	-6557.0	1066	10.0	110730.0	-6503.0	1156	10.0	114412.0	-6501.0
887	10.0	100844.0	-6551.0	977	9.8	103538.0	-6523.5	1067	8.4	110910.0	-6512.5	1157	9.8	114437.0	-6537.0
888	8.0	100854.0	-6540.0	978	9.2	103556.0	-6529.5	1068	9.0	110924.0	-6535.0	1158	9.7	114448.0	-6503.0
889	10.0	100910.0	-6522.0	979	10.1	103618.0	-6516.5	1069	9.8	110928.0	-6528.0	1159	9.9	114455.0	-6528.0
890	10.0	100921.0	-6539.0	980	10.0	103630.0	-6521.5	1070	9.7	111008.0	-6524.5	1160	9.5	114513.0	-6506.0
891	10.1	100941.0	-6549.0	981	8.5	103648.0	-6526.5	1071	7.3	111017.0	-6550.0	1161	9.5	114517.0	-6505.5
892	10.1	100953.0	-6500.0	982	9.5	103718.0	-6513.0	1072	10.0	111038.0	-6548.0	1162	10.2	114710.0	-6559.5
893	5.7	100959.0	-6545.0	983	10.0	103725.0	-6528.0	1073	9.3	111052.0	-6508.5	1163	10.0	114712.0	-6515.5
894	10.0	101005.0	-6549.0	984	10.1	103742.0	-6512.0	1074	10.0	111128.0	-6545.0	1164	10.0	114732.0	-6527.0
895	7.9	101011.0	-6505.0	985	10.0	103747.0	-6524.0	1075	10.0	111131.0	-6539.0	1165	10.0	114754.0	-6517.0
896	10.1	101020.0	-6540.5	986	9.5	103818.0	-6544.0	1076	10.0	111154.0	-6542.0	1166	10.0	114757.0	-6530.5
897	10.0	101039.0	-6510.0	987	9.9	103845.0	-6509.0	1077	10.1	111314.0	-6546.0	1167	10.2	114812.0	-6556.0
898	9.6	101102.0	-6509.0	988	9.9	103852.0	-6508.0	1078	8.5	111427.0	-6521.0	1168	10.2	114821.0	-6517.0
899	9.4	101120.0	-6511.0	989	10.0	103900.0	-6529.0	1079	10.0	111520.0	-6515.0	1169	6.7	114835.0	-6540.5
900	10.0	101138.0	-6519.0	990	9.7	103918.0	-6505.5	1080	9.1	111549.0	-6517.0	1170	9.0	114843.0	-6544.0
901	9.2	101159.0	-6524.0	991	10.0	103937.0	-6533.0	1081	10.0	111642.0	-6544.0	1171	8.5	114904.0	-6542.0
902	9.8	101248.0	-6519.0	992	10.0	104016.0	-6545.0	1082	10.0	111701.0	-6503.0	1172	9.3	114926.0	-6514.0
903	10.0	101253.0	-6539.0	993	10.0	104025.0	-6526.5	1083	9.8	111710.0	-6526.0	1173	10.2	114928.0	-6541.5
904	9.2	101305.0	-6528.0	994	10.0	104134.0	-6531.5	1084	9.5	111731.0	-6550.0	1174	9.9	115020.0	-6545.5

-65 1175 11h50m

-65 1534 18h34m

1175	10.2	115023.0	-6543.0	1265	9.9	121843.0	-6515.0	1355	9.1	124403.0	-6510.0
1176	9.7	115056.0	-6559.0	1266	10.2	121853.0	-6526.5	1356	9.5	124419.0	-6521.5
1177	9.3	115102.0	-6554.0	1267	8.9	121900.0	-6501.5	1357	9.9	124440.0	-6530.5
1178	9.2	115112.0	-6507.0	1268	10.0	121925.0	-6548.5	1358	8.5	124446.0	-6540.0
1179	9.5	115134.0	-6527.0	1269	10.0	121954.0	-6528.0	1359	9.3	124503.0	-6530.0
1180	10.0	115138.0	-6551.0	1270	10.0	121958.0	-6528.0	1360	9.8	124506.0	-6526.0
1181	9.9	115138.0	-6538.0	1271	9.3	122001.0	-6508.0	1361	9.8	124700.0	-6516.5
1182	10.0	115150.0	-6502.0	1272	8.6	122011.0	-6519.5	1362	10.0	124702.0	-6546.0
1183	10.2	115251.0	-6536.0	1273	9.5	122016.0	-6533.5	1363	9.0	124710.0	-6509.0
1184	9.6	115259.0	-6517.5	1274	10.0	122021.0	-6536.5	1364	9.2	124714.0	-6559.5
1185	9.5	115352.0	-6533.0	1275	10.0	122023.0	-6545.0	1365	8.9	124715.0	-6521.0
1186	8.9	115353.0	-6523.0	1276	10.2	122030.0	-6515.0	1366	9.7	124720.0	-6555.0
1187	9.8	115400.0	-6512.0	1277	10.0	122145.0	-6532.0	1367	9.3	124722.0	-6542.0
1188	10.1	115434.0	-6527.0	1278	9.1	122234.0	-6554.5	1368	10.0	124758.0	-6541.5
1189	9.0	115526.0	-6534.5	1279	9.9	122308.0	-6504.0	1369	9.6	124827.0	-6507.0
1190	9.5	115528.0	-6546.5	1280	10.0	122326.0	-6540.0	1370	9.8	124827.0	-6556.0
1191	10.0	115603.0	-6513.5	1281	10.0	122403.0	-6550.5	1371	9.5	124832.0	-6553.0
1192	9.0	115630.0	-6514.0	1282	10.0	122414.0	-6555.0	1372	9.1	124836.0	-6500.0
1193	9.1	115639.0	-6531.0	1283	9.5	122415.0	-6552.0	1373	10.0	124836.0	-6523.0
1194	8.5	115640.0	-6501.0	1284	9.4	122417.0	-6542.0	1374	9.8	124902.0	-6548.0
1195	8.1	115647.0	-6508.0	1285	10.0	122436.0	-6543.0	1375	10.0	124921.0	-6549.0
1196	10.2	115720.0	-6554.0	1286	10.0	122458.0	-6544.5	1376	10.0	124955.0	-6558.0
1197	10.0	115725.0	-6515.5	1287	10.0	122501.0	-6538.5	1377	9.7	125025.0	-6552.0
1198	9.6	115829.0	-6514.0	1288	8.7	122538.0	-6541.5	1378	9.5	125059.0	-6537.0
1199	9.6	115852.0	-6527.5	1289	9.5	122540.0	-6532.0	1379	10.0	125102.0	-6504.0
1200	10.0	115927.0	-6542.0	1290	10.0	122550.0	-6500.5	1380	9.3	125125.0	-6528.5
1201	9.9	115948.0	-6544.0	1291	10.0	122600.0	-6532.0	1381	9.8	125201.0	-6519.0
1202	6.7	115956.0	-6501.0	1292	8.2	122623.0	-6525.0	1382	9.9	125215.0	-6539.0
1203	9.2	120009.0	-6514.0	1293	9.7	122627.0	-6500.5	1383	10.0	125216.0	-6557.0
1204	9.4	120043.0	-6515.0	1294	9.6	122723.0	-6516.5	1384	8.4	125258.0	-6548.5
1205	9.0	120058.0	-6512.2	1295	9.4	122826.0	-6559.5	1385	9.2	125305.0	-6510.0
1206	10.0	120103.0	-6523.5	1296	9.8	122855.0	-6545.0	1386	10.2	125314.0	-6503.0
1207	9.7	120125.0	-6505.0	1297	9.9	122855.0	-6525.0	1387	9.1	125411.0	-6528.0
1208	10.0	120220.0	-6538.0	1298	9.3	122929.0	-6522.0	1388	9.7	125423.0	-6550.5
1209	9.5	120224.0	-6515.0	1299	10.2	122932.0	-6551.0	1389	8.7	125427.0	-6534.0
1210	7.8	120244.0	-6525.0	1300	9.8	122943.0	-6529.0	1390	9.9	125430.0	-6543.0
1211	9.9	120246.0	-6512.0	1301	9.9	122950.0	-6530.5	1391	9.7	125437.0	-6501.5
1212	10.0	120330.0	-6529.0	1302	9.8	122956.0	-6530.0	1392	10.0	125451.0	-6548.0
1213	9.7	120330.0	-6500.5	1303	10.0	123045.0	-6511.0	1393	10.0	125458.0	-6507.5
1214	9.8	120337.0	-6504.5	1304	9.9	123047.0	-6530.5	1394	9.0	125500.0	-6525.5
1215	10.0	120402.0	-6529.5	1305	8.5	123059.0	-6509.0	1395	9.5	125623.0	-6503.5
1216	10.0	120420.0	-6506.0	1306	10.0	123154.0	-6546.0	1396	8.8	125624.0	-6533.5
1217	9.8	120453.0	-6526.0	1307	9.8	123158.0	-6544.0	1397	9.2	125632.0	-6515.0
1218	9.5	120510.0	-6531.5	1308	8.8	123207.0	-6501.0	1398	10.0	125712.0	-6505.0
1219	10.0	120525.0	-6534.0	1309	9.5	123215.0	-6521.0	1399	10.0	125740.0	-6533.0
1220	8.9	120530.0	-6532.5	1310	9.9	123232.0	-6518.0	1400	10.0	125744.0	-6503.0
1221	9.3	120555.0	-6518.5	1311	6.8	123234.0	-6549.5	1401	9.2	125744.0	-6541.0
1222	10.0	120720.0	-6519.0	1312	9.5	123243.0	-6544.0	1402	10.0	125826.0	-6539.0
1223	9.6	120732.0	-6527.0	1313	9.6	123300.0	-6510.5	1403	9.5	125906.0	-6546.0
1224	9.8	120734.0	-6526.5	1314	9.9	123303.0	-6544.0	1404	9.9	125906.0	-6552.5
1225	7.3	120737.0	-6551.0	1315	10.2	123328.0	-6540.5	1405	7.6	125936.0	-6512.5
1226	9.5	120743.0	-6519.5	1316	10.0	123348.0	-6505.0	1406	9.8	125949.0	-6526.0
1227	7.5	120744.0	-6549.5	1317	10.0	123351.0	-6543.5	1407	9.5	130010.0	-6521.0
1228	10.0	120759.0	-6559.0	1318	9.8	123412.0	-6512.0	1408	10.0	130020.0	-6517.0
1229	9.9	120813.0	-6519.0	1319	10.0	123450.0	-6513.0	1409	9.9	130023.0	-6553.0
1230	10.0	120827.0	-6536.0	1320	7.6	123523.0	-6546.5	1410	10.0	130045.0	-6530.0
1231	9.5	120841.0	-6501.0	1321	10.0	123535.0	-6536.5	1411	9.3	130049.0	-6530.5
1232	10.2	120925.0	-6507.0	1322	9.2	123538.0	-6540.5	1412	9.5	130058.0	-6520.0
1233	10.0	121017.0	-6557.5	1323	9.0	123556.0	-6556.0	1413	10.0	130120.0	-6533.0
1234	9.2	121038.0	-6501.5	1324	10.2	123627.0	-6511.0	1414	8.3	130125.0	-6552.5
1235	8.3	121156.0	-6549.5	1325	9.9	123654.0	-6523.0	1415	9.2	130232.0	-6501.4
1236	9.5	121209.0	-6504.5	1326	9.8	123714.0	-6544.0	1416	9.6	130242.0	-6520.0
1237	8.2	121215.0	-6558.0	1327	9.8	123727.0	-6525.5	1417	9.8	130301.0	-6532.0
1238	9.7	121220.0	-6522.5	1328	10.0	123730.0	-6556.5	1418	10.0	130306.0	-6503.5
1239	9.4	121232.0	-6508.0	1329	9.5	123743.0	-6557.5	1419	9.3	130406.0	-6540.0
1240	10.0	121305.0	-6549.0	1330	9.9	123758.0	-6543.0	1420	10.0	130410.0	-6518.0
1241	10.0	121326.0	-6539.0	1331	9.4	123813.0	-6541.0	1421	10.0	130415.0	-6530.0
1242	8.4	121329.0	-6535.5	1332	9.5	123831.0	-6532.0	1422	6.6	130435.0	-6534.0
1243	6.8	121338.0	-6509.0	1333	10.0	123847.0	-6542.0	1423	9.2	130513.0	-6551.5
1244	8.3	121340.0	-6507.0	1334	10.0	123850.0	-6558.0	1424	9.5	130528.0	-6556.0
1245	8.9	121341.0	-6537.0	1335	9.6	123908.0	-6515.5	1425	9.2	130528.0	-6524.0
1246	9.8	121341.0	-6549.0	1336	9.8	123935.0	-6507.0	1426	8.9	130540.0	-6517.5
1247	8.6	121420.0	-6508.5	1337	9.4	123942.0	-6523.5	1427	9.7	130608.0	-6536.5
1248	9.7	121443.0	-6524.0	1338	9.0	123946.0	-6533.0	1428	9.8	130618.0	-6501.0
1249	9.9	121444.0	-6536.0	1339	9.0	124037.0	-6523.0	1429	9.8	130630.0	-6559.0
1250	9.9	121537.0	-6552.0	1340	9.7	124038.0	-6522.0	1430	9.9	130635.0	-6553.0
1251	10.0	121604.0	-6519.0	1341	10.0	124040.0	-6539.0	1431	10.0	130648.0	-6552.5
1252	9.7	121610.0	-6508.5	1342	9.8	124059.0	-6531.5	1432	10.0	130705.0	-6521.0
1253	8.8	121620.0	-6524.0	1343	9.5	124125.0	-6544.0	1433	9.9	130737.0	-6530.0
1254	9.9	121623.0	-6551.0	1344	9.2	124153.0	-6554.5	1434	9.0	130738.0	-6548.5
1255	9.5	121634.0	-6559.0	1345	8.9	124213.0	-6550.5	1435	9.4	130741.0	-6507.0
1256	9.8	121640.0	-6509.0	1346	9.0	124236.0	-6525.0	1436	10.0	130742.0	-6556.0
1257	10.0	121642.0	-6513.0	1347	9.9	124241.0	-6509.0	1437	10.0	130759.0	-6531.0
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1259	8.6	121708.0	-6525.0	1349	8.5	124310.0	-6545.0	1439	9.9	130914.0	-6553.0
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1262	10.0	121812.0	-6537.0	1352	9.0	124354.0	-6517.5	1442	9.8	130941.0	-6546.5
1263	6.9	121819.0	-6504.5	1353	9.5	124356.0	-6502.0	1443	10.0	130945.0	-6518.0
1264	9.8	121830.0	-6508.5	1354	9.0	124357.0	-6536.5	1444	10.0	131013.0	-6502.0
1445	10.0	131016.0	-6505.5
1446	9.4	131055.0	-6505.5
1447	9.5	131115.0	-6551.5
1448	8.9	131121.0	-6515.5
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1451	8.6	131204.0	-6552.0
1452	9.0	131213.0	-6527.0
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1455	9.4	131308.0	-6550.0
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1460	9.8	131340.0	-6556.5
1461	10.1	131341.0	-6559.5
1462	9.5	131354.0	-6556.5
1463	9.8	131358.0	-6509.0
1464	9.3	131401.0	-6500.5
1465	10.0	131440.0	-6536.0
1466	10.0	131447.0	-6527.0
1467	10.0	131512.0	-6537.0
1468	9.7	131620.0	-6517.0
1469	10.0	131628.0	-6515.0
1470	9.4	131641.0	-6516.0
1471	9.5	131643.0	-6548.0
1472	8.8	131743.0	-6555.5
1473	9.8	131749.0	-6522.5
1474	8.5	131803.0	-6511.5
1475	9.3	131829.0	-6504.5
1476	10.1	131830.0	-6535.0
1477	10.1	131913.0	-6541.0
1478	9.5	131928.0	-6538.0
1479	9.5	131932.0	-6542.0
1480	9.7	131950.0	-6528.0
1481	9.8	132005.0	-6541.0
1482	8.9	132029.0	-6525.5
1483	9.4	132033.0	-6526.0
1484	9.8	132129.0	-6544.0
1485	10.0	132136.0	-6555.0
1486	10.0	132245.0	-6513.0
1487	9.4	132247.0	-6536.5
1488	9.2	132248.0	-6503.5
1489	9.5	132248.0	-6535.5
1490	9.0	132249.0	-6556.0
1491	10.0	132329.0	-6528.0
1492	10.0	132343.0	-6529.0
1493	9.8	132343.0	-6525.0
1494	9.8	132407.0	-6535.5
1495	10.0	132410.0	-6522.0
1496	8.7	132458.0	-6543.0
1497	7.2	132506.0	-6526.0
1498	9.5	132529.0	-6500.5
1499	10.0	132533.0	-6520.0
1500	10.0	132540.0	-6525.5
1501	9.8	132624.0	-6527.5
1502	9.3	132628.0	-6524.0
1503	9.7	132633.0	-6550.5
1504	9.5	132639.0	-6520.0
1505	10.0	132651.0	-6546.5
1506	10.0	132728.0	-6557.0
1507	9.6	132817.0	-6555.0
1508	9.4	132825.0	-6508.5
1509	9.8	132830.0	-6522.0
1510	9.9	132903.0	-6537.5
1511	8.5	132906.0	-6535.5
1512	10.0	132925.0	-6559.0
1513	9.1	132944.0	-6540.0
1514	10.0	133005.0	-6553.0
1515	9.4	133018.0	-6507.5
1516	9.7	133028.0	-6559.5
1517	9.2	133042.0	-6558.0
1518	9.6	133104.0	-6519.0
1519	9.8	133109.0	-6510.0
1520	9.3	133109.0	-6534.0
1521	9.9	133140.0	-6531.0
1522	10.1	133147.0	-6523.0
1523	9.3	133152.0	-6554.0
1524	7.9	133154.0	-6559.0
1525	8.9	133211.0	-6541.5
1526	10.0	133228.0	-6528.0
1527	9.3	133228.0	-6545.0
1528	10.2	133232.0	-6536.0
1529	9.1	133237.0	-6519.5
1530	10.0	133335.0	-6524.0
1531	9.6	133337.0	-6539.0
1532	9.8	133349.0	-6503.0
1533	8.4	133350.0	-6556.0
1534	9.5	133414.0	-6530.0

1535	9.5	133419.0	-6554.0	1625	9.5	135922.0	-6522.5	1715	9.4	142243.0	-6514.5	1805	9.6	144146.0	-6507.5
1536	9.2	133431.0	-6552.0	1626	8.7	135942.0	-6501.5	1716	10.0	142246.0	-6559.0	1806	8.7	144156.0	-6516.5
1537	10.2	133526.0	-6507.0	1627	9.4	135951.0	-6558.5	1717	9.3	142323.0	-6552.0	1807	9.4	144219.0	-6534.0
1538	10.2	133528.0	-6510.0	1628	9.1	135953.0	-6513.5	1718	10.0	142358.0	-6504.0	1808	9.5	144318.0	-6503.5
1539	9.5	133541.0	-6507.0	1629	10.0	140043.0	-6541.5	1719	9.8	142410.0	-6500.0	1809	9.8	144338.0	-6550.5
1540	10.0	133606.0	-6542.0	1630	10.0	140127.0	-6517.0	1720	10.0	142435.0	-6549.5	1810	7.6	144339.0	-6554.0
1541	9.2	133726.0	-6513.5	1631	8.5	140138.0	-6549.0	1721	9.5	142437.0	-6537.0	1811	10.0	144353.0	-6541.0
1542	8.5	133858.0	-6513.0	1632	9.4	140146.0	-6550.0	1722	8.2	142448.0	-6527.0	1812	9.6	144407.0	-6517.0
1543	10.0	133924.0	-6517.5	1633	9.9	140146.0	-6557.5	1723	9.8	142452.0	-6528.0	1813	6.5	144408.0	-6528.5
1544	9.8	134020.0	-6519.5	1634	10.0	140216.0	-6513.0	1724	9.5	142541.0	-6512.0	1814	9.4	144424.0	-6542.0
1545	8.8	134023.0	-6546.5	1635	10.2	140217.0	-6511.0	1725	9.5	142607.0	-6511.0	1815	9.6	144449.0	-6535.0
1546	9.9	134032.0	-6554.5	1636	9.9	140228.0	-6520.0	1726	10.2	142608.0	-6550.0	1816	9.7	144503.0	-6515.0
1547	9.7	134041.0	-6507.0	1637	8.5	140237.0	-6521.5	1727	9.3	142613.0	-6541.0	1817	9.8	144541.0	-6503.0
1548	9.7	134042.0	-6551.5	1638	10.0	140240.0	-6549.0	1728	9.5	142630.0	-6556.5	1818	9.8	144600.0	-6504.0
1549	9.2	134048.0	-6536.0	1639	8.5	140245.0	-6525.0	1729	9.2	142658.0	-6554.0	1819	10.0	144612.0	-6513.5
1550	9.6	134113.0	-6534.0	1640	9.5	140302.0	-6515.5	1730	10.0	142706.0	-6541.5	1820	9.8	144732.0	-6519.0
1551	9.8	134115.0	-6554.0	1641	8.6	140307.0	-6552.0	1731	10.0	142724.0	-6504.0	1821	8.8	144750.0	-6517.5
1552	9.1	134119.0	-6535.5	1642	9.4	140309.0	-6534.0	1732	10.0	142755.0	-6535.0	1822	10.0	144759.0	-6552.5
1553	9.9	134132.0	-6534.0	1643	9.5	140341.0	-6535.5	1733	9.5	142809.0	-6554.0	1823	8.5	144806.0	-6548.5
1554	9.5	134145.0	-6547.0	1644	9.8	140404.0	-6539.0	1734	9.8	142810.0	-6537.0	1824	10.0	144814.0	-6512.0
1555	9.5	134154.0	-6554.5	1645	10.0	140425.0	-6537.5	1735	10.0	142815.0	-6555.0	1825	9.8	144830.0	-6504.0
1556	9.1	134216.0	-6516.0	1646	9.9	140444.0	-6501.5	1736	9.9	142823.0	-6521.5	1826	9.5	144843.0	-6538.5
1557	8.1	134226.0	-6509.0	1647	10.0	140450.0	-6559.0	1737	8.9	142830.0	-6535.0	1827	9.4	144913.0	-6509.0
1558	10.0	134227.0	-6553.5	1648	7.2	140451.0	-6534.0	1738	9.6	142840.0	-6528.0	1828	9.4	144930.0	-6529.0
1559	10.0	134258.0	-6541.0	1649	6.8	140459.0	-6507.0	1739	10.0	142902.0	-6537.0	1829	9.9	144953.0	-6553.5
1560	10.0	134301.0	-6543.0	1650	10.2	140504.0	-6542.5	1740	9.8	142906.0	-6520.0	1830	10.0	144956.0	-6504.0
1561	9.0	134302.0	-6523.5	1651	9.6	140510.0	-6535.0	1741	9.7	142922.0	-6517.0	1831	9.8	144959.0	-6532.0
1562	8.9	134304.0	-6547.5	1652	9.9	140526.0	-6550.0	1742	10.2	142950.0	-6531.0	1832	9.9	145002.0	-6547.0
1563	8.8	134320.0	-6531.5	1653	8.7	140635.0	-6536.5	1743	10.0	142953.0	-6530.0	1833	9.5	145005.0	-6536.5
1564	9.8	134330.0	-6528.0	1654	9.9	140636.0	-6527.5	1744	10.2	142958.0	-6540.0	1834	10.2	145007.0	-6551.5
1565	9.8	134335.0	-6546.0	1655	10.0	140711.0	-6505.5	1745	10.0	143008.0	-6527.0	1835	9.5	145016.0	-6544.5
1566	7.2	134400.0	-6553.5	1656	9.8	140712.0	-6553.0	1746	9.4	143031.0	-6553.5	1836	7.9	145046.0	-6525.0
1567	10.2	134404.0	-6520.0	1657	9.6	140720.0	-6505.5	1747	10.0	143052.0	-6502.0	1837	9.4	145202.0	-6537.0
1568	10.2	134404.0	-6529.5	1658	7.5	140725.0	-6543.3	1748	9.6	143125.0	-6532.0	1838	9.5	145222.0	-6528.5
1569	9.7	134430.0	-6528.5	1659	9.7	140748.0	-6554.0	1749	10.1	143130.0	-6545.0	1839	9.7	145244.0	-6543.5
1570	10.0	134438.0	-6531.0	1660	9.7	140812.0	-6501.0	1750	9.8	143136.0	-6533.0	1840	9.2	145253.0	-6532.0
1571	10.0	134440.0	-6554.0	1661	10.2	140817.0	-6534.0	1751	9.6	143142.0	-6511.0	1841	9.3	145254.0	-6548.0
1572	9.4	134502.0	-6534.0	1662	9.4	140841.0	-6503.0	1752	10.0	143149.0	-6546.0	1842	10.0	145255.0	-6548.5
1573	9.8	134503.0	-6534.0	1663	10.0	140848.0	-6539.0	1753	10.2	143153.0	-6545.0	1843	8.5	145256.0	-6541.0
1574	8.7	134520.0	-6503.0	1664	10.2	140850.0	-6536.0	1754	10.0	143153.0	-6529.0	1844	9.6	145302.0	-6504.5
1575	10.2	134537.0	-6523.0	1665	9.8	140853.0	-6504.0	1755	10.0	143154.0	-6554.5	1845	10.2	145320.0	-6505.0
1576	9.2	134603.0	-6532.0	1666	10.0	140908.0	-6545.5	1756	9.9	143159.0	-6507.0	1846	9.8	145334.0	-6503.5
1577	9.8	134620.0	-6547.0	1667	10.0	140911.0	-6544.5	1757	9.3	143201.0	-6521.0	1847	9.2	145343.0	-6513.0
1578	9.9	134630.0	-6519.0	1668	10.2	141030.0	-6527.5	1758	9.5	143219.0	-6509.5	1848	10.0	145348.0	-6554.0
1579	7.5	134631.0	-6546.0	1669	9.5	141038.0	-6532.5	1759	9.3	143220.0	-6521.0	1849	9.4	145408.0	-6540.5
1580	9.0	134634.0	-6543.5	1670	10.0	141040.0	-6557.0	1760	9.9	143229.0	-6507.0	1850	8.9	145432.0	-6545.5
1581	10.0	134641.0	-6518.0	1671	9.0	141054.0	-6544.5	1761	9.7	143256.0	-6511.0	1851	8.6	145446.0	-6522.5
1582	9.5	134712.0	-6553.5	1672	9.8	141055.0	-6540.0	1762	8.5	143258.0	-6505.0	1852	10.0	145456.0	-6506.0
1583	9.5	134739.0	-6516.0	1673	10.0	141114.0	-6517.0	1763	9.5	143301.0	-6503.5	1853	10.0	145533.0	-6522.0
1584	9.2	134754.0	-6539.0	1674	8.5	141121.0	-6515.0	1764	9.3	143308.0	-6506.5	1854	9.5	145533.0	-6555.0
1585	9.4	134820.0	-6512.0	1675	10.0	141154.0	-6553.0	1765	9.7	143310.0	-6518.5	1855	9.9	145610.0	-6559.0
1586	10.0	134832.0	-6515.5	1676	10.0	141158.0	-6548.0	1766	9.4	143316.0	-6524.0	1856	9.8	145630.0	-6530.0
1587	10.0	134858.0	-6507.0	1677	10.2	141200.0	-6531.0	1767	8.6	143349.0	-6555.0	1857	10.0	145633.0	-6530.0
1588	8.2	134904.0	-6501.5	1678	9.9	141205.0	-6509.5	1768	10.0	143352.0	-6516.0	1858	10.0	145640.0	-6507.5
1589	6.7	134914.0	-6511.0	1679	9.6	141205.0	-6532.5	1769	9.7	143358.0	-6513.0	1859	9.5	145710.0	-6509.5
1590	8.9	134927.0	-6542.5	1680	9.0	141226.0	-6501.0	1770	9.5	143444.0	-6538.0	1860	10.0	145721.0	-6503.5
1591	9.6	134940.0	-6528.5	1681	8.9	141232.0	-6545.0	1771	9.6	143448.0	-6537.0	1861	7.5	145734.0	-6559.5
1592	9.2	134958.0	-6509.5	1682	9.7	141351.0	-6528.0	1772	9.9	143506.0	-6512.0	1862	10.0	145749.0	-6528.0
1593	9.7	135009.0	-6503.5	1683	9.5	141449.0	-6523.0	1773	9.7	143515.0	-6546.0	1863	10.2	145804.0	-6542.5
1594	9.8	135017.0	-6517.0	1684	9.8	141532.0	-6552.5	1774	10.1	143517.0	-6559.5	1864	10.0	145816.0	-6521.5
1595	10.2	135020.0	-6539.0	1685	9.4	141533.0	-6523.0	1775	8.9	143519.0	-6542.0	1865	9.3	145821.0	-6559.0
1596	9.5	135032.0	-6535.0	1686	9.5	141541.0	-6507.0	1776	9.9	143520.0	-6558.0	1866	9.0	145822.0	-6505.0
1597	9.8	135034.0	-6547.5	1687	6.7	141543.0	-6536.0	1777	9.9	143535.0	-6553.5	1867	9.9	145836.0	-6559.0
1598	10.2	135119.0	-6526.0	1688	10.0	141602.0	-6514.0	1778	9.6	143539.0	-6530.0	1868	10.2	145853.0	-6550.5
1599	10.0	135120.0	-6511.5	1689	9.0	141602.0	-6532.0	1779	9.6	143553.0	-6559.5	1869	9.8	145854.0	-6530.0
1600	10.0	135128.0	-6511.0	1690	9.5	141605.0	-6505.5	1780	8.3	143554.0	-6535.0	1870	10.0	145857.0	-6559.0
1601	6.4	135130.0	-6539.5	1691	8.5	141617.0	-6502.5	1781	9.3	143623.0	-6538.0	1871	9.2	145910.0	-6501.5
1602	9.6	135211.0	-6557.0	1692	9.9	141621.0	-6533.0	1782	9.5	143625.0	-6523.0	1872	9.8	150002.0	-6543.0
1603	9.8	135215.0	-6539.5	1693	9.9	141629.0	-6533.0	1783	8.8	143659.0	-6519.5	1873	10.0	150013.0	-6556.0
1604	10.0	135230.0	-6534.5	1694	8.9	141630.0	-6538.0	1784	7.5	143704.0	-6539.0	1874	9.7	150034.0	-6546.0
1605	9.4	135242.0	-6501.5	1695	9.4	141641.0	-6556.0	1785	7.5	143720.0	-6548.0	1875	10.0	150107.0	-6533.0
1606	10.0	135250.0	-6548.0	1696	9.1	141650.0	-6556.0	1786	9.4	143732.0	-6546.0	1876	10.0	150151.0	-6543.0
1607	9.8	135324.0	-6507.0	1697	6.6	141711.0	-6515.5	1787	8.5	143739.0	-6513.0	1877	9.6	150215.0	-6509.0
1608	9.4	135330.0	-6540.0	1698	10.2	141721.0	-6551.0	1788	9.6	143740.0	-6531.0	1878	10.0	150218.0	-6552.0
1609	9.9	135356.0	-6523.0	1699	9.6	141725.0	-6559.0	1789	7.5	143744.0	-6554.5	1879	8.8	150219.0	-6529.5
1610	9.9	135435.0	-6547.0	1700	10.0	141818.0	-6529.0	1790	8.9	143746.0	-6522.0	1880	9.0	150220.0	-6514.0
1611	9.0	135435.0	-6509.0	1701	10.0	141818.0	-6541.5	1791	10.0	143749.0	-6520.0	1881	10.2	150230.0	-6552.0
1612	10.0	135438.0	-6546.0	1702	10.0	141823.0	-6552.5	1792	10.0	143846.0	-6514.0	1882	10.0	150314.6	-6554.0
1613	9.8	135439.0	-6521.0	1703	9.9	141830.0	-6547.0	1793	7.0	143903.0	-6510.0	1883	9.9	150324.0	-6504.0
1614	9.9	135612.0	-6538.5	1704	10.2	141912.0	-6543.0	1794	9.8	143931.0	-6551.0	1884	10.0	150338.0	-6520.0
1615	9.2	135640.0	-6507.0	1705	9.8	141920.0	-6529.0	1795	8.3	143934.0	-6511.5	1885	9.3	150353.0	-6545.0
1616	10.0	135647.0	-6551.0	1706	9.0	141933.0	-6551.0	1796	9.9	143942.0	-6558.0	1886	8.3	150358.0	-6541.0
1617	9.8	135658.0	-6527.0	1707	9.5	141933.0	-6501.5	1797	9.8	143945.0	-6526.5	1887	9.4	150419.0	-6533.0
1618	9.7	135725.0	-6504.0	1708	9.8	141948.0	-6559.0	1798	9.8	143946.0	-6527.0	1888	9.5	150500.0	-6508.0
1619	9.0	135758.0	-6524.0	1709	10.0	142011.0	-6545.0	1799	9.8	143951.0	-6553.0	1889	9.8	150504.0	-6515.5
1620	8.2	135809.0	-6533.0	1710	9.9	142043.0	-6516.5	1800	8.0	144002.0	-6544.0	1890	10.0	150534.0	-6549.0
1621	9.8	135816.0	-6534.0	1711	9.8	142137.0	-6507.0	1801	8.5	144007.0	-6557.5	1891	10.0	150538.0	-6547.0
1622	9.8	135831.0	-6541.0	1712	10.0	142140.0	-6545.5	1802	9.5	144102.0	-6540.5	1892	9.9	150611.0	-6517.0
1623	10.0	135834.0	-6542.0	1713	10.0	142201.0	-6528.0	1803	9.5	144116.0	-6557.5	1893	10.2	150617.0	-6532.0
1624	9.5	135918.0	-6522.5	1714	9.9	142206.0	-6531.0	1804	10.0	144143.0	-6546.5	1894	10.0	150648.0	-6526.0

-65 1895 15h06m

-65 2254 16h56m

1895	9.4	150649.0	-6518.0	1985	9.8	153036.0	-6536.0	2075	10.1	155350.0	-6510.5	2165	9.4	162241.0	-6558.5
1896	9.1	150650.0	-6518.5	1986	10.0	153044.0	-6535.0	2076	9.2	155354.0	-6545.0	2166	8.3	162245.0	-6536.0
1897	9.8	150703.0	-6526.0	1987	10.0	153108.0	-6504.0	2077	9.1	155407.0	-6510.5	2167	9.5	162250.0	-6541.0
1898	8.6	150710.0	-6559.5	1988	8.4	153110.0	-6537.0	2078	9.1	155440.0	-6515.0	2168	9.8	162308.0	-6526.0
1899	9.9	150719.0	-6548.5	1989	9.2	153117.0	-6531.0	2079	9.5	155451.0	-6526.0	2169	6.0	162342.0	-6513.5
1900	8.5	150720.0	-6554.5	1990	10.0	153126.0	-6521.0	2080	9.9	155516.0	-6557.0	2170	8.5	162418.0	-6533.5
1901	8.3	150731.0	-6508.5	1991	9.6	153130.0	-6549.5	2081	9.0	155534.0	-6552.0	2171	10.0	162449.0	-6535.5
1902	9.7	150748.0	-6533.5	1992	9.8	153202.0	-6546.0	2082	9.6	155550.0	-6503.0	2172	7.8	162453.0	-6519.5
1903	9.8	150826.0	-6544.5	1993	9.8	153209.0	-6546.5	2083	9.3	155604.0	-6526.0	2173	8.5	162508.0	-6534.0
1904	9.9	150846.0	-6551.5	1994	9.5	153216.0	-6533.5	2084	9.4	155618.0	-6549.5	2174	9.8	162531.0	-6502.5
1905	9.8	151044.0	-6558.5	1995	10.0	153252.0	-6553.5	2085	9.8	155803.0	-6510.5	2175	10.2	162603.0	-6515.5
1906	10.0	151110.0	-6504.0	1996	10.0	153301.0	-6504.0	2086	9.0	155809.0	-6549.0	2176	9.8	162603.0	-6501.5
1907	9.9	151118.0	-6538.0	1997	9.5	153359.0	-6511.0	2087	8.6	155819.0	-6534.5	2177	9.6	162622.0	-6523.5
1908	7.1	151126.0	-6545.0	1998	7.3	153403.0	-6521.0	2088	9.5	155820.0	-6525.0	2178	8.6	162631.0	-6506.0
1909	10.0	151128.0	-6540.5	1999	10.0	153406.0	-6519.5	2089	9.0	155825.0	-6511.0	2179	9.4	162730.0	-6539.0
1910	9.9	151153.0	-6523.0	2000	8.5	153423.0	-6505.0	2090	9.2	155910.0	-6527.0	2180	9.3	162818.0	-6540.0
1911	10.0	151226.0	-6547.0	2001	10.0	153449.0	-6546.5	2091	9.8	155929.0	-6500.5	2181	9.8	162830.0	-6548.0
1912	9.8	151229.0	-6523.0	2002	10.0	153458.0	-6501.5	2092	9.2	155937.0	-6501.0	2182	8.4	162840.0	-6540.5
1913	9.8	151231.0	-6547.0	2003	10.0	153518.0	-6529.0	2093	8.6	155947.0	-6501.5	2183	8.1	162848.0	-6511.5
1914	9.5	151241.0	-6559.5	2004	9.8	153528.0	-6519.5	2094	9.4	160018.0	-6533.0	2184	9.8	162916.0	-6556.0
1915	9.7	151256.0	-6524.0	2005	9.6	153552.0	-6505.5	2095	8.0	160037.0	-6502.0	2185	9.8	163028.0	-6532.0
1916	9.4	151303.0	-6557.5	2006	9.9	153612.0	-6559.0	2096	10.2	160043.0	-6510.0	2186	9.1	163029.0	-6510.0
1917	10.0	151314.0	-6533.5	2007	6.1	153631.0	-6503.0	2097	9.7	160102.0	-6544.5	2187	10.0	163055.0	-6539.0
1918	9.6	151320.0	-6511.0	2008	10.0	153632.0	-6544.0	2098	9.5	160128.0	-6523.0	2188	9.8	163143.0	-6523.0
1919	10.0	151328.0	-6507.0	2009	8.8	153648.0	-6507.0	2099	10.0	160133.0	-6511.0	2189	9.8	163236.0	-6521.0
1920	9.1	151341.0	-6525.5	2010	9.8	153700.0	-6535.0	2100	9.7	160151.0	-6525.0	2190	10.0	163253.0	-6525.0
1921	9.6	151424.0	-6535.5	2011	9.9	153707.0	-6546.0	2101	9.5	160156.0	-6544.0	2191	8.5	163254.0	-6538.0
1922	9.4	151444.0	-6558.0	2012	9.5	153817.0	-6554.0	2102	6.9	160206.0	-6535.5	2192	9.5	163328.0	-6529.0
1923	10.0	151448.0	-6535.5	2013	10.0	153856.0	-6554.5	2103	10.0	160209.0	-6510.0	2193	8.9	163332.0	-6557.5
1924	10.0	151450.0	-6555.5	2014	9.7	153858.0	-6549.5	2104	8.7	160213.0	-6549.0	2194	9.3	163333.0	-6539.0
1925	9.5	151453.0	-6506.5	2015	10.0	153924.0	-6544.5	2105	10.0	160217.0	-6544.0	2195	8.5	163339.0	-6516.0
1926	9.8	151456.0	-6508.5	2016	9.1	153945.0	-6526.0	2106	10.0	160227.0	-6543.0	2196	9.0	163514.0	-6550.0
1927	8.6	151502.0	-6552.0	2017	9.4	154002.0	-6540.0	2107	9.3	160248.0	-6548.5	2197	9.5	163644.0	-6503.5
1928	9.9	151505.0	-6516.0	2018	10.0	154012.0	-6556.5	2108	9.8	160344.0	-6515.0	2198	10.0	163745.0	-6555.5
1929	10.0	151513.0	-6514.0	2019	9.3	154026.0	-6540.5	2109	9.3	160404.0	-6554.0	2199	9.9	163800.0	-6504.5
1930	9.0	151542.0	-6531.0	2020	9.6	154051.0	-6546.5	2110	10.0	160434.0	-6528.5	2200	9.9	163804.0	-6530.5
1931	7.0	151615.0	-6540.5	2021	10.0	154053.0	-6510.5	2111	9.5	160440.0	-6558.5	2201	10.0	163805.0	-6503.5
1932	9.2	151624.0	-6503.0	2022	9.7	154142.0	-6559.0	2112	9.7	160444.0	-6545.5	2202	9.5	163834.0	-6516.0
1933	9.5	151632.0	-6527.0	2023	9.6	154144.0	-6508.5	2113	9.8	160640.0	-6507.0	2203	9.7	163839.0	-6545.5
1934	9.8	151639.0	-6559.0	2024	9.6	154149.0	-6549.0	2114	9.9	160652.0	-6544.0	2204	9.9	163853.0	-6527.0
1935	9.4	151642.0	-6505.5	2025	9.7	154202.0	-6524.0	2115	9.3	160655.0	-6517.0	2205	9.7	163939.0	-6507.5
1936	10.0	151720.0	-6547.0	2026	9.8	154220.0	-6546.0	2116	10.0	160702.0	-6528.0	2206	6.5	163946.0	-6509.5
1937	9.9	151723.0	-6538.5	2027	9.3	154251.0	-6501.0	2117	9.2	160756.0	-6539.5	2207	9.3	164018.0	-6521.0
1938	10.2	151748.0	-6508.0	2028	8.0	154312.0	-6531.5	2118	9.6	160808.0	-6534.0	2208	9.2	164116.0	-6532.0
1939	9.6	151800.0	-6503.5	2029	10.0	154313.0	-6549.0	2119	9.7	160809.0	-6557.5	2209	9.8	164140.0	-6519.0
1940	9.9	151802.0	-6557.0	2030	10.0	154320.0	-6541.0	2120	10.0	160826.0	-6505.5	2210	10.0	164145.0	-6518.0
1941	9.6	151804.0	-6505.5	2031	9.7	154328.0	-6515.5	2121	9.8	160829.0	-6510.5	2211	10.0	164150.0	-6533.0
1942	10.0	151805.0	-6546.0	2032	9.6	154340.0	-6553.5	2122	8.5	160830.0	-6524.5	2212	9.7	164202.0	-6543.0
1943	7.2	151806.0	-6527.0	2033	10.0	154341.0	-6544.5	2123	9.5	160843.0	-6509.5	2213	8.9	164220.0	-6519.5
1944	10.0	151842.0	-6514.0	2034	10.0	154422.0	-6547.0	2124	10.0	160906.0	-6521.5	2214	10.0	164231.0	-6541.0
1945	9.5	151914.0	-6504.0	2035	9.8	154436.0	-6513.0	2125	9.9	160907.0	-6522.5	2215	9.5	164250.0	-6520.0
1946	9.0	151920.0	-6557.5	2036	9.1	154438.0	-6510.0	2126	9.4	160924.0	-6533.5	2216	10.0	164302.0	-6503.0
1947	9.5	151924.0	-6541.5	2037	9.5	154510.0	-6509.0	2127	9.8	160944.0	-6501.0	2217	10.0	164323.0	-6513.0
1948	9.9	151931.0	-6517.5	2038	9.8	154521.0	-6531.0	2128	9.9	160948.0	-6525.0	2218	8.0	164359.0	-6506.0
1949	8.0	151943.0	-6510.0	2039	9.6	154523.0	-6532.5	2129	9.8	160958.0	-6511.0	2219	9.3	164405.0	-6502.0
1950	10.2	151953.0	-6539.0	2040	8.7	154559.0	-6505.0	2130	9.5	161010.0	-6528.0	2220	7.8	164411.0	-6554.0
1951	7.5	152005.0	-6530.5	2041	9.2	154627.0	-6522.5	2131	8.4	161014.0	-6516.0	2221	10.0	164427.0	-6525.0
1952	7.9	152007.0	-6506.5	2042	9.8	154640.0	-6558.0	2132	9.0	161056.0	-6541.0	2222	10.0	164447.0	-6551.0
1953	10.0	152012.0	-6553.0	2043	10.0	154641.0	-6536.0	2133	10.0	161140.0	-6530.0	2223	8.1	164508.0	-6533.5
1954	10.0	152015.0	-6557.0	2044	9.6	154705.0	-6512.0	2134	8.3	161151.0	-6552.5	2224	9.9	164519.0	-6538.0
1955	10.0	152031.0	-6550.0	2045	10.0	154709.0	-6557.5	2135	10.0	161208.0	-6503.0	2225	10.0	164546.0	-6513.0
1956	10.0	152032.0	-6502.5	2046	8.5	154716.0	-6534.0	2136	9.6	161216.0	-6546.0	2226	7.0	164606.0	-6500.0
1957	9.8	152122.0	-6528.0	2047	9.5	154726.0	-6507.0	2137	9.0	161239.0	-6526.0	2227	10.0	164623.0	-6523.0
1958	9.7	152131.0	-6542.5	2048	10.0	154758.0	-6535.0	2138	9.8	161326.0	-6523.0	2228	9.9	164629.0	-6528.0
1959	9.5	152154.0	-6555.0	2049	10.0	154816.0	-6539.0	2139	10.2	161424.0	-6508.0	2229	9.8	164641.0	-6558.0
1960	9.9	152159.0	-6530.0	2050	10.2	154852.0	-6555.0	2140	9.6	161444.0	-6514.0	2230	9.5	164709.0	-6516.5
1961	8.2	152214.0	-6545.0	2051	10.2	154900.0	-6540.0	2141	9.7	161448.0	-6516.0	2231	8.7	164726.0	-6551.0
1962	10.0	152254.0	-6528.0	2052	10.2	154903.0	-6539.0	2142	10.0	161451.0	-6521.0	2232	9.7	164738.0	-6545.0
1963	10.2	152310.0	-6552.0	2053	8.6	154917.0	-6532.0	2143	9.8	161501.0	-6505.0	2233	9.6	164752.0	-6505.5
1964	9.8	152312.0	-6522.0	2054	9.5	154927.0	-6518.0	2144	8.9	161507.0	-6530.5	2234	9.6	164754.0	-6525.0
1965	10.0	152327.0	-6502.5	2055	9.9	154931.0	-6548.0	2145	10.0	161510.0	-6546.0	2235	9.5	164820.0	-6559.0
1966	10.0	152338.0	-6534.0	2056	10.0	154950.0	-6517.0	2146	9.6	161542.0	-6537.0	2236	9.0	164844.0	-6535.0
1967	9.8	152350.0	-6533.0	2057	10.0	155006.0	-6530.0	2147	9.2	161549.0	-6527.0	2237	9.5	164854.0	-6504.0
1968	8.5	152405.0	-6549.5	2058	9.3	155017.0	-6522.0	2148	9.5	161550.0	-6556.0	2238	8.6	164916.0	-6509.0
1969	9.6	152432.0	-6552.5	2059	9.5	155023.0	-6508.5	2149	10.2	161602.0	-6521.0	2239	9.9	165032.0	-6544.0
1970	7.0	152507.0	-6511.5	2060	9.9	155030.0	-6501.0	2150	9.8	161637.0	-6526.0	2240	8.4	165203.0	-6528.0
1971	9.5	152511.0	-6554.5	2061	10.0	155048.0	-6527.0	2151	9.7	161656.0	-6517.0	2241	9.7	165226.0	-6546.5
1972	4.6	152519.0	-6553.5	2062	9.2	155130.0	-6518.5	2152	9.5	161752.0	-6554.5	2242	9.8	165323.0	-6522.0
1973	10.1	152541.0	-6525.0	2063	9.7	155138.0	-6524.5	2153	8.4	161801.0	-6546.0	2243	10.0	165325.0	-6509.0
1974	9.8	152638.0	-6550.5	2064	9.5	155217.0	-6557.5	2154	9.8	161817.0	-6505.0	2244	9.6	165354.0	-6552.5
1975	10.0	152651.0	-6549.0	2065	10.2	155221.0	-6544.5	2155	9.0	161839.0	-6538.5	2245	10.0	165359.0	-6548.5
1976	10.0	152713.0	-6536.5	2066	9.6	155224.0	-6519.0	2156	10.0	161844.0	-6545.0	2246	10.0	165455.0	-6557.5
1977	9.9	152713.0	-6503.0	2067	10.0	155242.0	-6556.0	2157	9.5	161859.0	-6519.0	2247	7.2	165506.0	-6534.5
1978	9.9	152728.0	-6535.5	2068	9.3	155250.0	-6511.0	2158	9.7	161912.0	-6521.5	2248	9.8	165558.0	-6556.5
1979	10.0	152749.0	-6509.5	2069	10.1	155258.0	-6519.0	2159	9.5	162017.0	-6535.0	2249	10.0	165601.0	-6524.0
1980	10.0	152757.0	-6550.0	2070	9.8	155312.0	-6544.0	2160	9.5	162102.0	-6540.0	2250	10.1	165612.0	-6503.0
1981	9.9	152832.0	-6527.0	2071	8.2	155313.0	-6530.5	2161	9.7	162124.0	-6506.5	2251	9.5	165614.0	-6546.5
1982	8.3	152844.0	-6515.0	2072	10.0	155344.0	-6548.5	2162	10.0	162147.0	-6554.0	2252	10.0	165618.0	-6504.0
1983	9.5	152953.0	-6523.5	2073	10.0	155348.0	-6537.0	2163	10.0	162225.0	-6514.0	2253	9.8	165622.0	-6532.0
1984	10.0	152959.0	-6509.0	2074	9.3	155349.0	-6508.0	2164	7.7	162235.0	-6544.5	2254	9.8	165627.0	-6525.5

-65 2255 16h56m

2255	9.3	165636.0	-6542.5
2256	9.9	165638.0	-6551.0
2257	10.0	165654.0	-6513.5
2258	8.4	165704.0	-6509.0
2259	9.8	165712.0	-6534.0
2260	10.2	165723.0	-6516.0
2261	8.2	165750.0	-6535.5
2262	9.5	165812.0	-6502.0
2263	9.8	165833.0	-6556.5
2264	9.3	165838.0	-6551.5
2265	10.0	165927.0	-6515.0
2266	9.1	165930.0	-6520.0
2267	9.8	165940.0	-6517.5
2268	10.0	170103.0	-6526.0
2269	9.9	170115.0	-6513.5
2270	8.5	170125.0	-6531.5
2271	7.3	170141.0	-6548.0
2272	9.5	170149.0	-6557.0
2273	10.0	170230.0	-6558.0
2274	9.9	170238.0	-6509.5
2275	9.8	170258.0	-6551.0
2276	9.5	170303.0	-6537.0
2277	9.8	170309.0	-6517.0
2278	9.8	170332.0	-6536.5
2279	9.8	170340.0	-6538.5
2280	9.9	170344.0	-6522.0
2281	9.6	170354.0	-6536.5
2282	9.7	170412.0	-6528.5
2283	9.7	170417.0	-6504.5
2284	9.8	170445.0	-6551.0
2285	9.4	170506.0	-6531.5
2286	9.2	170522.0	-6545.5
2287	9.9	170540.0	-6524.5
2288	9.5	170601.0	-6505.0
2289	9.2	170612.0	-6527.0
2290	10.0	170653.0	-6540.0
2291	9.6	170732.0	-6543.5
2292	9.8	170740.0	-6553.5
2293	10.0	170740.0	-6528.5
2294	9.5	170754.0	-6500.0
2295	10.0	170757.0	-6523.0
2296	9.8	170807.0	-6556.5
2297	9.4	170807.0	-6553.0
2298	9.6	170827.0	-6523.0
2299	10.2	170839.0	-6527.0
2300	9.7	170843.0	-6506.5
2301	10.0	170859.0	-6551.5
2302	8.8	171008.0	-6511.5
2303	9.6	171017.0	-6533.0
2304	9.8	171034.0	-6516.5
2305	9.1	171045.0	-6549.0
2306	9.7	171109.0	-6523.0
2307	6.9	171132.0	-6534.5
2308	9.9	171138.0	-6551.0
2309	9.7	171140.0	-6523.0
2310	9.5	171201.0	-6520.0
2311	9.5	171318.0	-6532.0
2312	9.2	171343.0	-6547.5
2313	8.6	171350.0	-6511.0
2314	10.0	171442.0	-6547.5
2315	9.4	171550.0	-6541.0
2316	9.8	171631.0	-6556.5
2317	9.6	171642.0	-6502.0
2318	9.4	171658.0	-6550.5
2319	9.8	171659.0	-6511.0
2320	10.0	171824.0	-6529.0
2321	10.2	171830.0	-6541.0
2322	7.7	171918.0	-6548.5
2323	9.5	171920.0	-6501.0
2324	10.0	171940.0	-6525.0
2325	10.0	171956.0	-6525.5
2326	9.7	172014.0	-6523.0
2327	10.0	172019.0	-6536.0
2328	10.0	172023.0	-6543.5
2329	10.0	172112.0	-6541.5
2330	9.9	172120.0	-6523.5
2331	10.0	172125.0	-6556.0
2332	10.0	172132.0	-6509.5
2333	8.5	172136.0	-6554.5
2334	10.0	172142.0	-6508.5
2335	9.6	172155.0	-6548.0
2336	10.0	172157.0	-6541.0
2337	9.5	172218.0	-6533.5
2338	9.5	172322.0	-6547.0
2339	9.7	172338.0	-6526.0
2340	7.5	172343.0	-6554.5
2341	8.7	172424.0	-6530.5
2342	10.0	172425.0	-6549.0
2343	9.9	172428.0	-6546.0
2344	9.4	172450.0	-6534.0
2345	8.9	172522.0	-6547.0
2346	9.9	172528.0	-6540.0
2347	9.2	172607.0	-6546.0
2348	9.5	172622.0	-6533.0
2349	10.0	172630.0	-6526.0
2350	10.0	172732.0	-6505.0
2351	10.0	172748.0	-6548.0
2352	8.9	172802.0	-6547.0
2353	9.7	172810.0	-6520.0
2354	9.1	172844.0	-6500.0
2355	9.0	172848.0	-6515.0
2356	9.0	172853.0	-6508.0
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-65 2614 19h38m

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321	9.2	52912.0	-6643.0
322	10.2	52916.0	-6659.0
323	7.8	52920.0	-6632.0
324	9.7	52938.0	-6608.0
325	9.9	53022.0	-6640.5
326	20.0	53026.0	-6659.0
327	9.0	53041.0	-6637.5
328	9.1	53140.0	-6645.5
329	10.0	53155.0	-6626.5
330	20.0	53222.0	-6633.0
331	9.5	53255.0	-6628.0
332	8.7	53258.0	-6601.5
333	9.5	53450.0	-6659.0
334	9.8	53501.0	-6658.5
335	9.5	53619.0	-6621.5
336	10.0	53623.0	-6644.5
337	6.6	53654.0	-6637.5
338	9.5	54003.0	-6659.0
339	9.5	54013.0	-6657.5
340	10.0	54136.0	-6644.5
341	9.2	54149.0	-6608.5
342	10.0	54258.0	-6635.5
343	10.0	54351.0	-6647.5
344	10.0	54423.0	-6648.0
345	9.4	54716.0	-6644.5
346	9.5	54757.0	-6642.5
347	8.6	54822.0	-6640.5
348	10.0	54946.0	-6605.0
349	9.5	54959.0	-6630.0
350	10.0	55000.0	-6620.0
351	5.1	55002.0	-6656.0
352	10.0	55027.0	-6635.0
353	10.0	55059.0	-6625.0
354	10.0	55218.0	-6639.0
355	9.9	55322.0	-6625.0
356	9.5	55439.0	-6630.5
357	10.0	55649.0	-6639.5
358	8.5	55649.0	-6619.0
359	9.5	55809.0	-6620.5
360	9.5	60011.0	-6613.0
361	10.1	60100.0	-6656.0
362	9.8	60138.0	-6635.0
363	9.6	60351.0	-6628.5
364	9.8	60354.0	-6646.5
365	6.0	60602.0	-6601.5
366	10.0	60617.0	-6603.5
367	9.7	60753.0	-6659.0
368	10.0	60802.0	-6643.0

-66 369 6h10m

369	9.2	61001.0	-6631.0	459	7.8	70305.0	-6642.0	549	9.3	75629.0	-6652.0	639	9.9	84632.0	-6653.0
370	9.5	61125.0	-6655.5	460	9.9	70404.0	-6637.0	550	9.9	75657.0	-6640.0	640	10.1	84642.0	-6633.5
371	9.5	61259.0	-6600.5	461	10.0	70444.0	-6651.0	551	10.0	75717.0	-6620.0	641	10.0	84733.0	-6638.5
372	10.0	61317.0	-6610.5	462	10.0	70454.0	-6615.0	552	10.1	75728.0	-6612.0	642	10.0	84741.0	-6657.5
373	7.5	61342.0	-6638.0	463	10.0	70555.0	-6655.0	553	8.5	75746.0	-6626.0	643	10.0	84745.0	-6615.5
374	9.5	61347.0	-6645.0	464	7.5	70638.0	-6649.0	554	10.0	75816.0	-6612.0	644	10.0	84819.0	-6638.0
375	8.2	61348.0	-6608.0	465	10.0	70829.0	-6631.0	555	9.8	75950.0	-6642.0	645	10.0	84851.0	-6613.0
376	7.7	61536.0	-6614.5	466	9.8	71009.0	-6648.0	556	9.6	80048.0	-6617.0	646	5.9	84854.0	-6619.5
377	9.0	61548.0	-6642.5	467	9.2	71030.0	-6607.0	557	9.7	80115.0	-6605.0	647	8.5	84859.0	-6652.0
378	10.0	61635.0	-6657.0	468	10.0	71043.0	-6656.0	558	10.0	80143.0	-6607.0	648	10.0	84933.0	-6655.0
379	10.2	61647.0	-6601.0	469	7.8	71049.0	-6651.5	559	9.5	80217.0	-6615.0	649	8.5	84944.0	-6630.5
380	10.0	61710.0	-6647.0	470	9.5	71054.0	-6653.5	560	8.8	80231.0	-6629.0	650	10.0	84955.0	-6657.5
381	10.2	61726.0	-6601.0	471	10.0	71209.0	-6609.0	561	9.8	80248.0	-6610.0	651	10.2	85011.0	-6623.0
382	10.0	61904.0	-6617.5	472	10.0	71425.0	-6609.0	562	9.5	80337.0	-6621.0	652	9.7	85121.0	-6651.0
383	9.7	61948.0	-6646.0	473	9.5	71446.0	-6619.0	563	7.8	80348.0	-6650.5	653	9.5	85201.0	-6608.0
384	10.0	61954.0	-6645.0	474	10.0	71458.0	-6644.0	564	10.0	80359.0	-6637.5	654	10.0	85211.0	-6610.0
385	9.6	61959.0	-6622.0	475	8.9	71558.0	-6635.0	565	10.0	80414.0	-6606.5	655	9.4	85218.0	-6613.0
386	9.8	62004.0	-6622.0	476	10.0	71630.0	-6625.0	566	10.2	80459.0	-6606.0	656	8.5	85219.0	-6620.0
387	8.9	62007.0	-6629.5	477	9.2	71644.0	-6647.0	567	9.5	80631.0	-6647.5	657	10.0	85325.0	-6639.0
388	9.5	62019.0	-6620.5	478	9.5	71713.0	-6620.5	568	10.0	80751.0	-6648.5	658	8.5	85332.0	-6617.5
389	9.8	62123.0	-6655.5	479	10.0	71806.0	-6615.5	569	9.9	80753.0	-6622.5	659	8.2	85338.0	-6647.0
390	9.8	62142.0	-6636.5	480	10.0	71824.0	-6651.5	570	10.1	81014.0	-6617.5	660	9.9	85451.0	-6620.5
391	8.8	62232.0	-6614.5	481	8.2	71904.0	-6657.5	571	10.1	81038.0	-6631.0	661	9.5	85451.0	-6635.5
392	8.9	62316.0	-6656.0	482	9.9	72030.0	-6625.0	572	8.5	81045.0	-6658.5	662	9.5	85453.0	-6633.5
393	9.4	62322.0	-6637.0	483	10.0	72048.0	-6643.0	573	9.2	81138.0	-6600.5	663	9.2	85523.0	-6648.0
394	9.8	62423.0	-6654.0	484	10.0	72145.0	-6652.0	574	10.0	81212.0	-6658.5	664	8.5	85632.0	-6611.0
395	10.2	62512.0	-6624.5	485	9.5	72145.0	-6647.0	575	9.5	81218.0	-6653.5	665	9.8	85719.0	-6627.0
396	10.0	62559.0	-6649.0	486	9.3	72147.0	-6603.0	576	9.1	81242.0	-6613.0	666	10.0	85836.0	-6607.5
397	9.5	62648.0	-6600.5	487	8.4	72221.0	-6617.5	577	10.0	81326.0	-6645.0	667	9.5	85913.0	-6649.5
398	9.5	62735.0	-6638.0	488	9.2	72338.0	-6617.5	578	9.5	81402.0	-6621.0	668	9.0	85938.0	-6618.5
399	9.5	62736.0	-6636.0	489	9.6	72400.0	-6625.0	579	10.0	81444.0	-6648.5	669	9.2	85941.0	-6613.5
400	9.6	62749.0	-6648.0	490	10.0	72401.0	-6642.0	580	10.0	81525.0	-6628.5	670	9.8	85949.0	-6659.0
401	8.5	62802.0	-6640.5	491	10.2	72403.0	-6642.0	581	9.8	81556.0	-6603.0	671	10.0	90003.0	-6641.5
402	9.5	62813.0	-6655.5	492	10.0	72531.0	-6647.0	582	8.9	81606.0	-6657.5	672	10.0	90034.0	-6643.5
403	10.0	62820.0	-6651.5	493	9.5	72538.0	-6612.0	583	8.3	81658.0	-6607.0	673	9.8	90042.0	-6658.5
404	9.8	62837.0	-6620.0	494	10.0	72621.0	-6649.0	584	9.8	81714.0	-6632.0	674	9.5	90104.0	-6651.5
405	10.0	62838.0	-6650.0	495	9.2	72625.0	-6636.5	585	10.0	81720.0	-6612.5	675	9.2	90114.0	-6654.5
406	9.8	62941.0	-6633.0	496	9.5	72700.0	-6645.5	586	10.0	81724.0	-6613.5	676	9.8	90137.0	-6644.0
407	7.8	63105.0	-6646.5	497	10.0	72710.0	-6622.0	587	9.5	81725.0	-6629.0	677	9.8	90158.0	-6635.0
408	10.0	63231.0	-6610.5	498	10.1	72714.0	-6623.0	588	9.0	81820.0	-6613.5	678	10.0	90202.0	-6633.0
409	10.0	63340.0	-6628.0	499	8.5	72735.0	-6643.5	589	9.0	81850.0	-6605.5	679	10.0	90252.0	-6612.5
410	10.0	63413.0	-6651.5	500	10.0	72759.0	-6609.0	590	10.1	81906.0	-6638.5	680	9.5	90318.0	-6642.0
411	9.5	63520.0	-6643.0	501	10.0	72812.0	-6615.5	591	9.7	81908.0	-6605.5	681	10.0	90319.0	-6612.0
412	10.0	63543.0	-6635.0	502	9.9	72928.0	-6618.0	592	10.0	81922.0	-6647.5	682	9.5	90335.0	-6607.0
413	10.0	63723.0	-6623.0	503	8.9	73020.0	-6605.0	593	9.2	81955.0	-6620.5	683	10.0	90534.0	-6635.5
414	9.2	63746.0	-6616.0	504	7.8	73102.0	-6655.0	594	8.5	82016.0	-6623.5	684	10.0	90711.0	-6644.5
415	10.0	63758.0	-6643.0	505	10.1	73237.0	-6638.0	595	8.0	82056.0	-6656.0	685	10.0	90721.0	-6651.0
416	10.0	63759.0	-6633.0	506	9.8	73320.0	-6603.0	596	9.7	82057.0	-6600.0	686	9.7	90730.0	-6614.0
417	9.5	63758.0	-6656.5	507	9.6	73332.0	-6600.0	597	10.0	82303.0	-6654.0	687	9.2	90734.0	-6601.5
418	10.0	64022.0	-6634.0	508	9.2	73340.0	-6605.0	598	10.1	82329.0	-6629.0	688	9.8	90758.0	-6628.0
419	10.0	64057.0	-6646.0	509	8.9	73412.0	-6622.5	599	9.5	82340.0	-6623.0	689	10.0	90825.0	-6651.0
420	9.5	64145.0	-6649.0	510	10.0	73420.0	-6651.5	600	9.9	82343.0	-6615.0	690	9.9	90842.0	-6630.0
421	9.9	64150.0	-6605.0	511	9.9	73600.0	-6643.5	601	9.5	82433.0	-6649.0	691	10.0	90843.0	-6628.0
422	8.3	64310.0	-6622.0	512	10.0	73602.0	-6638.0	602	10.0	82445.0	-6650.0	692	9.0	90859.0	-6621.0
423	9.9	64327.0	-6634.0	513	9.5	73706.0	-6638.5	603	10.0	82454.0	-6602.5	693	10.1	90920.0	-6614.0
424	9.9	64338.0	-6608.0	514	10.0	73734.0	-6610.0	604	10.1	82526.0	-6634.0	694	9.5	90925.0	-6612.0
425	10.0	64425.0	-6656.0	515	9.8	73748.0	-6613.0	605	10.0	82553.0	-6633.0	695	9.2	90929.0	-6634.0
426	9.8	64446.0	-6629.0	516	10.0	73802.0	-6654.0	606	9.5	82613.0	-6657.0	696	10.0	90930.0	-6650.0
427	9.2	64455.0	-6644.0	517	9.3	73810.0	-6648.5	607	9.4	82647.0	-6621.5	697	9.4	90933.0	-6634.0
428	10.0	64522.0	-6658.5	518	9.3	73832.0	-6625.5	608	9.7	82726.0	-6644.5	698	9.2	91014.0	-6612.5
429	9.3	64532.0	-6612.0	519	10.0	73915.0	-6616.0	609	10.0	82801.0	-6642.5	699	9.9	91044.0	-6619.5
430	10.0	64642.0	-6630.5	520	10.0	74103.0	-6656.5	610	8.2	82832.0	-6642.8	700	9.3	91058.0	-6659.0
431	8.5	64835.0	-6600.0	521	7.8	74148.0	-6636.0	611	8.4	82950.0	-6626.5	701	9.8	91120.0	-6617.0
432	10.0	64930.0	-6611.0	522	8.6	74152.0	-6635.0	612	9.8	83044.0	-6647.0	702	9.8	91125.0	-6604.0
433	7.0	64947.0	-6608.5	523	9.7	74201.0	-6603.0	613	10.0	83104.0	-6613.0	703	9.8	91239.0	-6643.0
434	10.0	65016.0	-6649.5	524	8.4	74331.0	-6654.0	614	10.1	83152.0	-6631.0	704	10.0	91241.0	-6600.0
435	9.7	65113.0	-6658.0	525	10.0	74401.0	-6629.0	615	8.5	83208.0	-6636.0	705	9.5	91253.0	-6631.0
436	9.8	65135.0	-6658.0	526	8.6	74512.0	-6645.5	616	8.8	83220.0	-6606.0	706	9.4	91316.0	-6613.0
437	9.5	65142.0	-6633.0	527	9.8	74558.0	-6630.5	617	10.0	83233.0	-6648.0	707	9.8	91328.0	-6620.0
438	9.6	65211.0	-6612.5	528	9.2	74600.0	-6624.0	618	8.8	83240.0	-6605.5	708	9.4	91344.0	-6654.5
439	9.2	65222.0	-6640.0	529	9.6	74626.0	-6645.5	619	9.8	83336.0	-6645.5	709	9.0	91429.0	-6636.5
440	10.0	65238.0	-6640.0	530	10.0	74658.0	-6659.5	620	10.0	83342.0	-6610.5	710	8.8	91512.0	-6602.0
441	9.8	65300.0	-6611.0	531	9.0	74739.0	-6602.0	621	9.0	83351.0	-6653.5	711	8.5	91533.0	-6610.0
442	9.5	65406.0	-6649.5	532	9.7	74749.0	-6635.0	622	9.5	83435.0	-6629.0	712	6.6	91542.0	-6631.5
443	9.7	65414.0	-6613.5	533	10.1	74923.0	-6624.0	623	8.5	83520.0	-6649.0	713	10.0	91720.0	-6652.0
444	9.8	65450.0	-6634.0	534	9.8	74930.0	-6630.0	624	10.0	83523.0	-6650.0	714	8.3	91723.0	-6654.0
445	10.0	65512.0	-6651.0	535	9.0	75010.0	-6622.5	625	9.5	83856.0	-6620.5	715	9.6	91759.0	-6635.0
446	9.6	65628.0	-6604.2	536	9.8	75049.0	-6632.0	626	9.3	83921.0	-6626.0	716	9.7	91816.0	-6650.0
447	10.0	65641.0	-6608.0	537	10.1	75053.0	-6614.5	627	6.9	83938.0	-6622.0	717	9.6	91919.0	-6632.0
448	9.5	65708.0	-6652.0	538	9.7	75128.0	-6616.5	628	10.1	84132.0	-6621.0	718	9.6	91931.0	-6637.0
449	9.2	65745.0	-6649.0	539	10.0	75144.0	-6655.0	629	10.0	84202.0	-6622.5	719	9.5	92011.0	-6658.0
450	10.0	65854.0	-6604.0	540	10.2	75214.0	-6647.0	630	10.0	84217.0	-6649.0	720	10.1	92029.0	-6635.0
451	9.8	65930.0	-6655.0	541	9.0	75334.0	-6644.5	631	9.2	84221.0	-6657.5	721	10.0	92114.0	-6629.0
452	9.6	65930.0	-6614.0	542	10.2	75406.0	-6632.0	632	9.6	84230.0	-6634.5	722	9.2	92125.0	-6657.0
453	9.4	70014.0	-6658.5	543	10.0	75425.0	-6632.5	633	10.0	84237.0	-6646.0	723	8.9	92145.0	-6609.0
454	9.5	70051.0	-6637.0	544	10.0	75453.0	-6634.5	634	10.0	84242.0	-6644.0	724	9.7	92247.0	-6616.0
455	10.0	70122.0	-6607.0	545	10.0	75520.0	-6639.5	635	10.0	84246.0	-6611.5	725	9.7	92354.0	-6602.0
456	10.1	70155.0	-6646.5	546	10.0	75522.0	-6609.0	636	9.9	84430.0	-6606.0	726	8.0	92449.0	-6601.5
457	10.2	70201.0	-6641.0	547	9.8	75608.0	-6615.5	637	10.0	84442.0	-6614.5	727	9.9	92458.0	-6656.0
458	10.0	70209.0	-6645.0	548	9.2	75625.0	-6625.5	638	8.5	84456.0	-6604.5	728	9.5	92533.0	-6653.0

-66 728 9h25m

729	6.3	92605.0	-6609.5	819	10.0	100132.0	-6622.5	909	9.9	103058.0	-6644.0	999	9.9	110149.0	-6656.5
730	9.5	92635.0	-6613.0	820	8.5	100156.0	-6606.5	910	9.3	103059.0	-6645.0	1000	10.0	110238.0	-6601.0
731	10.1	92641.0	-6604.5	821	9.0	100156.0	-6639.0	911	10.0	103110.0	-6651.0	1001	9.7	110255.0	-6630.0
732	9.9	92745.0	-6642.0	822	10.0	100200.0	-6603.0	912	10.1	103121.0	-6635.0	1002	9.7	110258.0	-6624.0
733	8.4	92746.0	-6639.0	823	9.9	100209.0	-6601.5	913	10.0	103127.0	-6640.0	1003	9.5	110312.0	-6626.0
734	9.5	92810.0	-6644.5	824	8.9	100253.0	-6655.0	914	9.5	103141.0	-6624.5	1004	9.5	110316.0	-6627.0
735	8.9	92839.0	-6648.0	825	10.0	100325.0	-6611.5	915	10.0	103214.0	-6648.5	1005	9.0	110322.0	-6648.0
736	6.7	92904.0	-6610.0	826	10.0	100350.0	-6646.0	916	9.5	103216.0	-6630.5	1006	10.1	110358.0	-6633.5
737	9.0	92936.0	-6646.5	827	9.5	100403.0	-6631.5	917	9.3	103309.0	-6638.0	1007	9.5	110443.0	-6630.0
738	9.5	92940.0	-6645.5	828	9.9	100413.0	-6625.5	918	10.0	103345.0	-6608.0	1008	9.0	110447.0	-6620.5
739	9.7	92953.0	-6616.5	829	10.0	100432.0	-6604.0	919	10.1	103453.0	-6651.0	1009	10.0	110712.0	-6642.5
740	9.5	93237.0	-6630.0	830	10.0	100434.0	-6604.5	920	9.9	103509.0	-6656.5	1010	8.5	110748.0	-6625.5
741	9.0	93325.0	-6643.0	831	9.8	100529.0	-6612.0	921	8.5	103511.0	-6600.5	1011	9.9	110813.0	-6626.5
742	8.0	93458.0	-6607.0	832	10.1	100531.0	-6647.0	922	9.3	103518.0	-6626.0	1012	8.3	110817.0	-6610.0
743	9.2	93523.0	-6652.5	833	10.1	100542.0	-6626.0	923	8.0	103520.0	-6631.0	1013	9.7	110857.0	-6604.0
744	9.2	93546.0	-6608.0	834	9.0	100552.0	-6628.0	924	9.9	103628.0	-6612.0	1014	10.0	110932.0	-6623.5
745	7.6	93605.0	-6617.5	835	9.7	100553.0	-6601.5	925	9.7	103633.0	-6619.5	1015	9.7	110950.0	-6609.5
746	9.0	93608.0	-6606.5	836	9.5	100618.0	-6658.5	926	9.7	103637.0	-6625.0	1016	9.2	111023.0	-6602.5
747	9.7	93643.0	-6620.5	837	10.1	100649.0	-6658.5	927	9.2	103643.0	-6658.0	1017	9.5	111027.0	-6643.5
748	9.6	93649.0	-6619.5	838	7.5	100659.0	-6638.5	928	10.0	103649.0	-6609.5	1018	9.7	111052.0	-6657.5
749	9.8	93825.0	-6641.0	839	9.5	100721.0	-6624.0	929	10.0	103723.0	-6645.0	1019	10.0	111056.0	-6620.0
750	9.0	93845.0	-6610.0	840	9.9	100739.0	-6604.5	930	10.0	103759.0	-6611.0	1020	10.0	111057.0	-6613.0
751	9.5	93901.0	-6634.5	841	10.0	100754.0	-6641.0	931	9.3	103905.0	-6649.5	1021	10.0	111103.0	-6658.0
752	9.9	93918.0	-6603.5	842	10.0	100757.0	-6604.0	932	8.8	103908.0	-6638.0	1022	10.0	111128.0	-6642.0
753	10.0	93925.0	-6610.5	843	9.7	100826.0	-6622.0	933	9.5	103920.0	-6649.0	1023	9.2	111144.0	-6614.5
754	6.7	93930.0	-6620.5	844	8.0	100858.0	-6604.5	934	8.5	103937.0	-6658.0	1024	9.4	111154.0	-6610.5
755	10.0	93938.0	-6628.0	845	10.0	100910.0	-6619.5	935	9.5	104008.0	-6611.5	1025	9.5	111321.0	-6657.5
756	9.8	93954.0	-6635.0	846	10.0	100924.0	-6611.5	936	10.0	104010.0	-6640.0	1026	9.9	111328.0	-6628.5
757	9.7	94026.0	-6614.0	847	9.5	100951.0	-6628.5	937	10.0	104010.0	-6638.0	1027	10.0	111340.0	-6645.0
758	10.0	94050.0	-6612.5	848	8.8	101005.0	-6609.0	938	8.9	104018.0	-6601.5	1028	8.9	111455.0	-6622.0
759	9.2	94113.0	-6627.0	849	8.2	101108.0	-6632.0	939	9.5	104048.0	-6605.0	1029	9.2	111506.0	-6634.0
760	9.8	94120.0	-6604.0	850	10.1	101131.0	-6652.5	940	9.9	104049.0	-6657.0	1030	9.2	111512.0	-6643.0
761	10.0	94208.0	-6648.0	851	8.3	101134.0	-6640.5	941	10.0	104116.0	-6622.5	1031	10.0	111532.0	-6638.0
762	9.7	94217.0	-6645.0	852	7.5	101139.0	-6640.0	942	9.6	104131.0	-6617.0	1032	10.0	111554.0	-6619.0
763	9.9	94220.0	-6618.0	853	8.5	101145.0	-6616.0	943	10.0	104138.0	-6657.0	1033	10.0	111657.0	-6650.0
764	7.7	94227.0	-6614.0	854	10.0	101230.0	-6653.0	944	9.9	104216.0	-6658.0	1034	10.1	111709.0	-6632.5
765	10.0	94231.0	-6616.0	855	10.0	101251.0	-6657.0	945	9.4	104218.0	-6609.5	1035	10.0	111744.0	-6607.0
766	10.0	94238.0	-6654.0	856	10.0	101253.0	-6638.5	946	8.2	104424.0	-6638.5	1036	9.8	111752.0	-6623.0
767	9.2	94254.0	-6659.5	857	10.0	101300.0	-6636.5	947	9.0	104433.0	-6654.5	1037	9.6	111755.0	-6617.0
768	10.0	94302.0	-6608.0	858	9.9	101352.0	-6657.0	948	10.0	104436.0	-6629.0	1038	9.8	111854.0	-6626.0
769	10.0	94328.0	-6636.5	859	10.0	101426.0	-6614.0	949	10.0	104456.0	-6615.0	1039	8.5	111858.0	-6619.0
770	10.0	94334.0	-6625.0	860	8.8	101427.0	-6647.5	950	9.5	104517.0	-6653.5	1040	8.3	111916.0	-6653.0
771	9.5	94340.0	-6627.0	861	10.0	101447.0	-6603.0	951	10.0	104611.0	-6605.0	1041	9.7	111920.0	-6607.0
772	9.9	94438.0	-6600.5	862	10.0	101454.0	-6621.5	952	10.1	104644.0	-6655.0	1042	9.8	111931.0	-6627.0
773	10.0	94440.0	-6654.5	863	9.0	101512.0	-6610.0	953	8.0	104656.0	-6609.0	1043	10.0	112021.0	-6633.5
774	9.8	94446.0	-6618.5	864	8.5	101514.0	-6619.5	954	9.9	104657.0	-6610.5	1044	9.5	112057.0	-6616.0
775	10.0	94447.0	-6638.5	865	8.3	101541.0	-6643.0	955	9.7	104727.0	-6611.5	1045	9.0	112110.0	-6623.5
776	10.1	94456.0	-6642.0	866	9.0	101559.0	-6646.0	956	10.0	104745.0	-6648.0	1046	10.1	112122.0	-6623.5
777	8.8	94503.0	-6617.0	867	10.1	101624.0	-6647.0	957	9.2	104825.0	-6651.5	1047	9.9	112210.0	-6657.0
778	9.6	94512.0	-6628.0	868	7.8	101629.0	-6632.5	958	10.0	104826.0	-6632.5	1048	9.3	112256.0	-6655.0
779	10.1	94603.0	-6625.0	869	10.0	101636.0	-6643.5	959	10.0	104833.0	-6619.5	1049	9.6	112301.0	-6634.0
780	10.0	94603.0	-6626.5	870	9.2	101713.0	-6647.0	960	9.6	104849.0	-6631.5	1050	10.0	112305.0	-6620.0
781	9.0	94646.0	-6655.0	871	9.0	101717.0	-6654.0	961	10.2	104856.0	-6655.0	1051	10.0	112308.0	-6603.0
782	8.8	94717.0	-6609.5	872	9.0	101718.0	-6653.5	962	10.0	104902.0	-6648.5	1052	9.8	112322.0	-6618.5
783	9.8	94722.0	-6603.0	873	10.0	101822.0	-6658.5	963	9.2	104923.0	-6609.5	1053	9.3	112355.0	-6632.5
784	8.5	94740.0	-6633.0	874	10.0	101847.0	-6651.5	964	9.0	104941.0	-6641.5	1054	9.6	112413.0	-6602.5
785	10.0	94745.0	-6639.5	875	10.1	101900.0	-6634.0	965	9.2	104950.0	-6637.0	1055	8.2	112420.0	-6623.0
786	10.1	94750.0	-6635.0	876	9.9	101903.0	-6602.5	966	10.1	105003.0	-6655.0	1056	10.1	112438.0	-6630.0
787	10.0	94758.0	-6645.0	877	5.4	101915.0	-6616.0	967	10.0	105038.0	-6601.0	1057	10.0	112441.0	-6603.0
788	9.9	94815.0	-6616.0	878	9.5	101926.0	-6606.0	968	10.0	105056.0	-6631.0	1058	10.0	112517.0	-6610.5
789	9.5	94817.0	-6651.0	879	10.0	101947.0	-6629.0	969	10.0	105107.0	-6637.0	1059	9.2	112527.0	-6653.0
790	8.3	94855.0	-6612.5	880	9.0	101950.0	-6600.5	970	10.0	105158.0	-6607.0	1060	8.5	112543.0	-6644.0
791	8.6	94921.0	-6632.5	881	9.7	102005.0	-6601.5	971	9.8	105225.0	-6637.0	1061	10.0	112554.0	-6616.0
792	10.0	94936.0	-6605.0	882	9.5	102110.0	-6652.0	972	9.9	105230.0	-6601.0	1062	10.0	112558.0	-6621.5
793	10.1	95027.0	-6621.0	883	10.2	102140.0	-6642.0	973	10.0	105236.0	-6635.5	1063	9.2	112635.0	-6621.0
794	10.0	95027.0	-6611.0	884	9.3	102208.0	-6600.5	974	10.0	105241.0	-6654.5	1064	6.6	112649.0	-6616.0
795	10.1	95036.0	-6635.0	885	8.8	102221.0	-6659.0	975	10.0	105352.0	-6615.0	1065	9.9	112712.0	-6654.0
796	10.1	95057.0	-6639.0	886	10.0	102229.0	-6655.0	976	10.0	105404.0	-6639.0	1066	10.2	112725.0	-6605.0
797	8.3	95058.0	-6644.0	887	9.5	102245.0	-6653.0	977	9.6	105416.0	-6654.0	1067	9.9	112730.0	-6618.0
798	9.3	95144.0	-6635.0	888	10.0	102302.0	-6639.0	978	10.0	105435.0	-6623.0	1068	10.0	112734.0	-6628.0
799	10.0	95225.0	-6632.0	889	9.2	102314.0	-6655.0	979	9.9	105446.0	-6648.0	1069	8.3	112745.0	-6622.0
800	10.1	95249.0	-6653.0	890	8.7	102358.0	-6644.0	980	10.1	105524.0	-6657.0	1070	10.0	112752.0	-6643.0
801	9.5	95301.0	-6646.0	891	9.5	102400.0	-6659.0	981	10.0	105557.0	-6647.0	1071	10.1	112755.0	-6642.0
802	9.5	95317.0	-6657.5	892	9.4	102421.0	-6608.0	982	10.1	105603.0	-6646.0	1072	10.1	112812.0	-6647.0
803	10.1	95401.0	-6623.0	893	8.9	102456.0	-6604.0	983	10.0	105617.0	-6611.5	1073	10.0	112937.0	-6614.0
804	10.1	95420.0	-6621.0	894	6.7	102618.0	-6620.5	984	10.1	105623.0	-6641.0	1074	10.0	112942.0	-6614.0
805	10.1	95502.0	-6629.0	895	9.5	102638.0	-6613.5	985	10.0	105630.0	-6629.0	1075	10.0	112945.0	-6656.0
806	8.2	95515.0	-6625.0	896	9.5	102641.0	-6651.5	986	8.3	105640.0	-6656.5	1076	9.7	113006.0	-6653.0
807	10.0	95602.0	-6624.5	897	8.7	102646.0	-6610.0	987	9.8	105710.0	-6634.0	1077	10.0	113012.0	-6600.5
808	9.3	95604.0	-6648.0	898	9.8	102656.0	-6627.0	988	10.0	105715.0	-6614.0	1078	9.9	113021.0	-6640.0
809	10.2	95615.0	-6609.0	899	10.0	102659.0	-6620.0	989	10.0	105719.0	-6612.0	1079	9.8	113022.0	-6604.0
810	9.5	95748.0	-6607.0	900	10.0	102809.0	-6619.0	990	9.0	105755.0	-6637.0	1080	9.5	113037.0	-6607.5
811	10.0	95756.0	-6652.5	901	10.0	103001.0	-6618.5	991	8.4	105818.0	-6627.0	1081	10.0	113042.0	-6607.0
812	9.8	95832.0	-6631.0	902	10.1	103004.0	-6605.5	992	10.0	105836.0	-6658.0	1082	9.8	113044.0	-6603.5
813	9.5	95836.0	-6618.5	903	9.6	103033.0	-6654.5	993	10.0	105914.0	-6637.0	1083	9.5	113050.0	-6626.0
814	9.2	95918.0	-6652.0	904	9.8	103035.0	-6642.5	994	9.7	105930.0	-6607.0	1084	10.0	113056.0	-6645.0
815	9.5	95936.0	-6625.0	905	10.0	103041.0	-6645.5	995	9.5	105942.0	-6608.5	1085	9.9	113059.0	-6649.0
816	10.1	95948.0	-6623.0	906	9.6	103043.0	-6600.5	996	8.5	105954.0	-6613.0	1086	10.0	113107.0	-6655.0
817	10.1	100035.0	-6648.0	907	9.0	103049.0	-6631.0	997	10.2	110022.0	-6656.0	1087	9.2	113108.0	-6656.0
818	10.0	100054.0	-6612.0	908	9.5	103054.0	-6609.0	998	9.8	110048.0	-6616.5	1088	9.2	113134.0	-6643.0

1089	9.9	113136.0	-6649.0	1179	9.9	120704.0	-6643.0	1269	9.9	123407.0	-6602.5	1359	9.6	130135.0	-6619.0
1090	9.7	113140.0	-6653.0	1180	9.3	120706.0	-6611.5	1270	10.0	123415.0	-6633.5	1360	8.5	130148.0	-6604.0
1091	8.7	113140.0	-6612.5	1181	9.8	120713.0	-6608.5	1271	9.7	123418.0	-6605.5	1361	9.2	130158.0	-6653.0
1092	6.7	113212.0	-6655.5	1182	9.7	120722.0	-6611.5	1272	10.0	123433.0	-6648.5	1362	10.0	130203.0	-6648.0
1093	9.5	113251.0	-6617.5	1183	9.8	120749.0	-6633.0	1273	9.8	123454.0	-6642.5	1363	9.5	130216.0	-6613.5
1094	9.7	113336.0	-6657.5	1184	8.3	120756.0	-6657.5	1274	10.0	123517.0	-6632.0	1364	9.2	130250.0	-6654.0
1095	10.0	113422.0	-6638.0	1185	9.6	120814.0	-6614.0	1275	9.5	123542.0	-6642.5	1365	10.0	130257.0	-6606.0
1096	10.0	113435.0	-6602.0	1186	10.1	120826.0	-6653.5	1276	9.2	123551.0	-6600.5	1366	9.9	130301.0	-6631.0
1097	9.7	113720.0	-6656.0	1187	9.7	120848.0	-6602.0	1277	8.5	123618.0	-6654.0	1367	9.5	130301.0	-6620.0
1098	9.5	113721.0	-6603.0	1188	9.5	120900.0	-6641.0	1278	10.0	123625.0	-6653.0	1368	8.7	130320.0	-6648.0
1099	9.6	113732.0	-6621.0	1189	9.1	120935.0	-6648.5	1279	9.9	123626.0	-6638.0	1369	9.1	130335.0	-6647.0
1100	10.0	113740.0	-6629.0	1190	10.1	121001.0	-6658.0	1280	10.2	123702.0	-6638.0	1370	10.0	130356.0	-6603.0
1101	9.9	113810.0	-6641.0	1191	10.0	121031.0	-6640.0	1281	9.5	123736.0	-6607.5	1371	9.5	130357.0	-6600.0
1102	9.0	113839.0	-6636.5	1192	9.5	121043.0	-6637.0	1282	9.5	123749.0	-6657.0	1372	9.6	130428.0	-6625.0
1103	9.0	113925.0	-6631.5	1193	8.6	121049.0	-6616.0	1283	10.1	123758.0	-6635.0	1373	9.4	130449.0	-6640.0
1104	3.8	113944.0	-6602.0	1194	9.0	121104.0	-6659.0	1284	10.0	123759.0	-6611.0	1374	10.0	130509.0	-6614.0
1105	9.9	114003.0	-6640.0	1195	9.3	121129.0	-6634.0	1285	9.1	123759.0	-6656.0	1375	10.0	130537.0	-6608.0
1106	9.0	114035.0	-6610.0	1196	10.0	121133.0	-6632.0	1286	10.0	123809.0	-6635.5	1376	10.0	130539.0	-6603.0
1107	9.5	114101.0	-6610.5	1197	10.0	121138.0	-6633.0	1287	10.2	123821.0	-6629.0	1377	10.0	130648.0	-6624.0
1108	8.7	114121.0	-6656.0	1198	9.5	121242.0	-6649.5	1288	10.0	123827.0	-6655.0	1378	10.1	130655.0	-6632.0
1109	10.0	114123.0	-6621.0	1199	9.3	121300.0	-6619.0	1289	9.9	123847.0	-6651.0	1379	9.6	130702.0	-6620.5
1110	10.0	114125.0	-6657.0	1200	9.0	121313.0	-6620.0	1290	8.5	123853.0	-6608.0	1380	9.8	130711.0	-6600.5
1111	9.3	114126.0	-6659.5	1201	9.6	121317.0	-6631.0	1291	9.2	123909.0	-6621.0	1381	10.0	130756.0	-6658.0
1112	10.1	114143.0	-6603.0	1202	10.0	121320.0	-6616.0	1292	10.0	123915.0	-6630.0	1382	10.0	130807.0	-6634.0
1113	7.2	114145.0	-6659.5	1203	9.8	121354.0	-6648.0	1293	10.0	123950.0	-6605.0	1383	10.1	130808.0	-6646.5
1114	5.3	114217.0	-6607.5	1204	8.5	121358.0	-6651.0	1294	10.2	123953.0	-6611.0	1384	10.0	130821.0	-6615.5
1115	9.3	114229.0	-6617.5	1205	9.5	121403.0	-6649.0	1295	5.8	123957.0	-6657.5	1385	5.5	130847.0	-6607.5
1116	9.0	114329.0	-6647.0	1206	8.7	121418.0	-6656.0	1296	7.6	124042.0	-6627.0	1386	9.9	130855.0	-6646.0
1117	9.6	114339.0	-6624.0	1207	10.1	121425.0	-6631.5	1297	9.5	124044.0	-6604.5	1387	9.1	130855.0	-6656.0
1118	9.2	114351.0	-6648.5	1208	5.8	121513.0	-6649.5	1298	8.5	124049.0	-6640.0	1388	8.5	130911.0	-6617.5
1119	10.0	114410.0	-6628.0	1209	8.9	121521.0	-6634.5	1299	9.0	124302.0	-6644.5	1389	8.7	130930.0	-6646.5
1120	10.0	114420.0	-6643.5	1210	10.2	121545.0	-6612.0	1300	10.0	124317.0	-6658.0	1390	9.9	130946.0	-6647.5
1121	10.0	114421.0	-6618.0	1211	9.7	121550.0	-6636.0	1301	9.3	124342.0	-6610.5	1391	10.0	131009.0	-6611.0
1122	9.7	114452.0	-6648.0	1212	7.0	121632.0	-6657.0	1302	10.0	124351.0	-6653.0	1392	9.0	131031.0	-6643.5
1123	10.1	114540.0	-6640.0	1213	8.9	121654.0	-6604.5	1303	8.6	124403.0	-6610.5	1393	9.2	131040.0	-6657.5
1124	9.8	114546.0	-6648.0	1214	10.0	121724.0	-6651.0	1304	9.4	124423.0	-6630.0	1394	10.0	131109.0	-6608.0
1125	9.5	114557.0	-6606.0	1215	8.8	121725.0	-6622.0	1305	9.4	124518.0	-6637.5	1395	7.7	131114.0	-6642.5
1126	10.1	114606.0	-6627.0	1216	7.7	121748.0	-6656.5	1306	9.5	124539.0	-6614.0	1396	10.0	131136.0	-6624.0
1127	10.1	114629.0	-6637.5	1217	9.2	121804.0	-6622.5	1307	10.0	124541.0	-6629.0	1397	9.8	131213.0	-6650.5
1128	9.6	114632.0	-6604.5	1218	10.2	121911.0	-6642.5	1308	9.5	124552.0	-6643.0	1398	7.5	131253.0	-6653.0
1129	9.5	114706.0	-6640.5	1219	10.2	121913.0	-6641.5	1309	9.7	124559.0	-6612.0	1399	9.6	131329.0	-6643.0
1130	9.9	114711.0	-6608.5	1220	10.0	122003.0	-6604.5	1310	9.3	124610.0	-6640.0	1400	10.1	131329.0	-6638.0
1131	9.5	114730.0	-6645.5	1221	10.0	122004.0	-6611.0	1311	9.8	124615.0	-6600.0	1401	9.8	131436.0	-6619.0
1132	8.5	114739.0	-6657.0	1222	10.0	122008.0	-6629.0	1312	10.0	124709.0	-6625.0	1402	9.4	131510.0	-6647.0
1133	9.8	114740.0	-6629.0	1223	9.2	122025.0	-6615.5	1313	9.8	124710.0	-6628.0	1403	9.5	131524.0	-6612.0
1134	8.2	114800.0	-6658.5	1224	9.5	122104.0	-6656.5	1314	9.6	124740.0	-6650.0	1404	8.2	131537.0	-6639.5
1135	8.9	114801.0	-6620.0	1225	9.6	122120.0	-6639.5	1315	9.8	124811.0	-6636.0	1405	9.4	131538.0	-6638.0
1136	8.7	114821.0	-6645.5	1226	9.8	122125.0	-6621.0	1316	9.1	124819.0	-6616.5	1406	9.8	131557.0	-6600.5
1137	9.6	114908.0	-6610.5	1227	10.0	122126.0	-6613.0	1317	9.3	124819.0	-6606.5	1407	9.8	131618.0	-6637.5
1138	9.9	114933.0	-6646.5	1228	10.0	122127.0	-6634.0	1318	9.0	124823.0	-6651.5	1408	9.5	131620.0	-6639.5
1139	10.0	115020.0	-6604.0	1229	9.8	122136.0	-6619.0	1319	9.0	124844.0	-6656.5	1409	9.9	131658.0	-6603.5
1140	10.0	115030.0	-6621.0	1230	8.6	122153.0	-6658.0	1320	9.2	124846.0	-6652.0	1410	9.5	131700.0	-6635.0
1141	10.0	115034.0	-6623.0	1231	9.9	122158.0	-6613.0	1321	9.8	124913.0	-6603.0	1411	9.5	131732.0	-6605.5
1142	10.0	115108.0	-6609.0	1232	9.8	122211.0	-6642.0	1322	8.5	124927.0	-6632.0	1412	10.0	131805.0	-6631.0
1143	10.0	115134.0	-6614.0	1233	10.0	122220.0	-6639.0	1323	9.5	124940.0	-6629.0	1413	7.8	131830.0	-6622.0
1144	9.5	115153.0	-6624.0	1234	8.0	122223.0	-6609.5	1324	9.6	125001.0	-6649.5	1414	10.0	131917.0	-6646.5
1145	10.0	115230.0	-6654.0	1235	9.9	122229.0	-6630.0	1325	10.0	125019.0	-6632.5	1415	9.5	131943.0	-6611.0
1146	9.7	115319.0	-6609.0	1236	9.7	122230.0	-6601.0	1326	10.0	125019.0	-6630.0	1416	8.1	131946.0	-6606.0
1147	10.2	115325.0	-6614.0	1237	9.7	122355.0	-6658.5	1327	9.9	125024.0	-6641.0	1417	9.7	131954.0	-6604.0
1148	10.2	115339.0	-6611.0	1238	10.0	122439.0	-6631.5	1328	9.9	125030.0	-6642.0	1418	10.0	132001.0	-6649.0
1149	9.2	115354.0	-6622.0	1239	10.0	122532.0	-6639.5	1329	9.0	125032.0	-6647.5	1419	8.9	132011.0	-6619.0
1150	9.0	115438.0	-6612.0	1240	9.3	122550.0	-6600.0	1330	10.0	125113.0	-6621.5	1420	9.9	132101.0	-6642.0
1151	10.0	115517.0	-6622.0	1241	10.0	122601.0	-6632.0	1331	9.8	125119.0	-6632.0	1421	9.3	132127.0	-6623.0
1152	10.0	115545.0	-6631.5	1242	10.0	122641.0	-6632.5	1332	8.7	125126.0	-6637.0	1422	10.1	132151.0	-6628.0
1153	10.1	115552.0	-6622.5	1243	9.7	122652.0	-6650.5	1333	8.5	125130.0	-6656.0	1423	9.8	132211.0	-6641.0
1154	9.6	115601.0	-6611.5	1244	10.0	122658.0	-6658.5	1334	10.0	125215.0	-6644.0	1424	10.0	132230.0	-6625.0
1155	9.6	115609.0	-6607.0	1245	9.8	122729.0	-6645.0	1335	8.3	125219.0	-6610.0	1425	9.5	132254.0	-6646.5
1156	10.1	115648.0	-6602.0	1246	9.9	122758.0	-6657.5	1336	9.3	125309.0	-6656.0	1426	10.0	132302.0	-6642.5
1157	8.8	115803.0	-6606.5	1247	9.6	122801.0	-6606.5	1337	9.7	125313.0	-6651.0	1427	8.7	132308.0	-6655.5
1158	9.0	115808.0	-6621.5	1248	8.5	122817.0	-6614.5	1338	9.5	125329.0	-6607.5	1428	10.0	132329.0	-6649.0
1159	10.0	115810.0	-6657.0	1249	9.4	122818.0	-6658.5	1339	9.8	125356.0	-6636.5	1429	9.2	132329.0	-6656.5
1160	10.0	115813.0	-6622.0	1250	9.2	122835.0	-6651.0	1340	9.2	125416.0	-6602.0	1430	10.0	132410.0	-6602.0
1161	9.9	115820.0	-6602.0	1251	7.5	122906.0	-6629.0	1341	8.5	125422.0	-6646.0	1431	10.0	132421.0	-6650.5
1162	9.6	115841.0	-6625.5	1252	8.5	122907.0	-6637.0	1342	9.5	125424.0	-6606.0	1432	8.0	132453.0	-6605.5
1163	10.0	115853.0	-6619.5	1253	9.8	122920.0	-6622.0	1343	10.0	125425.0	-6627.0	1433	9.5	132511.0	-6615.5
1164	9.3	115855.0	-6632.5	1254	8.5	122922.0	-6632.0	1344	10.2	125554.0	-6644.5	1434	10.0	132530.0	-6627.5
1165	9.9	115952.0	-6639.5	1255	9.3	122933.0	-6626.0	1345	9.2	125640.0	-6610.5	1435	10.0	132543.0	-6622.5
1166	9.5	120035.0	-6631.5	1256	10.0	123019.0	-6635.0	1346	9.8	125653.0	-6657.0	1436	9.4	132610.0	-6639.0
1167	10.2	120041.0	-6644.0	1257	9.3	123028.0	-6623.5	1347	9.8	125746.0	-6633.0	1437	9.9	132624.0	-6635.0
1168	8.9	120138.0	-6617.5	1258	9.8	123036.0	-6613.5	1348	9.2	125803.0	-6623.0	1438	9.8	132649.0	-6658.0
1169	10.0	120146.0	-6615.0	1259	9.9	123043.0	-6621.0	1349	9.4	125805.0	-6605.0	1439	9.8	132742.0	-6642.0
1170	7.8	120305.0	-6645.5	1260	8.4	123125.0	-6600.5	1350	9.3	125811.0	-6656.0	1440	9.7	132906.0	-6624.0
1171	9.4	120313.0	-6602.0	1261	9.9	123127.0	-6611.0	1351	9.6	125817.0	-6625.0	1441	10.0	132916.0	-6646.0
1172	9.5	120319.0	-6644.0	1262	6.9	123127.0	-6630.5	1352	10.0	125826.0	-6606.0	1442	10.0	132945.0	-6621.0
1173	9.8	120320.0	-6601.0	1263	10.0	123204.0	-6606.0	1353	9.2	125830.0	-6610.5	1443	9.2	132954.0	-6602.0
1174	8.8	120351.0	-6629.0	1264	8.5	123225.0	-6621.0	1354	8.8	125857.0	-6617.5	1444	9.5	132957.0	-6630.5
1175	8.8	120517.0	-6600.0	1265	9.8	123308.0	-6648.0	1355	10.0	125923.0	-6610.5	1445	9.9	132958.0	-6621.5
1176	10.1	120543.0	-6649.0	1266	10.0	123329.0	-6654.0	1356	9.2	125936.0	-6633.5	1446	9.7	133046.0	-6603.5
1177	9.3	120553.0	-6655.0	1267	9.8	123340.0	-6608.0	1357	9.8	130032.0	-6620.0	1447	10.0	133055.0	-6639.5
1178	8.5	120639.0	-6658.5	1268	8.9	123405.0	-6617.0	1358	10.0	130053.0	-6624.0	1448	9.5	133119.0	-6617.5

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1449	10.1	133121.0	-6614.5	1539	9.4	140328.0	-6606.0	1629	10.0	143157.0	-6611.5
1450	9.5	133133.0	-6639.5	1540	9.5	140331.0	-6640.0	1630	8.7	143255.0	-6614.5
1451	10.0	133216.0	-6636.0	1541	9.2	140342.0	-6622.0	1631	10.0	143317.0	-6610.5
1452	10.0	133255.0	-6634.0	1542	10.0	140422.0	-6648.5	1632	8.5	143336.0	-6652.0
1453	9.3	133309.0	-6615.0	1543	10.0	140444.0	-6641.5	1633	10.0	143341.0	-6605.0
1454	10.1	133326.0	-6611.5	1544	10.0	140459.0	-6649.5	1634	9.8	143342.0	-6613.0
1455	9.5	133340.0	-6647.5	1545	9.9	140612.0	-6622.0	1635	9.8	143421.0	-6633.5
1456	10.2	133341.0	-6609.5	1546	9.4	140621.0	-6619.0	1636	9.8	143453.0	-6623.5
1457	8.5	133358.0	-6650.0	1547	10.0	140634.0	-6635.0	1637	9.9	143550.0	-6605.0
1458	9.2	133410.0	-6646.0	1548	10.0	140637.0	-6636.0	1638	10.2	143558.0	-6604.0
1459	10.0	133508.0	-6655.0	1549	6.2	140650.0	-6600.0	1639	10.0	143623.0	-6654.0
1460	8.5	133530.0	-6611.0	1550	9.0	140651.0	-6635.0	1640	9.0	143710.0	-6622.0
1461	7.5	133614.0	-6608.0	1551	9.3	140713.0	-6633.0	1641	10.0	143715.0	-6605.5
1462	10.0	133646.0	-6652.0	1552	9.9	140718.0	-6627.5	1642	9.5	143723.0	-6608.5
1463	9.4	133741.0	-6607.5	1553	10.0	140728.0	-6605.5	1643	9.6	143725.0	-6600.5
1464	10.0	133810.0	-6649.5	1554	9.9	140737.0	-6633.0	1644	9.6	143752.0	-6609.5
1465	9.7	133823.0	-6653.5	1555	9.8	140746.0	-6621.0	1645	8.0	143800.0	-6600.0
1466	9.7	133827.0	-6659.5	1556	9.5	140751.0	-6659.5	1646	9.2	143801.0	-6603.0
1467	9.2	133852.0	-6648.5	1557	10.0	140851.0	-6653.5	1647	6.1	143811.0	-6604.0
1468	9.4	133912.0	-6650.0	1558	10.0	140904.0	-6607.0	1648	8.5	143817.0	-6603.5
1469	10.2	133934.0	-6649.0	1559	8.5	140940.0	-6613.5	1649	9.4	143817.0	-6619.0
1470	9.5	133943.0	-6641.0	1560	9.9	141005.0	-6611.5	1650	7.8	143845.0	-6642.0
1471	10.0	134008.0	-6642.0	1561	9.3	141035.0	-6633.0	1651	9.9	143910.0	-6620.0
1472	8.9	134017.0	-6622.0	1562	10.1	141036.0	-6636.0	1652	10.1	143928.0	-6619.5
1473	8.8	134037.0	-6626.0	1563	9.0	141144.0	-6609.0	1653	7.5	143945.0	-6658.5
1474	10.0	134040.0	-6636.0	1564	10.0	141201.0	-6638.5	1654	8.9	144018.0	-6600.0
1475	8.6	134103.0	-6612.5	1565	9.0	141211.0	-6633.0	1655	10.0	144021.0	-6602.0
1476	10.0	134105.0	-6635.0	1566	8.7	141234.0	-6633.5	1656	8.4	144120.0	-6633.0
1477	10.0	134108.0	-6641.0	1567	9.6	141236.0	-6641.5	1657	9.2	144135.0	-6652.0
1478	9.9	134116.0	-6643.0	1568	9.4	141246.0	-6600.5	1658	9.5	144229.0	-6605.5
1479	9.2	134140.0	-6605.0	1569	9.7	141310.0	-6614.0	1659	8.8	144236.0	-6602.5
1480	9.0	134150.0	-6612.0	1570	9.1	141320.0	-6603.0	1660	10.0	144240.0	-6633.5
1481	10.0	134255.0	-6601.5	1571	6.7	141330.0	-6604.0	1661	10.0	144305.0	-6619.0
1482	9.3	134415.0	-6603.5	1572	9.9	141347.0	-6607.0	1662	10.0	144315.0	-6649.0
1483	9.3	134430.0	-6610.0	1573	10.0	141416.0	-6653.0	1663	10.0	144316.0	-6603.0
1484	9.5	134445.0	-6630.0	1574	9.4	141528.0	-6657.0	1664	9.9	144329.0	-6648.5
1485	8.0	134516.0	-6617.0	1575	9.9	141541.0	-6604.0	1665	10.2	144408.0	-6602.5
1486	9.5	134520.0	-6616.5	1576	8.5	141553.0	-6655.5	1666	10.0	144430.0	-6620.5
1487	10.0	134540.0	-6638.5	1577	8.8	141635.0	-6651.0	1667	9.7	144433.0	-6607.5
1488	9.5	134632.0	-6604.5	1578	9.8	141648.0	-6646.0	1668	8.5	144442.0	-6609.0
1489	9.5	134637.0	-6633.5	1579	10.0	141704.0	-6621.0	1669	10.0	144510.0	-6620.0
1490	10.0	134713.0	-6641.5	1580	6.8	141708.0	-6600.0	1670	10.0	144520.0	-6602.0
1491	9.8	134729.0	-6628.5	1581	9.5	141720.0	-6631.0	1671	9.4	144558.0	-6649.0
1492	9.7	134804.0	-6612.0	1582	10.0	141758.0	-6635.5	1672	7.9	144627.0	-6622.0
1493	10.0	134805.0	-6606.0	1583	10.0	141806.0	-6654.0	1673	10.0	144658.0	-6631.0
1494	9.7	134831.0	-6638.0	1584	10.0	141831.0	-6658.0	1674	9.8	144714.0	-6641.0
1495	10.1	134920.0	-6644.0	1585	9.0	141831.0	-6632.0	1675	9.8	144732.0	-6646.0
1496	7.7	135001.0	-6605.5	1586	9.2	141839.0	-6609.5	1676	9.8	144750.0	-6634.5
1497	9.8	135012.0	-6652.5	1587	9.6	141843.0	-6620.5	1677	10.0	144816.0	-6632.0
1498	9.8	135017.0	-6626.5	1588	9.2	142010.0	-6633.5	1678	9.6	144907.0	-6652.5
1499	10.0	135018.0	-6610.0	1589	10.1	142026.0	-6617.5	1679	10.0	145040.0	-6638.5
1500	7.8	135034.0	-6640.0	1590	9.2	142036.0	-6646.5	1680	8.8	145042.0	-6636.5
1501	8.0	135041.0	-6653.5	1591	10.0	142045.0	-6648.0	1681	9.2	145054.0	-6654.5
1502	10.0	135103.0	-6656.0	1592	9.6	142058.0	-6626.5	1682	10.0	145128.0	-6601.0
1503	8.5	135156.0	-6612.5	1593	9.7	142154.0	-6607.0	1683	10.0	145135.0	-6606.5
1504	9.0	135234.0	-6634.5	1594	9.4	142158.0	-6600.0	1684	10.0	145138.0	-6616.0
1505	8.8	135239.0	-6624.5	1595	10.0	142250.0	-6605.5	1685	9.3	145143.0	-6648.5
1506	9.8	135240.0	-6600.0	1596	8.3	142256.0	-6638.0	1686	9.7	145153.0	-6655.0
1507	10.1	135245.0	-6642.5	1597	9.2	142324.0	-6633.5	1687	10.0	145248.0	-6645.5
1508	8.0	135246.0	-6655.5	1598	9.0	142330.0	-6631.5	1688	9.4	145254.0	-6619.0
1509	9.8	135253.0	-6642.0	1599	9.5	142331.0	-6601.5	1689	10.0	145313.0	-6618.0
1510	8.2	135253.0	-6611.0	1600	8.0	142503.0	-6653.0	1690	9.8	145321.0	-6637.0
1511	9.5	135259.0	-6642.0	1601	10.0	142513.0	-6659.0	1691	9.5	145356.0	-6645.0
1512	10.0	135342.0	-6602.0	1602	9.1	142522.0	-6609.5	1692	9.3	145357.0	-6601.5
1513	10.2	135348.0	-6639.0	1603	9.6	142541.0	-6604.0	1693	8.5	145439.0	-6620.5
1514	10.1	135352.0	-6623.0	1604	10.0	142546.0	-6611.0	1694	10.1	145518.0	-6618.5
1515	9.8	135359.0	-6654.0	1605	8.5	142548.0	-6628.0	1695	10.1	145518.0	-6633.5
1516	7.8	135404.0	-6608.0	1606	9.0	142623.0	-6608.0	1696	9.9	145619.0	-6658.0
1517	9.7	135458.0	-6651.5	1607	9.8	142634.0	-6614.0	1697	9.5	145638.0	-6634.0
1518	20.0	135536.0	-6649.5	1608	9.5	142637.0	-6605.0	1698	10.0	145655.0	-6618.0
1519	10.1	135558.0	-6649.0	1609	9.5	142656.0	-6627.0	1699	9.4	145719.0	-6624.0
1520	10.0	135615.0	-6642.0	1610	9.8	142657.0	-6612.0	1700	8.5	145732.0	-6658.5
1521	10.0	135624.0	-6640.5	1611	9.8	142702.0	-6617.5	1701	8.2	145751.0	-6606.5
1522	9.8	135626.0	-6653.0	1612	9.9	142705.0	-6654.5	1702	10.0	145817.0	-6649.5
1523	10.0	135646.0	-6600.0	1613	10.0	142712.0	-6626.0	1703	6.3	145827.0	-6636.0
1524	9.9	135720.0	-6656.0	1614	8.5	142732.0	-6647.0	1704	10.0	145850.0	-6611.0
1525	10.0	135721.0	-6650.0	1615	9.0	142735.0	-6633.0	1705	10.0	145903.0	-6614.0
1526	9.8	135753.0	-6649.0	1616	10.0	142910.0	-6611.0	1706	9.8	145908.0	-6646.0
1527	9.3	135823.0	-6627.5	1617	10.2	142914.0	-6637.0	1707	10.0	145938.0	-6601.0
1528	10.1	135856.0	-6603.5	1618	9.7	142916.0	-6615.0	1708	9.8	145941.0	-6637.0
1529	9.5	135933.0	-6607.5	1619	8.8	142959.0	-6616.5	1709	8.7	145944.0	-6623.5
1530	9.2	135939.0	-6630.0	1620	9.3	143010.0	-6603.5	1710	9.9	145950.0	-6605.0
1531	9.5	135954.0	-6649.5	1621	7.8	143022.0	-6624.5	1711	10.0	150048.0	-6632.0
1532	8.5	140051.0	-6600.0	1622	10.0	143027.0	-6603.0	1712	9.8	150103.0	-6639.0
1533	9.3	140054.0	-6605.0	1623	9.3	143036.0	-6658.0	1713	9.5	150138.0	-6652.0
1534	10.0	140141.0	-6603.0	1624	9.8	143036.0	-6657.0	1714	10.0	150143.0	-6625.0
1535	9.9	140146.0	-6632.0	1625	9.2	143049.0	-6632.5	1715	8.8	150200.0	-6654.0
1536	10.2	140150.0	-6643.0	1626	9.7	143056.0	-6603.5	1716	9.9	150203.0	-6636.0
1537	10.0	140257.0	-6627.0	1627	9.8	143106.0	-6615.0	1717	10.0	150205.0	-6643.0
1538	10.0	140320.0	-6634.0	1628	9.7	143128.0	-6655.0	1718	10.0	150333.0	-6619.0

-66 1808 15h37m

1719	8.5	150354.0	-6625.0	1729	9.3	150847.0	-6641.0	1739	9.9	151222.0	-6649.5
1720	9.9	150456.0	-6629.0	1730	9.5	150852.0	-6606.0	1740	9.4	151301.0	-6610.5
1721	9.5	150611.0	-6607.5	1731	9.9	150907.0	-6605.0	1741	9.9	151326.0	-6634.0
1722	9.7	150615.0	-6607.8	1732	10.0	151032.0	-6629.0	1742	8.5	151333.0	-6633.0
1723	9.8	150630.0	-6604.5	1733	9.5	151047.0	-6656.5	1743	10.0	151355.0	-6606.0
1724	8.8	150743.0	-6633.0	1734	7.9	151115.0	-6608.5	1744	9.8	151403.0	-6645.0
1725	9.9	150754.0	-6604.0	1735	9.0	151135.0	-6654.0	1745	9.4	151435.0	-6625.0
1726	9.5	150758.0	-6638.0	1736	9.5	151152.0	-6636.0	1746	10.0	151444.0	-6640.0
1727	8.5	150830.0	-6644.0	1737	9.5	151158.0	-6652.0	1747	9.5	151501.0	-6658.0
1728	7.0	150836.0	-6602.0	1738	9.5	151210.0	-6652.5	1748	9.7	151658.0	-6624.0
1749	9.8	151735.0	-6603.0	1759	9.3	152136.0	-6601.5	1769	9.4	152517.0	-6607.5
1750	10.0	151740.0	-6623.0	1760	7.8	152200.0	-6654.5	1770	9.7	152520.0	-6652.5
1751	10.0	151816.0	-6604.0	1761	9.4	152216.0	-6656.5	1771	9.3	152613.0	-6640.5
1752	9.9	151817.0	-6645.0	1762	9.9	152226.0	-6606.5	1772	9.9	152616.0	-6644.0
1753	9.8	151831.0	-6635.0	1763	8.5	152231.0	-6630.5	1773	10.0	152620.0	-6640.5
1754	10.0	151852.0	-6619.5	1764	10.0	152304.0	-6601.5	1774	9.8	152626.0	-6607.5
1755	9.4	152033.0	-6642.0	1765	10.0	152326.0	-6659.0	1775	10.0	152720.0	-6612.0
1756	9.2	152050.0	-6611.5	1766	10.1	152440.0	-6615.0	1776	10.0	152737.0	-6641.0
1757	9.3	152057.0	-6658.5	1767	6.8	152502.0	-6608.0	1777	8.6	152755.0	-6605.0
1758	9.7	152130.0	-6625.0	1768	10.0	152513.0	-6659.5	1778	9.8	152805.0	-6616.5
1779	10.0	152833.0	-6654.0	1789	10.1	153231.0	-6659.5				
1780	9.3	152849.0	-6608.0	1790	8.5	153257.0	-6640.0				
1781	8.9	152905.0	-6623.5	1791	9.4	153301.0	-6627.0				
1782	9.6	152909.0	-6636.5	1792	10.0	153317.0	-6607.0				
1783	9.6	152958.0	-6611.0	1793	8.5	153320.0	-6628.0				
1784	10.0	153034.0	-6620.5	1794	9.7	153323.0	-6636.0				
1785	8.9	153044.0	-6626.5	1795	9.7	153411.0	-6603.0				
1786	10.0	153151.0	-6628.5	1796	9.8	153511.0	-6635.5				
1787	9.8	153218.0	-6620.0	1797	10.0	153516.0	-6627.5				
1788	8.3	153218.0	-6607.0	1798	10.0	153548.0	-6658.0				
1799	10.0	153549.0	-6609.0								
1800	9.8	153614.0	-6627.0								
1801	9.7	153630.0	-6656.0								
1802	9.2	153701.0	-6635.5								
1803	9.0	153705.0	-6646.5								
1804	9.8	153713.0	-6640.5								
1805	10.0	153715.0	-6642.5								
1806	9.5	153742.0	-6611.5								
1807	9.9	153756.0	-6658.5								
1808	8.8	153757.0	-6647.5								

-66 1809 15h38m

-66 2168 17h52m

1809	9.2	153811.0	-6606.5	1899	9.3	160209.0	-6621.0	1989	8.7	163320.0	-6647.0
1810	9.7	153845.0	-6633.0	1900	9.8	160234.0	-6659.0	1990	10.0	163359.0	-6638.0
1811	10.2	153858.0	-6608.5	1901	9.6	160243.0	-6640.0	1991	5.6	163408.0	-6652.0
1812	10.0	153913.0	-6658.5	1902	10.0	160324.0	-6640.5	1992	9.5	163426.0	-6604.0
1813	10.1	153924.0	-6643.5	1903	9.9	160346.0	-6627.0	1993	8.5	163430.0	-6634.5
1814	10.0	153952.0	-6653.5	1904	10.0	160350.0	-6629.0	1994	9.0	163448.0	-6638.5
1815	9.7	154015.0	-6640.5	1905	10.0	160353.0	-6625.0	1995	10.0	163526.0	-6609.5
1816	8.9	154114.0	-6615.5	1906	10.0	160354.0	-6649.5	1996	9.5	163557.0	-6633.0
1817	10.0	154121.0	-6619.5	1907	8.7	160458.0	-6655.5	1997	7.2	163609.0	-6651.0
1818	9.8	154132.0	-6604.0	1908	8.9	160520.0	-6601.5	1998	10.0	163708.0	-6657.0
1819	9.4	154139.0	-6608.5	1909	10.0	160541.0	-6601.3	1999	7.9	163734.0	-6648.0
1820	9.9	154146.0	-6642.0	1910	9.9	160610.0	-6610.5	2000	9.7	163758.0	-6648.5
1821	10.0	154220.0	-6622.0	1911	8.8	160635.0	-6648.0	2001	9.3	163836.0	-6633.5
1822	10.0	154250.0	-6632.0	1912	9.0	160714.0	-6631.0	2002	9.5	163839.0	-6628.5
1823	10.0	154311.0	-6635.0	1913	9.5	160820.0	-6614.5	2003	9.7	163842.0	-6632.5
1824	10.0	154330.0	-6631.0	1914	9.1	160911.0	-6629.5	2004	9.9	163913.0	-6611.0
1825	10.1	154402.0	-6624.0	1915	9.5	160920.0	-6600.0	2005	10.2	163934.0	-6652.0
1826	9.8	154408.0	-6620.0	1916	9.6	160928.0	-6643.0	2006	9.8	164033.0	-6640.0
1827	9.2	154429.0	-6628.5	1917	9.5	160933.0	-6614.5	2007	9.3	164035.0	-6625.0
1828	9.9	154432.0	-6655.0	1918	9.5	160954.0	-6658.0	2008	9.9	164050.0	-6622.0
1829	9.5	154435.0	-6603.0	1919	9.6	160957.0	-6613.0	2009	9.7	164135.0	-6658.0
1830	10.1	154504.0	-6648.0	1920	9.9	161026.0	-6641.0	2010	9.6	164136.0	-6614.0
1831	9.5	154508.0	-6638.0	1921	10.1	161026.0	-6634.0	2011	10.1	164151.0	-6620.0
1832	8.0	154544.0	-6646.0	1922	9.7	161034.0	-6614.0	2012	8.7	164152.0	-6631.0
1833	9.4	154553.0	-6630.0	1923	10.0	161041.0	-6603.0	2013	9.7	164157.0	-6649.5
1834	10.2	154603.0	-6615.5	1924	6.9	161042.0	-6635.0	2014	8.5	164205.0	-6632.0
1835	10.0	154635.0	-6656.0	1925	9.4	161051.0	-6635.5	2015	9.5	164205.0	-6617.0
1836	10.0	154644.0	-6627.0	1926	9.9	161130.0	-6650.0	2016	9.9	164221.0	-6636.5
1837	9.9	154715.0	-6621.0	1927	9.7	161134.0	-6624.5	2017	9.3	164241.0	-6605.5
1838	9.8	154720.0	-6613.0	1928	10.0	161204.0	-6633.5	2018	8.5	164255.0	-6653.5
1839	9.8	154727.0	-6654.0	1929	10.0	161211.0	-6613.0	2019	8.2	164406.0	-6657.5
1840	9.3	154741.0	-6641.0	1930	9.9	161248.0	-6650.0	2020	9.2	164455.0	-6646.0
1841	9.0	154749.0	-6618.5	1931	9.2	161308.0	-6610.0	2021	10.0	164503.0	-6600.5
1842	10.0	154811.0	-6658.0	1932	9.2	161311.0	-6645.0	2022	9.1	164530.0	-6638.5
1843	9.9	154833.0	-6642.0	1933	8.9	161330.0	-6624.0	2023	9.4	164533.0	-6657.5
1844	9.7	154857.0	-6658.5	1934	9.7	161401.0	-6612.5	2024	8.5	164550.0	-6650.5
1845	10.0	154900.0	-6629.0	1935	10.0	161432.0	-6653.0	2025	9.2	164550.0	-6618.0
1846	9.6	154920.0	-6649.0	1936	9.8	161435.0	-6658.0	2026	9.3	164556.0	-6626.5
1847	7.3	154932.0	-6629.5	1937	8.5	161522.0	-6603.0	2027	10.0	164639.0	-6640.0
1848	10.0	154943.0	-6619.5	1938	9.6	161536.0	-6617.0	2028	10.1	164647.0	-6631.0
1849	10.0	154947.0	-6639.0	1939	9.1	161545.0	-6605.0	2029	9.2	164718.0	-6601.5
1850	10.1	154958.0	-6633.5	1940	9.9	161546.0	-6628.0	2030	9.5	164722.0	-6606.5
1851	9.5	155009.0	-6603.5	1941	10.0	161612.0	-6644.5	2031	10.0	164814.0	-6634.5
1852	9.7	155026.0	-6658.0	1942	10.0	161621.0	-6659.0	2032	10.0	164816.0	-6640.0
1853	9.4	155037.0	-6646.0	1943	9.7	161632.0	-6603.0	2033	8.3	164830.0	-6619.0
1854	8.7	155048.0	-6601.0	1944	9.6	161701.0	-6654.5	2034	10.1	164843.0	-6643.0
1855	10.0	155053.0	-6614.5	1945	9.5	161736.0	-6635.0	2035	9.5	164904.0	-6652.0
1856	9.0	155053.0	-6612.0	1946	9.8	161741.0	-6630.0	2036	9.1	164930.0	-6614.0
1857	10.0	155113.0	-6629.0	1947	9.7	161747.0	-6653.0	2037	9.8	164936.0	-6623.0
1858	7.7	155130.0	-6616.0	1948	9.5	161747.0	-6635.5	2038	8.8	164950.0	-6644.0
1859	9.5	155131.0	-6639.5	1949	10.0	161837.0	-6628.5	2039	9.5	164956.0	-6605.0
1860	10.1	155145.0	-6624.0	1950	9.8	161841.0	-6630.5	2040	9.6	165006.0	-6637.0
1861	10.1	155155.0	-6606.5	1951	9.2	161843.0	-6626.5	2041	10.0	165141.0	-6636.0
1862	9.6	155220.0	-6640.0	1952	9.2	161915.0	-6645.0	2042	10.0	165204.0	-6634.0
1863	9.8	155256.0	-6635.0	1953	9.3	161921.0	-6656.0	2043	9.1	165220.0	-6629.0
1864	10.0	155301.0	-6610.0	1954	9.5	161955.0	-6644.5	2044	9.8	165309.0	-6615.5
1865	8.5	155302.0	-6605.5	1955	9.4	162036.0	-6635.0	2045	9.2	165326.0	-6632.0
1866	9.6	155327.0	-6639.0	1956	10.1	162120.0	-6646.0	2046	9.9	165343.0	-6648.0
1867	10.0	155357.0	-6634.0	1957	9.3	162138.0	-6606.0	2047	9.5	165402.0	-6613.0
1868	10.0	155358.0	-6650.0	1958	9.7	162259.0	-6640.0	2048	8.7	165508.0	-6637.0
1869	9.9	155412.0	-6652.0	1959	9.5	162302.0	-6651.0	2049	10.1	165602.0	-6644.0
1870	9.7	155430.0	-6652.0	1960	10.0	162312.0	-6609.0	2050	9.0	165610.0	-6654.0
1871	10.0	155433.0	-6612.0	1961	8.5	162318.0	-6651.5	2051	9.9	165629.0	-6631.0
1872	9.5	155530.0	-6641.0	1962	7.0	162408.0	-6644.5	2052	8.5	165633.0	-6638.0
1873	10.1	155543.0	-6614.5	1963	9.5	162420.0	-6616.5	2053	9.2	165651.0	-6613.0
1874	8.2	155545.0	-6655.5	1964	7.3	162420.0	-6643.5	2054	10.0	165703.0	-6621.5
1875	10.0	155555.0	-6602.5	1965	8.8	162440.0	-6643.0	2055	9.6	165728.0	-6646.5
1876	10.0	155555.0	-6648.0	1966	10.1	162520.0	-6658.5	2056	9.5	165744.0	-6656.0
1877	8.7	155623.0	-6659.0	1967	9.8	162529.0	-6611.5	2057	10.0	165816.0	-6639.0
1878	10.2	155627.0	-6657.0	1968	10.0	162538.0	-6600.5	2058	7.8	165950.0	-6627.0
1879	10.0	155629.0	-6601.0	1969	10.0	162543.0	-6603.5	2059	9.2	170008.0	-6627.0
1880	10.0	155636.0	-6653.0	1970	10.1	162553.0	-6607.5	2060	9.8	170033.0	-6634.0
1881	10.0	155643.0	-6652.0	1971	9.2	162603.0	-6645.5	2061	9.7	170037.0	-6603.0
1882	10.0	155658.0	-6601.0	1972	9.0	162614.0	-6617.0	2062	9.0	170050.0	-6654.5
1883	9.7	155716.0	-6656.0	1973	8.8	162616.0	-6640.5	2063	9.8	170145.0	-6628.5
1884	10.0	155723.0	-6649.0	1974	8.6	162642.0	-6651.0	2064	9.2	170243.0	-6623.5
1885	10.2	155817.0	-6615.0	1975	10.0	162740.0	-6650.0	2065	9.6	170250.0	-6624.5
1886	8.8	155827.0	-6628.5	1976	9.0	162818.0	-6623.0	2066	9.5	170257.0	-6603.5
1887	9.0	155851.0	-6655.0	1977	8.2	162821.0	-6601.5	2067	9.2	170315.0	-6626.5
1888	8.5	155855.0	-6601.0	1978	9.5	162834.0	-6648.0	2068	9.6	170335.0	-6637.0
1889	10.0	155855.0	-6657.0	1979	9.3	162844.0	-6609.5	2069	10.0	170415.0	-6631.5
1890	10.2	155900.0	-6603.0	1980	10.0	162851.0	-6643.0	2070	10.0	170423.0	-6633.0
1891	10.0	155920.0	-6638.5	1981	10.0	162858.0	-6632.0	2071	7.5	170439.0	-6648.0
1892	10.0	155943.0	-6653.5	1982	10.0	162931.0	-6633.5	2072	9.1	170447.0	-6612.0
1893	9.8	155950.0	-6618.0	1983	10.1	163058.0	-6641.5	2073	9.7	170505.0	-6605.0
1894	9.9	160007.0	-6623.0	1984	10.0	163108.0	-6638.0	2074	9.9	170512.0	-6603.0
1895	10.0	160015.0	-6640.5	1985	10.1	163126.0	-6605.0	2075	10.0	170600.0	-6602.0
1896	10.2	160131.0	-6604.5	1986	9.8	163130.0	-6603.0	2076	10.0	170602.0	-6622.5
1897	10.0	160133.0	-6611.5	1987	8.5	163257.0	-6615.5	2077	9.3	170609.0	-6633.5
1898	8.4	160147.0	-6645.0	1988	9.8	163312.0	-6622.0	2078	9.7	170730.0	-6637.5
2079	10.0	170801.0	-6655.0								
2080	10.2	170821.0	-6617.0								
2081	10.0	170830.0	-6618.0								
2082	9.2	170859.0	-6614.0								
2083	9.8	170859.0	-6640.0								
2084	10.0	170906.0	-6608.5								
2085	9.8	170913.0	-6608.5								
2086	10.0	170920.0	-6604.0								
2087	10.0	170930.0	-6616.0								
2088	8.2	170953.0	-6608.0								
2089	9.7	170953.0	-6615.5								
2090	8.4	171039.0	-6612.5								
2091	10.0	171040.0	-6655.5								
2092	10.0	171045.0	-6619.0								
2093	10.0	171053.0	-6624.0								
2094	10.2	171057.0	-6617.0								
2095	9.2	171110.0	-6609.0								
2096	10.0	171113.0	-6650.0								
2097	7.7	171248.0	-6616.0								
2098	9.3	171309.0	-6607.5								
2099	9.7	171327.0	-6652.5								
2100	9.4	171333.0	-6601.0								
2101	9.5	171336.0	-6605.0								
2102	9.5	171428.0	-6645.0								
2103	8.0	171522.0	-6609.5								
2104	10.0	171542.0	-6629.5								
2105	10.0	171556.0	-6658.0								
2106	9.3	171609.0	-6602.0								
2107	7.5	171737.0	-6645.5								
2108	9.3	171818.0	-6603.5								
2109	10.0	171828.0	-6646.0								
2110	10.0	171836.0	-6617.0								
2111	9.9	172005.0	-6653.5								
2112	10.2	172015.0	-6639.5								
2113	10.0	172045.0	-6639.5								
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2115	10.0	172145.0	-6645.0								
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2119	10.2	172408.0	-6630.0								
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2132	10.0	173254.0	-6625.0								
2133	9.1	173358.0	-6602.5								
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2137	10.2	173949.0	-6629.5								
2138	9.1	174017.0	-6642.5								
2139	9.8	174052.0	-6659.5								
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2141	8.4	174146.0	-6604.0								
2142	10.0	174202.0	-6643.5								
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2144	10.0	174355.0	-6600.0								
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2148	10.2	174630.0	-6635.0								
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2160	9.7	174923.0	-6621.5								
2161	8.6	175004.0	-6605.0								
2162	9.9	175013.0	-6617.5								
2163	10.2	175034.0	-6642.0								
2164	7.4	175045.0	-6631.5								
2165	9.8	175059.0	-6605.5								
2166	10.0	175145.0	-6648.5								
2167	10.1	175218.0	-6650.5								
2168	10.2	175226.0	-6656.5								

-66 2169 17h52m

-66 2528 22h01m

2169	9.9	175227.0	-6606.0	2259	9.5	184653.0	-6631.0	2349	9.5	194334.0	-6653.0
2170	9.9	175310.0	-6631.5	2260	10.0	184658.0	-6619.0	2350	10.1	194340.0	-6616.0
2171	10.2	175450.0	-6656.0	2261	6.5	184724.0	-6648.5	2351	9.9	194541.0	-6644.0
2172	9.7	175522.0	-6615.5	2262	9.6	184734.0	-6654.0	2352	9.3	194706.0	-6656.5
2173	9.9	175556.0	-6616.5	2263	8.2	184821.0	-6634.5	2353	10.2	194747.0	-6615.0
2174	10.0	175558.0	-6644.0	2264	8.3	184830.0	-6620.5	2354	10.0	194850.0	-6613.0
2175	10.0	175618.0	-6642.0	2265	9.9	184905.0	-6632.5	2355	8.7	195024.0	-6626.0
2176	8.2	175716.0	-6637.5	2266	9.4	184906.0	-6611.5	2356	9.5	195038.0	-6610.0
2177	10.2	175718.0	-6616.5	2267	9.1	184916.0	-6629.5	2357	10.0	195208.0	-6612.5
2178	9.2	175822.0	-6624.5	2268	10.0	185000.0	-6608.0	2358	9.6	195250.0	-6641.0
2179	9.2	175836.0	-6645.5	2269	9.5	185102.0	-6626.0	2359	9.9	195343.0	-6647.0
2180	9.5	175920.0	-6632.5	2270	9.2	185121.0	-6603.5	2360	9.3	195427.0	-6614.5
2181	9.8	180027.0	-6642.0	2271	10.0	185132.0	-6602.5	2361	8.3	195428.0	-6609.5
2182	10.0	180107.0	-6639.0	2272	9.4	185133.0	-6627.5	2362	9.9	195503.0	-6644.5
2183	10.1	180111.0	-6610.5	2273	9.7	185148.0	-6650.0	2363	9.2	195531.0	-6612.5
2184	9.2	180138.0	-6643.0	2274	10.0	185153.0	-6653.0	2364	9.8	195609.0	-6610.0
2185	8.8	180148.0	-6643.5	2275	9.8	185255.0	-6619.5	2365	7.0	195627.0	-6642.5
2186	7.5	180157.0	-6650.5	2276	8.0	185546.0	-6635.5	2366	10.0	195628.0	-6644.5
2187	8.5	180217.0	-6650.5	2277	10.1	185547.0	-6602.5	2367	3.5	195629.0	-6630.0
2188	8.5	180240.0	-6615.5	2278	10.0	185559.0	-6648.0	2368	10.2	195743.0	-6620.5
2189	10.1	180404.0	-6644.0	2279	10.0	185726.0	-6607.0	2369	10.2	195903.0	-6616.5
2190	10.0	180419.0	-6622.0	2280	10.0	185728.0	-6622.0	2370	10.2	195933.0	-6653.0
2191	10.0	180545.0	-6636.5	2281	9.2	185734.0	-6603.0	2371	10.0	195945.0	-6632.0
2192	7.4	180658.0	-6641.5	2282	7.3	185901.0	-6604.0	2372	9.5	200006.0	-6639.0
2193	9.3	180708.0	-6629.0	2283	10.0	185930.0	-6632.0	2373	9.9	200030.0	-6649.0
2194	9.9	180720.0	-6616.0	2284	10.0	185955.0	-6649.0	2374	10.0	200124.0	-6614.5
2195	9.5	180756.0	-6613.5	2285	9.6	190124.0	-6636.5	2375	10.1	200141.0	-6630.0
2196	10.0	180756.0	-6602.0	2286	9.9	190131.0	-6623.5	2376	10.0	200415.0	-6625.0
2197	9.2	180801.0	-6610.0	2287	10.0	190140.0	-6627.5	2377	9.8	200554.0	-6622.0
2198	10.1	180815.0	-6622.0	2288	10.1	190147.0	-6648.5	2378	9.5	200658.0	-6614.0
2199	10.1	180826.0	-6608.0	2289	9.9	190406.0	-6658.0	2379	10.2	200712.0	-6614.0
2200	9.4	180839.0	-6601.0	2290	5.6	190437.0	-6652.5	2380	9.9	200725.0	-6604.0
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2202	9.0	180950.0	-6609.0	2292	10.0	190604.0	-6652.0	2382	8.5	200855.0	-6651.5
2203	9.5	181108.0	-6644.0	2293	9.5	190710.0	-6629.0	2383	10.0	201024.0	-6650.5
2204	9.6	181128.0	-6640.0	2294	9.8	190823.0	-6607.0	2384	9.2	201046.0	-6624.5
2205	8.7	181135.0	-6656.5	2295	9.5	190848.0	-6631.0	2385	10.0	201047.0	-6617.5
2206	9.6	181148.0	-6653.5	2296	8.6	190904.0	-6657.0	2386	9.2	201136.0	-6618.5
2207	10.0	181210.0	-6612.0	2297	10.0	190927.0	-6632.0	2387	8.2	201218.0	-6634.5
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2213	10.0	181625.0	-6609.0	2303	9.3	191044.0	-6659.5	2393	10.2	201444.0	-6615.0
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2215	8.8	181653.0	-6654.5	2305	10.0	191059.0	-6635.0	2395	10.0	201621.0	-6614.0
2216	9.9	181702.0	-6641.0	2306	10.2	191107.0	-6656.0	2396	10.0	201746.0	-6629.5
2217	8.0	181831.0	-6631.0	2307	8.4	191249.0	-6642.5	2397	9.5	201804.0	-6648.5
2218	10.0	181851.0	-6610.0	2308	9.2	191337.0	-6659.0	2398	9.5	201834.0	-6616.5
2219	9.9	181930.0	-6605.0	2309	9.2	191452.0	-6614.0	2399	8.0	202035.0	-6613.5
2220	10.2	182001.0	-6641.0	2310	8.2	191505.0	-6622.0	2400	9.3	202126.0	-6626.5
2221	7.0	182132.0	-6622.0	2311	9.1	191506.0	-6646.0	2401	9.1	202424.0	-6609.0
2222	9.0	182207.0	-6602.5	2312	10.2	191604.0	-6645.5	2402	10.0	202507.0	-6618.0
2223	8.8	182226.0	-6615.5	2313	9.2	191705.0	-6653.0	2403	9.6	202623.0	-6623.0
2224	7.0	182344.0	-6658.5	2314	7.8	191903.0	-6648.5	2404	8.0	202654.0	-6657.0
2225	10.0	182822.0	-6620.0	2315	10.2	191957.0	-6632.0	2405	10.0	202736.0	-6653.0
2226	10.0	182837.0	-6650.5	2316	10.0	192030.0	-6614.0	2406	9.7	202739.0	-6653.0
2227	9.5	183010.0	-6639.5	2317	9.7	192340.0	-6641.0	2407	10.0	202951.0	-6613.5
2228	8.9	183018.0	-6649.5	2318	9.5	192341.0	-6640.5	2408	9.9	203106.0	-6657.0
2229	8.7	183022.0	-6624.0	2319	10.1	192437.0	-6624.0	2409	9.7	203136.0	-6620.5
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2231	10.0	183117.0	-6642.0	2321	8.3	192441.0	-6602.5	2411	9.2	203229.0	-6608.5
2232	10.0	183151.0	-6609.0	2322	10.0	192540.0	-6647.0	2412	10.2	203254.0	-6644.5
2233	9.6	183303.0	-6615.0	2323	10.2	192556.0	-6639.0	2413	8.9	203310.0	-6657.0
2234	9.1	183306.0	-6608.0	2324	7.1	192620.0	-6611.5	2414	3.3	203341.0	-6639.0
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2236	9.9	183353.0	-6649.5	2326	10.0	192642.0	-6632.0	2416	9.5	203448.0	-6651.0
2237	10.1	183413.0	-6635.0	2327	8.9	192703.0	-6620.0	2417	10.0	203522.0	-6620.0
2238	10.0	183421.0	-6649.5	2328	6.6	192730.0	-6657.5	2418	10.2	203620.0	-6613.0
2239	10.0	183432.0	-6614.0	2329	10.0	192805.0	-6601.5	2419	9.7	203711.0	-6620.5
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2241	9.7	183555.0	-6609.0	2331	6.5	192930.0	-6608.0	2421	9.8	203853.0	-6625.0
2242	9.6	183638.0	-6659.5	2332	9.9	193001.0	-6625.5	2422	10.2	203858.0	-6630.0
2243	9.9	183648.0	-6636.0	2333	10.0	193012.0	-6607.0	2423	10.0	203902.0	-6629.0
2244	10.2	183652.0	-6647.0	2334	9.7	193144.0	-6635.0	2424	9.9	203902.0	-6608.0
2245	9.5	183659.0	-6622.5	2335	7.6	193148.0	-6635.0	2425	9.4	204024.0	-6610.0
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2247	10.1	183815.0	-6644.5	2337	9.2	193405.0	-6627.0	2427	8.8	204101.0	-6659.5
2248	10.0	183942.0	-6658.0	2338	9.8	193407.0	-6610.0	2428	9.4	204150.0	-6643.5
2249	10.0	184116.0	-6639.0	2339	9.1	193709.0	-6607.5	2429	9.0	204214.0	-6641.5
2250	9.9	184132.0	-6649.0	2340	7.5	193724.0	-6617.0	2430	7.9	204434.0	-6637.0
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2253	10.0	184338.0	-6616.0	2343	9.9	193824.0	-6618.0	2433	10.0	204823.0	-6627.0
2254	10.0	184437.0	-6657.0	2344	9.4	193910.0	-6628.0	2434	10.2	204845.0	-6649.5
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2256	8.5	184547.0	-6604.0	2346	9.0	194045.0	-6601.5	2436	10.0	204939.0	-6648.0
2257	10.1	184551.0	-6659.0	2347	9.9	194052.0	-6628.0	2437	9.7	204957.0	-6622.0
2258	10.0	184616.0	-6620.0	2348	9.8	194307.0	-6623.0	2438	9.5	205011.0	-6601.0
2439	10.2	205205.0	-6625.0								
2440	9.4	205221.0	-6631.0								
2441	8.5	205406.0	-6645.0								
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2446	7.5	205820.0	-6618.0								
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2448	9.0	210041.0	-6608.5								
2449	10.2	210043.0	-6649.0								
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2467	9.5	211119.0	-6616.0								
2468	10.1	211126.0	-6632.0								
2469	10.0	211151.0	-6621.0								
2470	9.5	211310.0	-6600.5								
2471	9.7	211334.0	-6655.5								
2472	9.4	211354.0	-6656.5								
2473	9.6	211409.0	-6609.0								
2474	10.0	211423.0	-6643.0								
2475	10.0	211531.0	-6616.0								
2476	9.2	211547.0	-6631.0								
2477	10.2	211550.0	-6622.0								
2478	9.3	211707.0	-6647.0								
2479	9.9	211710.0	-6650.0								
2480	10.0	211810.0	-6647.0								
2481	9.3	211953.0	-6618.0								
2482	9.5	212010.0	-6614.0								
2483	10.2	212105.0	-6633.5								
2484	8.5	212219.0	-6621.5								
2485	9.7	212308.0	-6650.5								
2486	9.4	212358.0	-6648.0								
2487	10.0	212431.0	-6615.0								
2488	9.9	213313.0	-6644.0								
2489	9.7	213403.0	-6601.5								
2490	10.2	213423.0	-6618.5								
2491	9.9	213438.0	-6651.0								
2492	9.6	213511.0	-6648.0								
2493	9.8	213725.0	-6656.5								
2494	9.8	213736.0	-6639.5								
2495	9.7	213826.0	-6642.5								
2496	7.0	213852.0	-6605.0								
2497	9.7	214139.0	-6608.0								
2498	10.0	214153.0	-6626.0								
2499	9.5	214204.0	-6620.0								
2500	9.4	214345.0	-6634.0								
2501	9.1	214403.0	-6602.0								
2502	9.7	214416.0	-6603.0								
2503	10.1	214445.0	-6624.0								
2504	9.0	214447.0	-6658.0								
2505	9.7	214512.0	-6609.5								
2506	9.1	214558.0	-6644.5								
2507	10.0	214849.0	-6609.5								
2508	9.5	214910.0	-6609.5								
2509	8.2	214926.0	-6640.5								
2510	8.5	215039.0	-6652.0								
2511	8.5	215106.0	-6625.0								
2512	10.0	215150.0	-6642.0								
2513	9.9	215215.0	-6604.0								
2514	9.7	215257.0	-6619.5								
2515	7.5	215634.0	-6616.5								
2516	10.0	215701.0	-6634.5								
2517	10.0	215715.0	-6657.0								
2518	9.2	215747.0	-6629.0								
2519	8.7	215803.0	-6620.0								
2520	9.8	215819.0	-6639.0								
2521	10.2	215839.0	-6642.0								
2522	9.7	220012.0	-6658.5								
2523	9.5	220053.0	-6631.5								
2524	9.3	220119.0	-6608.5								
2525	9.8	220123.0	-6633.5								
2526	8.1	220137.0	-6657.5								
2527	10.0	220145.0	-6647.5								
2528	10.0	220154.0	-6655.0								

2529	9.5	220250.0	-6612.0	2619	9.9	230910.0	-6641.0	43	8.8	05513.0	-6755.0
2530	10.1	220326.0	-6613.0	2620	8.5	230913.0	-6624.0	44	10.0	05602.0	-6708.5
2531	8.5	220353.0	-6617.0	2621	9.5	230918.0	-6653.5	45	10.0	10056.0	-6726.0
2532	9.5	220402.0	-6656.5	2622	10.0	230934.0	-6607.0	46	10.2	10328.0	-6730.0
2533	10.0	220415.0	-6605.5	2623	9.5	231225.0	-6649.0	47	8.4	10436.0	-6733.0
2534	9.1	220511.0	-6633.0	2624	9.7	231300.0	-6635.0	48	9.0	10503.0	-6728.0
2535	10.1	220631.0	-6607.0	2625	9.4	231520.0	-6649.5	49	10.2	10543.0	-6701.0
2536	9.7	220658.0	-6601.0	2626	9.8	231752.0	-6656.5	50	10.0	10611.0	-6750.0
2537	10.0	220715.0	-6613.5	2627	8.7	232020.0	-6615.5	51	10.2	10926.0	-6718.0
2538	9.9	220830.0	-6644.5	2628	10.2	232056.0	-6620.5	52	10.0	11033.0	-6725.0
2539	9.2	221050.0	-6649.5	2629	9.0	232117.0	-6646.5	53	10.0	11036.0	-6755.0
2540	10.0	221235.0	-6624.0	2630	10.0	232146.0	-6611.5	54	6.5	11245.0	-6703.5
2541	10.0	221241.0	-6653.0	2631	9.8	232221.0	-6636.5	55	9.5	11259.0	-6718.0
2542	9.9	221250.0	-6610.5	2632	9.8	232401.0	-6603.0	56	9.7	11330.0	-6733.0
2543	10.2	221305.0	-6649.0	2633	9.7	232410.0	-6658.0	57	7.6	11336.0	-6746.0
2544	9.7	221429.0	-6609.0	2634	9.5	232430.0	-6606.5	58	8.5	11421.0	-6720.0
2545	8.3	221508.0	-6654.0	2635	9.2	232815.0	-6631.0	59	8.8	11512.0	-6727.5
2546	7.5	221538.0	-6615.5	2636	9.5	233055.0	-6601.5	60	9.8	11705.0	-6727.5
2547	9.9	221554.0	-6645.0	2637	7.7	233236.0	-6656.5	61	9.2	11735.0	-6706.5
2548	10.0	221623.0	-6633.0	2638	9.2	233250.0	-6659.0	62	6.9	11738.0	-6702.5
2549	9.7	221628.0	-6618.0	2639	9.5	233252.0	-6612.0	63	9.5	11928.0	-6730.0
2550	10.0	221754.0	-6650.0	2640	9.7	233350.0	-6610.0	64	8.5	11939.0	-6731.5
2551	10.0	221802.0	-6635.0	2641	8.6	233642.0	-6607.5	65	9.8	12055.0	-6733.0
2552	9.5	221837.0	-6643.0	2642	9.1	233702.0	-6611.0	66	9.0	12238.0	-6750.5
2553	9.7	221912.0	-6614.0	2643	10.0	233725.0	-6656.0	67	10.2	12326.0	-6757.0
2554	9.0	222028.0	-6651.5	2644	8.7	234203.0	-6605.5	68	8.4	12707.0	-6708.5
2555	9.8	222059.0	-6635.5	2645	10.2	234208.0	-6627.5	69	10.0	12720.0	-6702.5
2556	9.1	222111.0	-6602.0	2646	7.3	234239.0	-6657.0	70	9.7	12818.0	-6756.0
2557	9.8	222114.0	-6635.0	2647	10.1	234243.0	-6603.0	71	10.2	12910.0	-6744.0
2558	9.5	222235.0	-6635.0	2648	7.1	234310.0	-6620.0	72	9.5	12954.0	-6749.0
2559	9.2	222316.0	-6648.0	2649	8.1	234426.0	-6601.0	73	10.0	13014.0	-6746.5
2560	9.0	222353.0	-6604.0	2650	10.1	234524.0	-6623.5	74	10.2	13108.0	-6753.5
2561	9.6	222635.0	-6646.0	2651	10.0	234559.0	-6655.5	75	8.2	13122.0	-6746.5
2562	9.3	222645.0	-6604.0	2652	10.1	234600.0	-6648.5	76	9.7	13137.0	-6744.5
2563	8.9	222727.0	-6646.0	2653	6.7	234701.0	-6638.5	77	9.4	13216.0	-6722.0
2564	8.0	222820.0	-6630.5	2654	10.2	234707.0	-6616.5	78	10.0	13253.0	-6721.5
2565	7.5	222851.0	-6612.5	2655	9.4	234844.0	-6656.0	79	8.5	13331.0	-6743.0
2566	9.8	223123.0	-6633.0	2656	9.9	234845.0	-6603.0	80	7.5	13422.0	-6711.5
2567	8.5	223139.0	-6626.0	2657	9.5	234950.0	-6628.0	81	8.0	13647.0	-6752.0
2568	9.0	223148.0	-6621.5	2658	8.0	235058.0	-6628.5	82	10.0	13656.0	-6743.0
2569	9.8	223152.0	-6606.5	2659	9.2	235249.0	-6613.5	83	8.9	13714.0	-6749.0
2570	10.0	223205.0	-6648.0	2660	4.3	235325.0	-6616.0	84	9.5	13746.0	-6737.5
2571	10.0	223235.0	-6650.0	2661	10.0	235424.0	-6610.0	85	8.2	13850.0	-6728.0
2572	3.6	223237.0	-6611.5	2662	9.2	235425.0	-6621.0	86	8.6	13902.0	-6741.0
2573	9.5	223305.0	-6614.0	2663	9.1	235706.0	-6632.0	87	9.1	13930.0	-6718.5
2574	9.9	223323.0	-6659.0	2664	10.0	235750.0	-6633.0	88	10.0	13952.0	-6740.0
2575	9.3	223530.0	-6653.0	2665	9.4	235852.0	-6603.0	89	10.0	14009.0	-6712.5
2576	9.2	223635.0	-6648.5	2666	10.2	235926.0	-6619.0	90	10.0	14057.0	-6704.5
2577	10.0	223635.0	-6615.0	1	8.5	00125.0	-6735.5	91	9.4	14330.0	-6709.0
2578	8.4	223706.0	-6645.5	2	9.4	00216.0	-6712.0	92	9.7	14340.0	-6728.5
2579	10.0	223804.0	-6607.0	3	9.4	00219.0	-6707.0	93	10.0	14552.0	-6702.5
2580	6.5	223909.0	-6613.0	4	9.2	00233.0	-6727.5	94	9.2	14615.0	-6712.0
2581	9.5	223945.0	-6602.5	5	9.5	00323.0	-6754.0	95	10.0	14645.0	-6719.0
2582	9.0	224004.0	-6657.0	6	9.8	00404.0	-6703.0	96	9.7	14750.0	-6747.5
2583	9.5	224125.0	-6643.5	7	10.2	00437.0	-6709.5	97	9.7	14759.0	-6716.5
2584	7.9	224141.0	-6642.5	8	10.2	00708.0	-6717.0	98	10.0	14950.0	-6729.5
2585	8.5	224223.0	-6623.0	9	10.0	00810.0	-6736.5	99	9.5	15101.0	-6731.0
2586	10.0	224232.0	-6624.5	10	8.5	00947.0	-6737.5	100	9.2	15128.0	-6735.5
2587	8.4	224340.0	-6636.5	11	8.2	01031.0	-6723.0	101	9.7	15140.0	-6719.5
2588	9.0	224702.0	-6622.5	12	8.4	01125.0	-6716.0	102	9.8	15304.0	-6723.0
2589	10.0	224740.0	-6629.5	13	7.9	01148.0	-6703.5	103	8.8	15451.0	-6753.0
2590	9.8	224909.0	-6643.0	14	9.2	01150.0	-6750.0	104	9.0	15757.0	-6749.0
2591	7.8	225011.0	-6602.0	15	10.2	01256.0	-6707.5	105	10.0	20256.0	-6731.0
2592	9.1	225015.0	-6611.0	16	9.2	01506.0	-6737.0	106	10.0	20456.0	-6754.0
2593	9.7	225023.0	-6634.5	17	8.9	01528.0	-6705.0	107	9.9	20601.0	-6749.0
2594	10.0	225041.0	-6659.0	18	9.2	01540.0	-6711.0	108	10.0	20839.0	-6703.0
2595	10.1	225138.0	-6609.0	19	10.0	01706.0	-6712.5	109	9.5	20840.0	-6723.0
2596	10.1	225207.0	-6658.0	20	9.5	01856.0	-6710.0	110	9.0	21104.0	-6701.0
2597	10.1	225218.0	-6640.5	21	10.0	02046.0	-6702.5	111	8.5	21110.0	-6723.0
2598	8.8	225233.0	-6620.0	22	9.7	02205.0	-6708.5	112	8.8	21205.0	-6750.0
2599	9.8	225318.0	-6651.0	23	10.0	02432.0	-6727.0	113	9.2	21208.0	-6758.0
2600	8.5	225357.0	-6641.0	24	9.5	02448.0	-6737.5	114	9.6	21702.0	-6709.0
2601	9.6	225550.0	-6646.5	25	10.2	02708.0	-6725.0	115	10.0	21905.0	-6724.0
2602	10.0	225740.0	-6634.5	26	9.8	02758.0	-6727.0	116	10.0	21926.0	-6722.5
2603	9.0	225800.0	-6601.0	27	9.5	02817.0	-6736.5	117	10.0	22025.0	-6731.5
2604	9.7	225848.0	-6636.0	28	10.0	02903.0	-6710.0	118	10.0	22121.0	-6739.0
2605	10.0	225921.0	-6626.0	29	9.7	02914.0	-6734.5	119	6.8	22252.0	-6703.5
2606	9.2	230107.3	-6653.5	30	9.7	02936.0	-6729.0	120	9.7	22320.0	-6758.0
2607	9.7	230225.0	-6659.0	31	10.0	03036.0	-6752.0	121	10.0	22501.0	-6718.5
2608	9.6	230229.0	-6601.0	32	10.0	03048.0	-6753.0	122	10.0	22503.0	-6729.0
2609	9.9	230233.0	-6635.0	33	10.2	03112.0	-6739.0	123	8.5	22530.0	-6743.5
2610	10.2	230332.0	-6622.0	34	9.5	03555.0	-6712.0	124	9.8	22540.0	-6710.0
2611	9.9	230409.0	-6613.0	35	9.9	03743.0	-6742.0	125	8.3	22628.0	-6719.5
2612	9.6	230608.0	-6620.5	36	9.7	03825.0	-6740.5	126	10.0	22858.0	-6701.0
2613	10.1	230636.0	-6634.5	37	10.0	04655.0	-6738.5	127	8.9	23211.0	-6710.5
2614	10.0	230639.0	-6631.5	38	10.2	04731.0	-6739.5	128	9.7	23315.0	-6722.0
2615	9.0	230651.0	-6654.0	39	9.5	04758.0	-6735.0	129	10.0	23337.0	-6727.0
2616	8.1	230705.0	-6615.5	40	9.8	04936.0	-6708.0	130	10.2	23505.0	-6739.0
2617	9.7	230810.0	-6618.5	41	10.2	05233.0	-6732.5	131	7.0	23550.0	-6750.5
2618	10.0	230848.0	-6604.0	42	7.3	05303.0	-6714.0	132	10.0	23610.0	-6714.5
133	9.4	23640.0	-6709.5
134	7.2	23724.0	-6730.0
135	10.0	23806.0	-6759.0
136	9.5	23814.0	-6738.0
137	10.2	23826.0	-6759.0
138	10.2	23829.0	-6728.0
139	9.2	23851.0	-6753.5
140	9.5	24029.0	-6726.5
141	10.0	24033.0	-6729.5
142	6.5	24115.0	-6714.0
143	8.7	24140.0	-6749.0
144	10.0	24222.0	-6704.5
145	9.0	24310.0	-6731.5
146	9.2	24356.0	-6753.5
147	10.0	24358.0	-6727.0
148	9.9	24500.0	-6703.0
149	7.5	24503.0	-6748.0
150	9.4	24632.0	-6748.5
151	10.0	24908.0	-6727.0
152	10.0	25001.0	-6705.0
153	8.0	25031.0	-6749.0
154	9.9	25405.0	-6713.0
155	8.6	25456.0	-6745.0
156	9.3	25602.0	-6721.5
157	10.2	25613.0	-6744.0
158	8.6	25630.0	-6752.5
159	8.5	25635.0	-6738.0
160	10.2	25801.0	-6753.0
161	9.6	25901.0	-6706.5
162	8.1	25913.0	-6736.0
163	10.0	30118.0	-6719.5
164	10.0	30431.0	-6705.5
165	10.0	30433.0	-6721.0
166	10.0	30546.0	-6758.5
167	10.0	30610.0	-6737.0
168	10.0	30618.0	-6754.0
169	10.1	30823.0	-6737.5
170	10.2	30832.0	-6716.5
171	8.0	30903.0	-6759.0
172	9.6	31024.0	-6706.0
173	9.8	31036.0	-6719.5
174	9.0	31227.0	-6739.0
175	8.5	31239.0	-6707.5
176	9.8	31317.0	-6721.0
177	9.8	31531.0	-6700.5
178	6.2	31635.0	-6723.0
179	10.0	31706.0	-6709.5
180	9.3	31831.0	-6736.5
181	9.5	32116.0	-6758.0
182	10.0	32139.0	-6757.0
183	9.6	32141.0	-6737.5
184	9.4	32230.0	-6721.0
185	10.0	32259.0	-6748.0
186	10.0	32307.0	-6714.0
187	9.8	32314.0	-6756.5
188	10.1	32532.0	-6716.5
189	9.7	32549.0	-6747.0
190	9.9	32557.0	-6722.0
191	10.0	32647.0	-6706.0
192	10.0	32725.0	-6748.0
193	10.2	32752.0	-6744.5
194	9.2	32837.0	-6739.0
195	9.2	32919.0	-6758.0
196	10.0	33137.0	-6754.0
197	7.5	33137.0	-6709.0
198	7.5	33204.0	-6750.5
199	9.5	33249.0	-6747.0
200	9.5	33457.0	-6722.0
201	9.7	33501.0	-6734.0
202	10.0	33537.0	-6729.5
203	9.8	33742.0	-6736.5
204	9.2	33904.0	-6737.5
205	9.2	34036.0	-6707.5
206	10.0	34118.0	-6720.0
207	8.4	34138.0	-6740.5
208	8.3	34318.0	-6705.5
209	10.0	34348.0	-6704.5
210	8.7	34556.0	-6712.0
211	10.0	34608.0	-6709.0
212	8.8	34625.0	-6747.0
213	8.5	34645.0	-6704.5
214	10.0	34714.0	-6742.0
215	10.0	35012.0	-6756.0
216	10.0	35022.0	-6754.0
217	10.0	35042.0	-6714.0
218	10.0	35130.0	-6756.0
219	9.3	35145.0	-6712.0
220	9.9	35150.0	-6706.5
221	10.0	35223.0	-6745.0
222	9.5	35330.0	-6747.5

-67 223 3h57m

-67 582 7h56m

223	9.0	35712.0	-6712.0	313	20.0	50743.0	-6737.0	403	9.6	55827.0	-6741.0
224	10.0	35752.0	-6752.5	314	9.2	50857.0	-6719.5	404	9.2	55842.0	-6728.5
225	9.2	40013.0	-6730.0	315	9.7	50907.0	-6720.0	405	10.1	55942.0	-6701.5
226	10.0	40118.0	-6715.5	316	10.0	51159.0	-6728.5	406	9.2	60004.0	-6750.5
227	9.2	40354.0	-6731.0	317	9.8	51224.0	-6714.0	407	9.2	60212.0	-6751.5
228	9.7	40430.0	-6709.0	318	10.2	51244.0	-6716.0	408	10.2	60216.0	-6737.0
229	10.2	40532.0	-6726.0	319	10.0	51246.0	-6701.0	409	10.0	60242.0	-6746.0
230	8.5	40639.0	-6730.0	320	9.9	51253.0	-6725.0	410	7.2	60325.0	-6718.0
231	10.0	40911.0	-6756.5	321	9.5	51310.0	-6753.0	411	10.2	60509.0	-6730.0
232	9.5	40931.0	-6739.0	322	9.2	51350.0	-6743.0	412	9.9	60515.0	-6741.0
233	8.9	40938.0	-6739.0	323	5.1	51352.0	-6720.0	413	8.4	60642.0	-6724.0
234	8.7	41137.0	-6752.5	324	20.0	51401.0	-6735.5	414	7.1	60707.0	-6716.0
235	10.0	41241.0	-6751.0	325	20.0	51410.0	-6728.0	415	10.0	60738.0	-6745.0
236	8.9	41337.0	-6703.0	326	10.1	51440.0	-6736.0	416	10.2	60811.0	-6731.0
237	10.0	41350.0	-6706.0	327	10.1	51455.0	-6749.0	417	10.2	61014.0	-6726.0
238	8.5	41350.0	-6725.0	328	10.1	51519.0	-6724.5	418	9.5	61050.0	-6726.0
239	10.2	41401.0	-6728.0	329	9.3	51700.0	-6740.5	419	9.5	61103.0	-6755.5
240	10.0	41416.0	-6745.0	330	10.0	51802.0	-6731.0	420	9.7	61337.0	-6731.5
241	9.8	41439.0	-6713.5	331	9.5	51831.0	-6733.5	421	10.0	61402.0	-6732.0
242	9.8	41550.0	-6754.5	332	9.6	51847.0	-6740.0	422	9.8	61405.0	-6730.0
243	9.7	41743.0	-6745.0	333	9.8	51901.0	-6747.0	423	9.6	61508.0	-6756.0
244	9.8	41747.0	-6732.5	334	10.0	51940.0	-6759.0	424	9.8	61641.0	-6759.0
245	10.0	41805.0	-6743.0	335	9.8	52020.0	-6717.0	425	10.0	61710.0	-6722.0
246	9.5	41835.0	-6735.0	336	10.0	52022.0	-6718.5	426	10.0	61804.0	-6724.0
247	9.6	42040.0	-6728.0	337	10.0	52031.0	-6714.5	427	9.5	61935.0	-6732.5
248	9.7	42125.0	-6718.0	338	10.2	52041.0	-6738.0	428	10.0	61938.0	-6707.0
249	9.8	42130.0	-6717.0	339	9.3	52248.0	-6728.0	429	9.4	62051.0	-6753.0
250	9.5	42250.0	-6741.5	340	10.0	52306.0	-6754.5	430	10.0	62112.0	-6724.0
251	9.7	42251.0	-6713.5	341	9.6	52309.0	-6718.0	431	9.8	62128.0	-6722.0
252	9.6	42300.0	-6720.5	342	9.5	52520.0	-6730.0	432	9.3	62134.0	-6731.5
253	9.8	42313.0	-6712.0	343	10.0	52531.0	-6720.0	433	10.0	62149.0	-6711.0
254	7.2	42330.0	-6701.0	344	9.5	52552.0	-6752.5	434	9.9	62301.0	-6709.0
255	8.8	42545.0	-6751.0	345	9.6	52626.0	-6739.5	435	9.7	62325.0	-6721.5
256	10.2	42748.0	-6739.0	346	9.5	52651.0	-6755.5	436	9.6	62454.0	-6757.0
257	10.0	42831.0	-6738.0	347	10.0	52731.0	-6719.0	437	10.0	62529.0	-6740.0
258	9.3	42835.0	-6713.5	348	20.0	52732.0	-6733.0	438	10.2	62532.0	-6702.5
259	9.5	42916.0	-6700.5	349	10.0	52809.0	-6726.5	439	9.2	62534.0	-6725.0
260	9.9	43040.0	-6741.5	350	9.5	52810.0	-6741.5	440	10.0	62618.0	-6707.5
261	9.3	43044.0	-6741.0	351	9.5	52848.0	-6758.0	441	9.5	62713.0	-6734.5
262	10.0	43117.0	-6724.0	352	9.5	53003.0	-6713.0	442	9.4	62746.0	-6718.0
263	9.7	43239.0	-6711.0	353	9.3	53018.0	-6749.5	443	9.7	62809.0	-6715.5
264	8.6	43258.0	-6734.5	354	20.0	53054.0	-6722.0	444	9.5	62856.0	-6756.5
265	10.0	43304.0	-6726.0	355	20.0	53128.0	-6703.5	445	9.0	63051.0	-6731.0
266	10.0	43313.0	-6725.0	356	9.9	53154.0	-6733.5	446	9.2	63055.0	-6702.0
267	10.0	43346.0	-6705.0	357	9.5	53222.0	-6754.0	447	8.4	63133.0	-6729.0
268	9.2	43350.0	-6726.5	358	20.0	53239.0	-6736.5	448	10.0	63206.0	-6745.5
269	9.2	43415.0	-6733.0	359	9.8	53243.0	-6746.5	449	10.1	63227.0	-6719.0
270	9.0	43530.0	-6710.0	360	9.5	53244.0	-6710.5	450	10.0	63320.0	-6708.0
271	9.5	43632.0	-6712.5	361	20.0	53246.0	-6747.0	451	9.8	63341.0	-6714.5
272	8.9	43633.0	-6729.0	362	20.0	53334.0	-6734.5	452	10.0	63426.0	-6707.0
273	10.0	43658.0	-6700.5	363	9.7	53410.0	-6707.5	453	10.1	63509.0	-6726.0
274	10.0	43730.0	-6758.0	364	10.0	53419.0	-6726.0	454	8.2	63530.0	-6707.0
275	10.0	43750.0	-6733.0	365	9.8	53419.0	-6725.5	455	10.0	63536.0	-6713.5
276	9.8	43753.0	-6722.0	366	10.0	53423.0	-6720.0	456	9.4	63559.0	-6740.0
277	8.2	44123.0	-6707.5	367	10.0	53432.0	-6706.5	457	10.2	63636.0	-6722.0
278	10.0	44218.0	-6727.0	368	10.0	53443.0	-6703.5	458	9.1	63718.0	-6721.5
279	8.9	44247.0	-6738.0	369	9.9	53447.0	-6713.5	459	9.8	63721.0	-6728.0
280	9.5	44333.0	-6702.0	370	10.1	53505.0	-6726.0	460	9.9	63731.0	-6739.5
281	10.0	44527.0	-6749.0	371	10.0	53508.0	-6726.0	461	10.0	63753.0	-6708.5
282	10.0	44617.0	-6730.0	372	9.2	53517.0	-6733.0	462	10.0	63844.0	-6732.0
283	9.9	44648.0	-6755.0	373	20.0	53533.0	-6739.0	463	10.1	64010.0	-6747.0
284	10.0	44731.0	-6723.0	374	9.5	53603.0	-6757.0	464	6.8	64244.0	-6743.5
285	9.9	44726.0	-6726.0	375	20.0	53636.0	-6704.0	465	8.8	64429.0	-6734.5
286	9.4	44738.0	-6728.0	376	9.2	53836.0	-6715.0	466	8.8	64514.0	-6741.5
287	9.8	44802.0	-6723.0	377	8.3	53946.0	-6706.5	467	10.1	64523.0	-6718.5
288	8.2	44906.0	-6755.5	378	10.1	54105.0	-6711.0	468	9.3	64528.0	-6747.5
289	10.0	44914.0	-6702.5	379	7.4	54200.0	-6728.0	469	10.1	64535.0	-6730.0
290	10.0	44918.0	-6735.0	380	7.9	54252.0	-6711.5	470	10.0	64611.0	-6723.0
291	9.1	45237.0	-6721.5	381	9.9	54410.0	-6745.0	471	10.0	64641.0	-6717.0
292	9.7	45324.0	-6707.5	382	10.0	54513.0	-6713.5	472	9.7	64647.0	-6712.0
293	20.0	45409.0	-6718.0	383	10.0	54521.0	-6731.5	473	9.7	64654.0	-6742.5
294	8.9	45420.0	-6729.0	384	10.0	54532.0	-6707.5	474	10.0	64726.0	-6743.5
295	10.2	45451.0	-6747.0	385	9.7	54610.0	-6754.5	475	10.2	64803.0	-6756.5
296	9.5	45509.0	-6722.0	386	8.5	54631.0	-6745.5	476	10.2	64818.0	-6735.0
297	9.6	45550.0	-6730.0	387	9.5	54645.0	-6745.0	477	8.5	64916.0	-6712.5
298	9.8	45723.0	-6746.0	388	9.3	54706.0	-6728.0	478	10.2	64921.0	-6701.5
299	10.0	45732.0	-6739.5	389	9.0	54747.0	-6747.5	479	9.7	64923.0	-6753.5
300	10.0	45736.0	-6722.5	390	8.5	55031.0	-6705.0	480	9.8	64928.0	-6713.0
301	10.2	45808.0	-6725.5	391	10.0	55042.0	-6746.0	481	10.0	64955.0	-6707.5
302	9.5	45847.0	-6717.0	392	10.0	55150.0	-6706.0	482	9.2	64958.0	-6732.0
303	9.7	45921.0	-6755.0	393	9.7	55249.0	-6735.5	483	10.1	65213.0	-6734.5
304	9.2	50126.0	-6738.0	394	10.2	55255.0	-6701.0	484	9.4	65508.0	-6744.0
305	9.3	50305.0	-6705.0	395	10.0	55257.0	-6757.0	485	9.8	65545.0	-6714.0
306	9.8	50309.0	-6708.0	396	10.2	55315.0	-6717.5	486	9.2	65649.0	-6703.5
307	10.0	50336.0	-6748.0	397	9.7	55522.0	-6712.5	487	9.8	65717.0	-6700.5
308	10.0	50418.0	-6730.0	398	9.5	55527.0	-6744.0	488	10.1	65757.0	-6755.0
309	10.2	50434.0	-6728.0	399	8.5	55552.0	-6734.5	489	10.0	65806.0	-6737.0
310	9.5	50540.0	-6701.0	400	9.2	55610.0	-6705.0	490	9.8	65828.0	-6714.0
311	9.7	50618.0	-6742.0	401	8.9	55623.0	-6733.0	491	10.0	65946.0	-6747.5
312	9.5	50628.0	-6733.0	402	9.2	55740.0	-6726.0	492	5.7	70002.0	-6745.0
493	9.3	70025.0	-6706.0
494	9.7	70041.0	-6722.0
495	9.7	70100.0	-6742.0
496	10.0	70252.0	-6737.0
497	9.5	70303.0	-6712.5
498	9.6	70306.0	-6750.0
499	10.0	70428.0	-6730.5
500	10.0	70646.0	-6747.0
501	10.0	70651.0	-6752.0
502	9.5	70657.0	-6705.5
503	10.2	70726.0	-6725.5
504	10.1	70728.0	-6712.0
505	8.0	70758.0	-6743.5
506	9.5	71001.0	-6708.5
507	7.6	71108.0	-6745.0
508	7.5	71217.0	-6733.5
509	10.0	71227.0	-6726.5
510	9.2	71419.0	-6727.0
511	9.8	71447.0	-6709.0
512	8.5	71502.0	-6750.5
513	9.5	71535.0	-6749.5
514	4.1	71653.0	-6743.5
515	9.7	71717.0	-6700.0
516	9.3	71719.0	-6740.0
517	9.9	71751.0	-6752.0
518	9.5	71909.0	-6708.5
519	9.9	71921.0	-6717.5
520	9.8	72113.0	-6703.0
521	10.0	72145.0	-6755.0
522	9.1	72217.0	-6703.5
523	8.2	72243.0	-6707.5
524	9.8	72310.0	-6739.0
525	8.0	72330.0	-6747.0
526	8.5	72415.0	-6727.0
527	10.0	72455.0	-6705.5
528	10.0	72517.0	-6712.5
529	10.2	72618.0	-6710.5
530	10.2	72701.0	-6742.0
531	9.5	72757.0	-6754.0
532	8.5	72935.0	-6753.5
533	10.0	73021.0	-6733.0
534	10.0	73051.0	-6704.0
535	9.2	73052.0	-6716.5
536	9.2	73101.0	-6733.0
537	8.7	73152.0	-6708.0
538	10.0	73203.0	-6739.0
539	10.1	73248.0	-6728.0
540	10.2	73328.0	-6724.0
541	10.0	73402.0	-6743.0
542	10.2	73441.0	-6731.0
543	9.7	73515.0	-6715.5
544	8.3	73530.0	-6701.0
545	9.2	73544.0	-6714.0
546	9.4	73556.0	-6736.5
547	7.5	73558.0	-6705.5
548	8.0	73620.0	-6719.0
549	9.9	73726.0	-6706.0
550	7.5	73755.0	-6709.5
551	9.5	73814.0	-6711.0
552	9.9	73826.0	-6740.0
553	8.1	73830.0	-6759.0
554	8.8	73836.0	-6710.5
555	8.6	74019.0	-6758.5
556	9.5	74022.0	-6714.0
557	8.0	74115.0	-6723.0
558	9.2	74131.0	-6724.0
559	9.5	74138.0	-6744.0
560	9.3	74203.0	-6748.0
561	9.5	74424.0	-6719.5
562	10.0	74513.0	-6749.5
563	9.2	74525.0	-6714.0
564	8.3	74537.0	-6707.5
565	9.5	74626.0	-6726.5
566	10.0	74626.0	-6717.0
567	8.5	74819.0	-6707.5
568	9.5	74831.0	-6701.0
569	8.9	74858.0	-6747.0
570	10.0	74925.0	-6738.0
571	8.4	75034.0	-6720.5
572	10.0	75155.0	-6709.5
573	9.9	75200.0	-6707.0
574	10.1	75204.0	-6736.0
575	10.1	75258.0	-6712.5
576	9.2	75321.0	-6707.5
577	8.8	75325.0	-6740.5
578	10.0	75355.0	-6747.5
579	9.3	75406.0	-6749.0
580	9.8	75545.0	-6724.5
581	8.9	75605.0	-6726.0
582	9.5	75614.0	-6744.0

-67 583 7h56m

-67 942 10h38m

583	9.4	75643.0	-6721.0	673	9.7	84542.0	-6744.0	763	8.2	93637.0	-6700.5
584	9.9	75700.0	-6702.5	674	8.8	84626.0	-6707.5	764	9.8	93720.0	-6725.5
585	9.2	75720.0	-6720.0	675	10.0	84847.0	-6727.5	765	9.8	93722.0	-6727.5
586	8.5	75824.0	-6720.5	676	9.5	84959.0	-6759.5	766	9.2	93730.0	-6714.0
587	10.1	75937.0	-6736.5	677	10.0	85046.0	-6716.5	767	9.9	93732.0	-6730.0
588	10.2	80003.0	-6748.0	678	9.5	85121.0	-6723.5	768	10.0	93803.0	-6758.5
589	9.9	80041.0	-6757.0	679	10.2	85141.0	-6739.5	769	9.2	93858.0	-6752.5
590	9.2	80145.0	-6722.0	680	10.1	85259.0	-6749.0	770	10.0	93908.0	-6747.0
591	8.5	80148.0	-6726.5	681	9.5	85320.0	-6724.5	771	8.8	93911.0	-6722.0
592	10.1	80152.0	-6756.0	682	9.5	85420.0	-6713.5	772	7.3	93914.0	-6756.0
593	9.6	80156.0	-6711.0	683	10.2	85447.0	-6728.5	773	9.7	93945.0	-6757.5
594	10.2	80213.0	-6729.0	684	10.0	85556.0	-6701.0	774	8.0	94011.0	-6752.5
595	9.9	80221.0	-6711.0	685	7.1	85724.0	-6739.0	775	10.0	94044.0	-6723.0
596	10.0	80417.0	-6700.5	686	9.2	85734.0	-6747.5	776	10.0	94141.0	-6724.0
597	10.0	80435.0	-6743.5	687	9.9	85816.0	-6728.0	777	9.5	94153.0	-6707.0
598	10.0	80538.0	-6736.0	688	7.4	85822.0	-6736.5	778	10.0	94225.0	-6744.0
599	10.2	80602.0	-6709.5	689	8.5	85900.0	-6727.0	779	10.1	94227.0	-6734.0
600	9.8	80633.0	-6749.0	690	10.2	90003.0	-6732.0	780	10.1	94258.0	-6702.5
601	9.9	80749.0	-6724.0	691	10.0	90043.0	-6702.0	781	9.9	94309.0	-6737.5
602	9.7	80750.0	-6749.5	692	9.7	90046.0	-6751.0	782	10.0	94322.0	-6747.5
603	9.7	80816.0	-6712.5	693	8.5	90212.0	-6707.0	783	9.8	94326.0	-6748.0
604	10.0	80830.0	-6717.5	694	9.5	90315.0	-6713.0	784	8.5	94342.0	-6705.0
605	10.0	80844.0	-6723.0	695	8.2	90344.0	-6737.0	785	10.1	94413.0	-6750.5
606	10.0	80950.0	-6730.0	696	9.5	90353.0	-6718.0	786	10.0	94416.0	-6733.0
607	10.0	81000.0	-6729.5	697	9.5	90400.0	-6726.5	787	9.7	94418.0	-6715.0
608	8.5	81026.0	-6717.5	698	10.0	90450.0	-6701.5	788	9.5	94420.0	-6705.5
609	9.9	81038.0	-6723.5	699	9.0	90520.0	-6759.0	789	9.5	94440.0	-6701.5
610	9.5	81120.0	-6708.0	700	9.2	90527.0	-6744.0	790	8.3	94442.0	-6741.5
611	9.3	81210.0	-6759.0	701	9.9	90630.0	-6715.0	791	10.1	94448.0	-6705.0
612	9.1	81227.0	-6709.0	702	9.2	90657.0	-6733.0	792	8.5	94458.0	-6728.5
613	10.0	81241.0	-6721.0	703	9.8	90828.0	-6739.0	793	10.0	94459.0	-6719.0
614	10.0	81428.0	-6713.5	704	8.9	90834.0	-6748.0	794	10.1	94512.0	-6719.0
615	9.9	81453.0	-6742.5	705	10.1	90903.0	-6706.5	795	10.0	94602.0	-6722.0
616	10.1	81541.0	-6727.5	706	9.8	90930.0	-6745.0	796	10.1	94622.0	-6743.5
617	9.6	81550.0	-6752.0	707	9.7	91002.0	-6725.0	797	10.0	94711.0	-6729.0
618	9.6	81558.0	-6754.5	708	9.7	91002.0	-6712.5	798	6.8	94720.0	-6750.0
619	10.0	81610.0	-6745.5	709	10.0	91006.0	-6723.0	799	10.2	94730.0	-6717.0
620	10.1	81636.0	-6740.5	710	9.9	91056.0	-6710.0	800	10.2	94733.0	-6727.0
621	10.0	81710.0	-6758.0	711	10.0	91153.0	-6718.5	801	10.0	94749.0	-6731.5
622	10.0	81721.0	-6702.5	712	10.0	91204.0	-6748.5	802	9.9	94805.0	-6746.0
623	9.5	81723.0	-6719.5	713	8.5	91251.0	-6746.0	803	10.1	94809.0	-6747.0
624	10.1	81729.0	-6746.0	714	9.7	91254.0	-6728.0	804	9.7	94843.0	-6729.5
625	9.5	81801.0	-6718.0	715	9.5	91309.0	-6734.0	805	9.8	94845.0	-6725.5
626	9.3	81844.0	-6756.5	716	9.3	91320.0	-6735.0	806	8.3	94929.0	-6700.5
627	9.5	81930.0	-6747.0	717	10.0	91355.0	-6701.5	807	9.0	94953.0	-6730.5
628	9.5	81941.0	-6746.0	718	9.5	91448.0	-6741.0	808	9.2	95002.0	-6745.0
629	9.8	82105.0	-6744.0	719	10.0	91501.0	-6726.0	809	8.9	95003.0	-6748.5
630	10.1	82130.0	-6719.5	720	9.5	91511.0	-6738.5	810	9.4	95016.0	-6709.5
631	10.0	82225.0	-6758.0	721	7.2	91512.0	-6709.0	811	9.0	95129.0	-6707.5
632	10.0	82226.0	-6723.0	722	8.8	91603.0	-6739.0	812	9.5	95317.0	-6756.0
633	10.0	82228.0	-6759.0	723	9.2	91602.0	-6700.5	813	9.3	95405.0	-6718.0
634	10.0	82352.0	-6749.5	724	9.5	91605.0	-6755.0	814	10.0	95417.0	-6700.0
635	9.9	82428.0	-6729.0	725	9.7	91608.0	-6709.5	815	9.8	95450.0	-6756.0
636	9.5	82521.0	-6727.0	726	9.4	91706.0	-6712.0	816	9.4	95507.0	-6720.0
637	9.8	82814.0	-6755.0	727	9.8	91713.0	-6701.0	817	9.7	95518.0	-6728.0
638	9.7	82949.0	-6737.0	728	9.2	91733.0	-6716.5	818	9.7	95541.0	-6730.0
639	10.2	82952.0	-6715.0	729	9.3	91826.0	-6750.5	819	9.8	95550.0	-6751.0
640	9.5	83018.0	-6735.5	730	8.3	91845.0	-6749.5	820	9.0	95605.0	-6753.5
641	9.4	83056.0	-6758.0	731	8.5	91851.0	-6735.5	821	8.9	95654.0	-6703.5
642	8.9	83058.0	-6741.5	732	10.0	92012.0	-6731.0	822	8.2	95720.0	-6732.5
643	9.8	83124.0	-6743.5	733	9.9	92053.0	-6705.0	823	9.9	95722.0	-6735.5
644	9.8	83302.0	-6753.0	734	10.2	92108.0	-6744.0	824	10.2	95908.0	-6713.0
645	10.0	83348.0	-6749.0	735	10.0	92112.0	-6746.0	825	9.5	95914.0	-6721.5
646	10.0	83404.0	-6738.5	736	10.2	92139.0	-6748.5	826	10.0	100012.0	-6755.0
647	10.0	83438.0	-6718.5	737	9.4	92143.0	-6722.0	827	9.8	100026.0	-6751.0
648	10.2	83500.0	-6726.0	738	9.5	92222.0	-6739.5	828	10.0	100057.0	-6738.0
649	10.2	83544.0	-6736.0	739	9.8	92234.0	-6714.5	829	10.0	100115.0	-6748.0
650	9.5	83546.0	-6718.5	740	7.8	92251.0	-6723.0	830	9.8	100122.0	-6723.0
651	10.6	83634.0	-6754.0	741	9.8	92256.0	-6745.0	831	9.7	100216.0	-6748.5
652	8.8	83652.0	-6734.0	742	8.3	92314.0	-6749.5	832	9.5	100228.0	-6723.0
653	9.8	83703.0	-6742.0	743	8.8	92357.0	-6752.0	833	9.9	100233.0	-6723.5
654	9.2	83715.0	-6707.5	744	10.0	92432.0	-6745.5	834	9.9	100235.0	-6710.0
655	10.0	83723.0	-6721.0	745	8.3	92447.0	-6728.0	835	7.8	100247.0	-6741.5
656	8.5	83733.0	-6743.0	746	9.8	92728.0	-6745.5	836	9.0	100258.0	-6701.5
657	9.0	83757.0	-6724.0	747	9.9	92838.0	-6723.0	837	9.5	100322.0	-6723.0
658	8.0	83853.0	-6705.0	748	8.7	92842.0	-6738.0	838	9.2	100426.0	-6744.0
659	9.3	83913.0	-6709.5	749	8.5	92913.0	-6757.0	839	8.5	100456.0	-6742.5
660	8.0	83917.0	-6722.5	750	8.8	92923.0	-6748.0	840	9.0	100555.0	-6753.5
661	9.2	84007.0	-6722.0	751	9.6	93001.0	-6757.0	841	8.2	100618.0	-6742.0
662	9.5	84020.0	-6706.0	752	10.0	93030.0	-6741.0	842	7.3	100716.0	-6713.0
663	10.0	84052.0	-6712.0	753	8.4	93031.0	-6705.5	843	9.3	100718.0	-6723.0
664	9.2	84215.0	-6724.0	754	10.0	93035.0	-6702.0	844	10.0	100729.0	-6716.5
665	9.7	84223.0	-6726.5	755	9.7	93059.0	-6757.0	845	7.0	100758.0	-6716.5
666	6.8	84244.0	-6745.5	756	9.8	93135.0	-6734.0	846	9.5	100810.0	-6722.0
667	9.5	84308.0	-6733.0	757	10.2	93302.0	-6755.0	847	9.4	100816.0	-6740.0
668	9.5	84312.0	-6734.5	758	10.0	93317.0	-6755.5	848	9.2	100842.0	-6741.5
669	9.8	84315.0	-6700.0	759	7.7	93323.0	-6739.0	849	10.0	100848.0	-6720.5
670	10.0	84324.0	-6744.0	760	9.4	93447.0	-6725.0	850	9.9	100905.0	-6739.0
671	9.3	84344.0	-6750.0	761	10.0	93521.0	-6732.5	851	8.3	100905.0	-6727.0
672	9.7	84504.0	-6732.0	762	10.0	93554.0	-6721.0	852	10.0	100915.0	-6715.5

853	7.1	101032.0	-6726.5
854	9.3	101036.0	-6722.5
855	8.6	101059.0	-6741.5
856	10.1	101105.0	-6733.0
857	10.0	101110.0	-6733.0
858	9.6	101120.0	-6737.0
859	9.7	101156.0	-6746.0
860	9.5	101159.0	-6744.0
861	10.1	101226.0	-6746.0
862	10.1	101231.0	-6753.5
863	10.0	101258.0	-6752.5
864	10.0	101338.0	-6716.0
865	9.2	101340.0	-6747.5
866	8.3	101356.0	-6731.5
867	10.0	101406.0	-6735.0
868	10.0	101418.0	-6757.0
869	9.7	101458.0	-6724.0
870	9.3	101536.0	-6714.5
871	10.0	101540.0	-6706.0
872	9.7	101600.0	-6725.0
873	8.8	101618.0	-6734.0
874	9.7	101620.0	-6716.5
875	10.0	101639.0	-6735.5
876	10.0	101704.0	-6724.0
877	7.5	101718.0	-6726.0
878	8.2	101721.0	-6741.0
879	10.0	101733.0	-6751.5
880	9.7	101750.0	-6745.0
881	9.0	101803.0	-6708.5
882	10.1	101838.0	-6754.0
883	9.9	101858.0	-6723.0
884	9.7	101859.0	-6711.0
885	10.1	101934.0	-6701.5
886	8.9	101952.0	-6746.5
887	8.4	101958.0	-6739.0
888	8.0	102040.0	-6730.0
889	10.0	102056.0	-6753.5
890	9.5	102151.0	-6728.5
891	9.3	102211.0	-6750.0
892	8.3	102222.0	-6742.5
893	10.0	102321.0	-6753.0
894	10.0	102325.0	-6746.5
895	8.1	102330.0	-6751.5
896	10.1	102338.0	-6727.5
897	8.5	102346.0	-6739.0
898	10.0	102358.0	-6721.5
899	10.1	102407.0	-6723.0
900	9.8	102423.0	-6731.5
901	9.5	102430.0	-6757.5
902	9.9	102511.0	-6736.5
903	8.0	102626.0	-6755.0
904	9.4	102644.0	-6755.5
905	10.0	102706.0	-6729.0
906	7.6	102718.0	-6703.5
907	10.0	102833.0	-6757.0
908	10.1	102848.0	-6722.0
909	10.1	102911.0	-6724.5
910	9.4	102920.0	-6703.0
911	10.0	102922.0	-6705.0
912	9.2	102940.0	-6757.0
913	10.2	103013.0	-6750.5
914	8.7	103020.0	-6748.5
915	10.0	103056.0	-6759.5
916	10.0	103122.0	-6746.5
917	10.0	103159.0	-6704.0
918	10.0	103159.0	-6712.5
919	9.8	103205.0	-6701.5
920	10.0	103210.0	-6747.0
921	9.3	103240.0	-6735.5
922	9.8	103242.0	-6755.0
923	9.7	103256.0	-6731.0
924	9.5	103302.0	-6748.0
925	10.1	103318.0	-6751.0
926	10.0	103354.0	-6738.5
927	9.3	103412.0	-6731.5
928	10.0	103424.0	-6757.0
929	9.8	103504.0	-6708.0
930	10.1	103513.0	-6714.0
931	9.8	103608.0	-6702.0
932	10.2	103626.0	-6726.5
933	10.0	103630.0	-6724.5
934	10.1	103654.0	-6756.5
935	10.0	103712.0	-6736.0
936	10.2	103717.0	-6749.0
937	8.2	103730.0	-6703.5
938	8.5	103735.0	-6715.0
939	8.5	103805.0	-6715.0
940	9.7	103815.0	-6728.0
941	9.3	103826.0	-6723.0
942	9.4	103835.0	-6713.0

943	9.9	103839.0	-6727.0	1033	9.9	110746.0	-6730.5	1123	7.2	113746.0	-6747.5	1213	9.7	120946.0	-6703.5
944	9.5	103846.0	-6707.5	1034	10.0	110749.0	-6727.5	1124	8.7	113810.0	-6726.5	1214	9.6	121024.0	-6746.0
945	9.7	103854.0	-6710.0	1035	9.9	110804.0	-6720.0	1125	9.2	113813.0	-6714.5	1215	9.6	121034.0	-6753.5
946	9.8	103911.0	-6737.5	1036	9.0	110818.0	-6749.5	1126	9.8	113836.0	-6737.5	1216	4.7	121052.0	-6716.0
947	9.8	103914.0	-6727.0	1037	9.7	110856.0	-6706.0	1127	9.5	113837.0	-6732.5	1217	9.5	121325.0	-6759.0
948	9.5	103940.0	-6732.5	1038	9.9	110900.0	-6704.0	1128	8.9	113922.0	-6700.5	1218	10.1	121428.0	-6720.0
949	10.0	103944.0	-6702.0	1039	10.0	110911.0	-6701.0	1129	9.7	113936.0	-6746.5	1219	6.5	121516.0	-6736.5
950	9.5	103946.0	-6706.5	1040	10.0	110912.0	-6753.5	1130	10.1	113937.0	-6733.0	1220	10.0	121550.0	-6747.0
951	8.5	104017.0	-6756.0	1041	10.1	110917.0	-6754.5	1131	10.1	114008.0	-6702.0	1221	8.5	121550.0	-6707.0
952	8.9	104030.0	-6735.0	1042	7.5	110955.0	-6739.0	1132	9.5	114034.0	-6726.0	1222	10.0	121713.0	-6703.0
953	10.0	104105.0	-6711.5	1043	10.0	111032.0	-6710.0	1133	9.5	114041.0	-6711.0	1223	9.5	121720.0	-6714.0
954	9.5	104108.0	-6709.5	1044	7.5	111108.0	-6731.5	1134	10.0	114112.0	-6708.5	1224	8.9	121746.0	-6747.5
955	8.5	104140.0	-6728.5	1045	9.7	111125.0	-6732.5	1135	8.8	114148.0	-6704.5	1225	8.5	121758.0	-6744.5
956	9.0	104211.0	-6739.5	1046	9.7	111200.0	-6740.0	1136	8.3	114216.0	-6750.5	1226	10.0	121824.0	-6717.5
957	9.3	104233.0	-6735.5	1047	9.7	111210.0	-6743.5	1137	9.2	114225.0	-6720.5	1227	8.5	121836.0	-6743.5
958	10.0	104241.0	-6702.0	1048	9.2	111212.0	-6721.5	1138	9.6	114240.0	-6716.0	1228	9.5	121914.0	-6743.5
959	10.0	104421.0	-6709.0	1049	6.8	111216.0	-6708.5	1139	9.6	114240.0	-6750.0	1229	10.0	121954.0	-6741.5
960	9.4	104448.0	-6738.5	1050	7.3	111231.0	-6726.0	1140	9.2	114253.0	-6709.5	1230	10.2	122015.0	-6725.0
961	8.5	104458.0	-6742.0	1051	9.5	111249.0	-6716.5	1141	10.0	114319.0	-6749.5	1231	9.7	122054.0	-6737.5
962	9.3	104508.0	-6721.5	1052	9.0	111301.0	-6745.5	1142	10.0	114358.0	-6716.5	1232	9.5	122106.0	-6757.5
963	9.5	104510.0	-6753.0	1053	10.0	111306.0	-6746.5	1143	10.2	114408.0	-6749.0	1233	10.2	122113.0	-6710.0
964	8.5	104549.0	-6727.5	1054	10.0	111316.0	-6705.0	1144	8.8	114430.0	-6729.5	1234	9.6	122120.0	-6707.0
965	9.9	104603.0	-6726.5	1055	10.0	111340.0	-6701.5	1145	8.3	114455.0	-6723.5	1235	9.5	122202.0	-6753.5
966	8.5	104639.0	-6742.0	1056	9.3	111344.0	-6758.0	1146	10.0	114515.0	-6756.5	1236	10.0	122202.0	-6753.0
967	10.0	104644.0	-6705.0	1057	9.2	111346.0	-6733.0	1147	10.0	114527.0	-6757.5	1237	10.0	122230.0	-6724.5
968	10.0	104648.0	-6701.0	1058	8.8	111420.0	-6736.0	1148	9.5	114528.0	-6752.5	1238	9.5	122329.0	-6731.0
969	10.1	104720.0	-6731.0	1059	8.7	111506.0	-6706.0	1149	9.4	114533.0	-6729.0	1239	9.7	122336.0	-6754.0
970	10.1	104735.0	-6707.0	1060	10.0	111513.0	-6757.0	1150	8.5	114544.0	-6728.0	1240	9.8	122400.0	-6700.5
971	9.0	104746.0	-6752.5	1061	10.0	111540.0	-6729.5	1151	9.2	114556.0	-6722.0	1241	9.7	122417.0	-6750.5
972	10.0	104746.0	-6706.5	1062	9.8	111543.0	-6712.0	1152	9.5	114608.0	-6704.5	1242	10.0	122425.0	-6704.5
973	7.3	104825.0	-6732.5	1063	9.0	111603.0	-6731.5	1153	9.5	114635.0	-6748.0	1243	10.2	122435.0	-6737.0
974	10.0	104828.0	-6721.5	1064	9.6	111644.0	-6759.0	1154	10.0	114637.0	-6719.0	1244	9.1	122444.0	-6740.0
975	10.0	104907.0	-6728.0	1065	10.0	111650.0	-6704.0	1155	9.7	114719.0	-6750.5	1245	10.1	122453.0	-6754.5
976	10.1	104920.0	-6729.5	1066	9.5	111715.0	-6706.5	1156	9.9	114722.0	-6737.0	1246	9.9	122513.0	-6712.0
977	9.9	104943.0	-6756.0	1067	10.0	111749.0	-6714.0	1157	10.0	114736.0	-6728.0	1247	9.7	122518.0	-6711.0
978	10.0	104946.0	-6706.0	1068	9.3	111758.0	-6735.5	1158	9.2	114829.0	-6738.0	1248	8.8	122525.0	-6726.0
979	9.9	104948.0	-6755.0	1069	9.9	111810.0	-6704.5	1159	10.0	114849.0	-6751.5	1249	10.0	122547.0	-6741.0
980	10.0	105002.0	-6723.0	1070	9.1	111814.0	-6734.0	1160	8.8	114920.0	-6740.5	1250	10.0	122553.0	-6752.0
981	9.5	105028.0	-6738.0	1071	10.0	111938.0	-6713.0	1161	8.0	114930.0	-6751.5	1251	9.7	122553.0	-6754.0
982	8.2	105037.0	-6739.5	1072	9.6	111939.0	-6734.0	1162	9.5	114945.0	-6705.0	1252	10.0	122610.0	-6709.5
983	10.0	105043.0	-6708.0	1073	10.0	111940.0	-6754.0	1163	9.5	115026.0	-6704.0	1253	9.7	122647.0	-6729.0
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985	9.9	105101.0	-6741.5	1075	9.9	112008.0	-6705.0	1165	9.8	115128.0	-6733.0	1255	9.4	122717.0	-6713.0
986	9.2	105126.0	-6754.0	1076	9.5	112012.0	-6721.0	1166	10.1	115144.0	-6722.5	1256	9.8	122727.0	-6735.5
987	9.8	105209.0	-6707.0	1077	10.0	112015.0	-6730.0	1167	10.0	115153.0	-6735.0	1257	9.2	122731.0	-6749.5
988	9.7	105223.0	-6716.5	1078	9.2	112127.0	-6755.0	1168	10.0	115229.0	-6749.0	1258	7.1	122738.0	-6704.5
989	9.0	105233.0	-6727.5	1079	10.0	112218.0	-6731.5	1169	10.0	115239.0	-6757.0	1259	9.8	122740.0	-6715.0
990	9.5	105248.0	-6709.5	1080	10.0	112257.0	-6712.0	1170	9.5	115304.0	-6727.5	1260	7.8	122813.0	-6739.5
991	9.6	105329.0	-6745.0	1081	9.3	112410.0	-6745.5	1171	9.9	115316.0	-6741.0	1261	10.0	122815.0	-6742.0
992	9.2	105338.0	-6729.5	1082	9.5	112505.0	-6717.5	1172	10.0	115325.0	-6718.5	1262	8.8	122830.0	-6717.5
993	10.0	105407.0	-6711.0	1083	9.9	112516.0	-6729.5	1173	8.0	115330.0	-6738.5	1263	9.5	122854.0	-6731.5
994	9.8	105441.0	-6731.0	1084	9.9	112525.0	-6724.5	1174	9.9	115342.0	-6752.0	1264	9.5	122856.0	-6701.5
995	10.0	105651.0	-6754.0	1085	8.5	112606.0	-6702.5	1175	9.1	115352.0	-6705.0	1265	9.8	122934.0	-6755.0
996	10.0	105702.0	-6711.0	1086	10.0	112610.0	-6725.0	1176	8.7	115405.0	-6739.5	1266	9.5	122953.0	-6709.5
997	9.5	105715.0	-6702.5	1087	9.8	112613.0	-6723.0	1177	9.4	115407.0	-6732.5	1267	10.0	123002.0	-6748.5
998	9.2	105724.0	-6746.5	1088	8.7	112621.0	-6722.0	1178	9.2	115508.0	-6713.5	1268	10.0	123004.0	-6702.0
999	9.3	105734.0	-6733.0	1089	9.9	112656.0	-6742.0	1179	9.5	115546.0	-6726.5	1269	8.5	123016.0	-6711.0
1000	9.7	105756.0	-6736.5	1090	9.5	112726.0	-6751.5	1180	9.1	115550.0	-6709.5	1270	9.5	123106.0	-6712.0
1001	10.0	105800.0	-6741.0	1091	9.8	112727.0	-6736.5	1181	9.0	115626.0	-6724.0	1271	10.0	123217.0	-6722.0
1002	9.9	105807.0	-6725.5	1092	10.0	112728.0	-6737.5	1182	8.1	115637.0	-6754.0	1272	9.7	123228.0	-6754.0
1003	9.0	105816.0	-6714.0	1093	8.5	112903.0	-6754.5	1183	9.5	115640.0	-6726.5	1273	9.5	123233.0	-6716.0
1004	10.0	105851.0	-6757.5	1094	8.5	112922.0	-6745.5	1184	10.0	115641.0	-6712.0	1274	9.0	123235.0	-6708.0
1005	10.0	105928.0	-6750.5	1095	9.1	112928.0	-6727.0	1185	8.5	115717.0	-6736.0	1275	9.8	123315.0	-6726.0
1006	9.3	105950.0	-6703.5	1096	9.9	112941.0	-6740.0	1186	9.8	115755.0	-6701.0	1276	9.1	123324.0	-6703.0
1007	8.7	105950.0	-6720.5	1097	10.1	112952.0	-6713.0	1187	6.0	115815.0	-6738.5	1277	8.5	123347.0	-6753.0
1008	9.4	110024.0	-6718.0	1098	8.9	112956.0	-6714.0	1188	8.9	115843.0	-6743.0	1278	9.1	123425.0	-6706.5
1009	8.8	110047.0	-6713.5	1099	10.0	113001.0	-6757.0	1189	8.5	115857.0	-6752.0	1279	9.5	123505.0	-6709.5
1010	10.0	110103.0	-6757.0	1100	10.0	113042.0	-6734.5	1190	10.0	115858.0	-6756.0	1280	9.4	123524.0	-6730.0
1011	9.2	110120.0	-6721.0	1101	9.3	113121.0	-6754.0	1191	8.2	115903.0	-6709.0	1281	10.2	123533.0	-6733.5
1012	8.0	110151.0	-6714.5	1102	9.8	113204.0	-6745.0	1192	9.7	115906.0	-6720.0	1282	9.2	123658.0	-6752.0
1013	10.0	110239.0	-6744.0	1103	10.0	113206.0	-6746.0	1193	10.0	115918.0	-6702.5	1283	10.1	123658.0	-6714.0
1014	9.2	110309.0	-6755.0	1104	9.5	113215.0	-6725.5	1194	7.5	115950.0	-6758.0	1284	9.8	123733.0	-6706.0
1015	9.5	110310.0	-6735.5	1105	9.0	113240.0	-6746.0	1195	9.6	115956.0	-6742.0	1285	10.0	123737.0	-6707.0
1016	8.9	110313.0	-6734.5	1106	9.7	113349.0	-6734.5	1196	9.9	120035.0	-6748.0	1286	9.8	123817.0	-6701.5
1017	9.7	110316.0	-6711.0	1107	9.5	113429.0	-6715.5	1197	9.5	120046.0	-6731.5	1287	9.5	123829.0	-6741.0
1018	10.0	110321.0	-6738.5	1108	10.0	113443.0	-6711.0	1198	8.9	120120.0	-6711.5	1288	3.4	123840.0	-6725.5
1019	9.1	110330.0	-6731.0	1109	9.5	113503.0	-6728.0	1199	9.2	120209.0	-6707.0	1289	8.8	123901.0	-6732.0
1020	10.0	110340.0	-6715.0	1110	10.0	113523.0	-6749.0	1200	8.2	120212.0	-6756.5	1290	10.0	124005.0	-6715.5
1021	9.5	110405.0	-6740.5	1111	9.8	113525.0	-6720.0	1201	9.8	120215.0	-6706.5	1291	8.5	124021.0	-6735.5
1022	9.5	110432.0	-6705.0	1112	9.8	113528.0	-6732.0	1202	9.4	120253.0	-6707.5	1292	9.5	124036.0	-6744.5
1023	10.0	110436.0	-6755.0	1113	8.7	113550.0	-6713.5	1203	9.6	120308.0	-6718.5	1293	10.0	124036.0	-6715.0
1024	8.5	110507.0	-6724.5	1114	9.5	113624.0	-6709.0	1204	10.1	120318.0	-6719.0	1294	7.9	124109.0	-6745.0
1025	10.0	110542.0	-6704.5	1115	9.2	113631.0	-6719.5	1205	9.2	120414.0	-6702.5	1295	9.5	124114.0	-6725.0
1026	10.0	110546.0	-6717.0	1116	9.5	113633.0	-6729.0	1206	7.4	120420.0	-6734.0	1296	9.8	124129.0	-6728.5
1027	10.0	110556.0	-6754.0	1117	9.2	113639.0	-6742.5	1207	9.0	120448.0	-6705.5	1297	10.0	124130.0	-6707.0
1028	10.0	110620.0	-6737.0	1118	9.5	113641.0	-6720.0	1208	9.7	120531.0	-6722.5	1298	9.4	124140.0	-6739.0
1029	9.5	110625.0	-6747.5	1119	10.0	113705.0	-6736.0	1209	9.5	120723.0	-6756.5	1299	10.0	124148.0	-6716.5
1030	9.3	110642.0	-6759.5	1120	9.0	113708.0	-6749.0	1210	9.0	120732.0	-6703.0	1300	9.2	124159.0	-6716.5
1031	9.4	110725.0	-6707.5	1121	10.0	113716.0	-6747.0	1211	9.3	120741.0	-6707.0	1301	8.5	124210.0	-6756.5
1032	8.2	110739.0	-6719.5	1122	10.0	113734.0	-6712.5	1212	8.9	120851.0	-6712.0	1302	9.2	124230.0	-6747.0

-67 1303 12h42m

-67 1662 14h46m

1303	9.5	124250.0	-6724.5	1393	9.7	130934.0	-6733.0	1483	10.2	134204.0	-6732.0	1573	9.8	140829.0	-6757.5
1304	9.9	124250.0	-6714.0	1394	10.0	130952.0	-6731.0	1484	10.1	134208.0	-6726.0	1574	9.0	140922.0	-6735.0
1305	9.2	124253.0	-6741.5	1395	9.5	131012.0	-6711.5	1485	8.8	134244.0	-6709.0	1575	9.2	140955.0	-6705.0
1306	8.9	124254.0	-6727.0	1396	9.8	131119.0	-6742.0	1486	10.1	134316.0	-6755.0	1576	9.4	141001.0	-6757.5
1307	9.4	124259.0	-6740.5	1397	10.0	131255.0	-6758.5	1487	9.4	134318.0	-6756.0	1577	9.7	141002.0	-6743.0
1308	10.0	124320.0	-6730.0	1398	10.0	131258.0	-6750.0	1488	10.0	134320.0	-6716.5	1578	9.7	141015.0	-6711.0
1309	9.3	124352.0	-6742.0	1399	10.0	131307.0	-6704.0	1489	9.9	134323.0	-6717.5	1579	10.0	141020.0	-6726.0
1310	10.0	124353.0	-6701.5	1400	10.0	131325.0	-6722.0	1490	10.0	134408.0	-6718.5	1580	9.5	141030.0	-6738.0
1311	9.5	124400.0	-6708.5	1401	9.7	131353.0	-6724.0	1491	9.8	134415.0	-6710.5	1581	8.5	141208.0	-6757.0
1312	10.0	124513.0	-6739.0	1402	9.7	131358.0	-6718.5	1492	7.9	134427.0	-6753.0	1582	9.7	141215.0	-6723.0
1313	9.9	124544.0	-6705.0	1403	9.7	131359.0	-6734.0	1493	10.0	134430.0	-6710.0	1583	10.0	141243.0	-6747.0
1314	10.0	124546.0	-6738.0	1404	9.9	131417.0	-6704.0	1494	9.8	134432.0	-6730.0	1584	9.5	141245.0	-6732.0
1315	10.1	124638.0	-6706.5	1405	10.0	131430.0	-6733.0	1495	9.5	134450.0	-6720.5	1585	9.6	141318.0	-6755.5
1316	9.4	124720.0	-6749.5	1406	10.2	131506.0	-6715.5	1496	8.5	134459.0	-6737.0	1586	9.8	141321.0	-6737.5
1317	10.0	124722.0	-6739.0	1407	9.5	131608.0	-6710.0	1497	10.2	134510.0	-6738.0	1587	6.0	141448.0	-6737.5
1318	10.0	124736.0	-6745.5	1408	9.9	131632.0	-6713.0	1498	6.6	134522.0	-6702.0	1588	8.5	141456.0	-6747.5
1319	8.4	124737.0	-6735.0	1409	8.8	131641.0	-6731.5	1499	10.0	134525.0	-6752.0	1589	9.2	141510.0	-6745.5
1320	9.7	124800.0	-6758.5	1410	7.7	131644.0	-6752.5	1500	20.0	134623.0	-6719.5	1590	9.1	141634.0	-6740.0
1321	9.9	124800.0	-6748.5	1411	9.5	131742.0	-6742.0	1501	9.9	134644.0	-6724.5	1591	9.9	141653.0	-6741.0
1322	9.9	124809.0	-6750.0	1412	9.7	131748.0	-6701.0	1502	9.9	134647.0	-6711.5	1592	10.0	141658.0	-6747.0
1323	10.0	124835.0	-6730.5	1413	10.0	131822.0	-6706.5	1503	9.7	134655.0	-6745.0	1593	9.4	141710.0	-6750.5
1324	10.0	124842.0	-6752.5	1414	9.5	131905.0	-6739.0	1504	10.0	134732.0	-6723.5	1594	9.9	141722.0	-6712.5
1325	10.0	124915.0	-6753.5	1415	9.2	131907.0	-6727.0	1505	8.8	134753.0	-6737.0	1595	9.0	141836.0	-6737.0
1326	10.0	124920.0	-6739.0	1416	9.6	131918.0	-6758.5	1506	7.5	134755.0	-6724.0	1596	9.5	141840.0	-6718.5
1327	7.1	124930.0	-6717.0	1417	7.3	131936.0	-6712.5	1507	10.0	134810.0	-6758.0	1597	9.3	141843.0	-6704.0
1328	10.0	124935.0	-6714.0	1418	8.8	131950.0	-6748.5	1508	10.0	134811.0	-6700.5	1598	9.5	141919.0	-6742.5
1329	9.5	124940.0	-6713.5	1419	10.0	132021.0	-6759.5	1509	9.9	134817.0	-6747.0	1599	9.6	141931.0	-6759.0
1330	9.9	124941.0	-6739.0	1420	9.5	132022.0	-6703.0	1510	9.5	134821.0	-6726.0	1600	10.0	142043.0	-6701.5
1331	9.6	124946.0	-6748.5	1421	10.2	132119.0	-6707.0	1511	9.9	134828.0	-6736.0	1601	10.0	142047.0	-6758.0
1332	9.2	125005.0	-6708.5	1422	10.2	132205.0	-6727.5	1512	10.2	134848.0	-6732.0	1602	6.3	142054.0	-6709.5
1333	9.9	125009.0	-6745.0	1423	9.7	132258.0	-6728.5	1513	7.8	134944.0	-6714.0	1603	8.9	142109.0	-6750.0
1334	10.0	125030.0	-6728.0	1424	10.2	132313.0	-6739.5	1514	9.8	134945.0	-6738.0	1604	10.0	142131.0	-6735.0
1335	9.5	125032.0	-6733.0	1425	10.0	132317.0	-6717.0	1515	8.5	135001.0	-6714.0	1605	9.8	142151.0	-6711.0
1336	10.2	125053.0	-6713.0	1426	9.8	132403.0	-6729.5	1516	9.2	135018.0	-6702.0	1606	10.0	142153.0	-6700.5
1337	9.7	125107.0	-6702.0	1427	10.1	132416.0	-6724.0	1517	10.0	135019.0	-6744.0	1607	9.1	142228.0	-6747.5
1338	9.8	125130.0	-6707.5	1428	10.0	132432.0	-6748.0	1518	9.6	135025.0	-6725.5	1608	8.8	142257.0	-6735.5
1339	10.0	125132.0	-6740.0	1429	9.1	132450.0	-6752.5	1519	9.4	135030.0	-6701.5	1609	7.1	142326.0	-6703.5
1340	9.5	125151.0	-6753.0	1430	10.0	132519.0	-6701.5	1520	9.9	135037.0	-6717.5	1610	8.0	142426.0	-6701.5
1341	10.0	125201.0	-6712.0	1431	9.8	132620.0	-6701.5	1521	10.1	135057.0	-6702.5	1611	10.2	142447.0	-6726.0
1342	9.3	125223.0	-6756.0	1432	10.1	132655.0	-6747.0	1522	9.3	135113.0	-6747.0	1612	9.5	142528.0	-6716.5
1343	10.0	125305.0	-6758.0	1433	9.8	132725.0	-6754.5	1523	9.5	135133.0	-6748.0	1613	9.8	142621.0	-6744.0
1344	9.8	125320.0	-6735.0	1434	10.2	132736.0	-6708.0	1524	9.8	135136.0	-6723.0	1614	10.0	142641.0	-6704.5
1345	9.5	125325.0	-6725.0	1435	9.6	132801.0	-6724.0	1525	10.0	135200.0	-6736.5	1615	10.0	142644.0	-6705.5
1346	8.3	125332.0	-6711.0	1436	9.8	132804.0	-6706.5	1526	9.8	135250.0	-6741.5	1616	10.0	142654.0	-6703.0
1347	10.1	125340.0	-6739.0	1437	9.4	132814.0	-6704.5	1527	7.5	135340.0	-6754.0	1617	9.2	142717.0	-6733.5
1348	9.1	125403.0	-6751.0	1438	9.5	132848.0	-6704.5	1528	9.2	135350.0	-6727.0	1618	6.5	142719.0	-6722.5
1349	9.8	125420.0	-6752.5	1439	8.9	132934.0	-6750.5	1529	8.5	135453.0	-6702.5	1619	9.8	142721.0	-6732.5
1350	9.2	125425.0	-6738.0	1440	9.2	132938.0	-6714.0	1530	9.9	135512.0	-6729.0	1620	10.0	142727.0	-6753.0
1351	9.4	125448.0	-6733.5	1441	10.0	132940.0	-6714.2	1531	9.7	135531.0	-6740.5	1621	10.0	142752.0	-6726.0
1352	9.6	125505.0	-6728.5	1442	6.8	133010.0	-6701.5	1532	10.0	135558.0	-6722.0	1622	10.0	142756.0	-6759.0
1353	10.1	125512.0	-6727.0	1443	9.6	133016.0	-6732.0	1533	10.0	135635.0	-6751.5	1623	9.5	142805.0	-6732.0
1354	9.5	125610.0	-6727.5	1444	9.3	133023.0	-6759.0	1534	9.4	135643.0	-6739.5	1624	7.0	142851.0	-6739.5
1355	9.9	125720.0	-6739.5	1445	10.0	133025.0	-6740.5	1535	9.2	135705.0	-6758.0	1625	9.9	142921.0	-6748.5
1356	9.1	125740.0	-6741.0	1446	9.5	133057.0	-6721.0	1536	9.6	135712.0	-6710.5	1626	9.4	142931.0	-6701.5
1357	9.4	125741.0	-6720.0	1447	9.0	133058.0	-6719.0	1537	9.3	135746.0	-6749.0	1627	10.1	143020.0	-6714.0
1358	9.0	125746.0	-6754.0	1448	10.2	133125.0	-6756.0	1538	8.5	135750.0	-6733.0	1628	8.0	143106.0	-6744.0
1359	9.0	125759.0	-6729.5	1449	10.2	133140.0	-6754.5	1539	9.1	135827.0	-6744.5	1629	9.7	143114.0	-6744.5
1360	10.1	125759.0	-6756.0	1450	9.6	133200.0	-6737.5	1540	9.7	135840.0	-6736.0	1630	9.3	143337.0	-6706.5
1361	10.2	125802.0	-6749.0	1451	9.6	133204.0	-6704.5	1541	8.9	135900.0	-6755.0	1631	10.1	143350.0	-6723.0
1362	9.2	125809.0	-6704.5	1452	8.1	133215.0	-6714.5	1542	8.1	135900.0	-6732.5	1632	10.0	143442.0	-6716.5
1363	8.5	125819.0	-6726.0	1453	9.0	133232.0	-6727.5	1543	10.0	135915.0	-6742.0	1633	10.0	143511.0	-6730.0
1364	10.0	125910.0	-6728.0	1454	10.0	133258.0	-6736.0	1544	9.7	135940.0	-6737.0	1634	9.1	143538.0	-6714.0
1365	9.1	125920.0	-6703.5	1455	10.0	133309.0	-6714.0	1545	10.0	135948.0	-6741.5	1635	10.2	143541.0	-6741.5
1366	9.3	125923.0	-6717.5	1456	9.8	133355.0	-6738.5	1546	9.4	140010.0	-6724.5	1636	8.5	143543.0	-6735.0
1367	10.1	125935.0	-6753.0	1457	10.0	133356.0	-6711.0	1547	10.0	140019.0	-6717.5	1637	9.9	143549.0	-6703.0
1368	10.0	130008.0	-6716.5	1458	10.1	133401.0	-6758.0	1548	9.0	140053.0	-6727.5	1638	9.7	143620.0	-6705.0
1369	7.2	130014.0	-6708.0	1459	9.0	133534.0	-6750.5	1549	10.0	140134.0	-6707.5	1639	9.8	143623.0	-6716.0
1370	9.3	130020.0	-6713.5	1460	10.0	133547.0	-6731.0	1550	10.0	140135.0	-6705.0	1640	9.5	143656.0	-6728.0
1371	10.0	130040.0	-6726.0	1461	9.3	133547.0	-6721.5	1551	9.8	140140.0	-6750.0	1641	7.2	143702.0	-6759.5
1372	10.0	130054.0	-6726.0	1462	10.0	133549.0	-6711.0	1552	9.5	140158.0	-6703.0	1642	8.7	143712.0	-6719.0
1373	9.2	130135.0	-6743.5	1463	8.7	133635.0	-6754.5	1553	10.0	140159.0	-6713.0	1643	10.2	143817.0	-6725.5
1374	9.5	130151.0	-6709.5	1464	9.4	133648.0	-6756.0	1554	9.8	140239.0	-6755.5	1644	9.7	143820.0	-6720.5
1375	9.7	130310.0	-6747.0	1465	9.8	133653.0	-6702.5	1555	9.7	140307.0	-6738.5	1645	10.1	143848.0	-6727.5
1376	9.5	130321.0	-6751.0	1466	9.0	133701.0	-6730.5	1556	10.1	140401.0	-6725.5	1646	9.5	143935.0	-6757.5
1377	9.1	130324.0	-6744.0	1467	9.9	133739.0	-6727.5	1557	7.6	140431.0	-6756.0	1647	10.1	143953.0	-6744.0
1378	9.7	130330.0	-6757.0	1468	9.7	133812.0	-6758.5	1558	9.8	140444.0	-6748.0	1648	9.3	143959.0	-6742.0
1379	9.3	130353.0	-6704.0	1469	8.0	133849.0	-6731.0	1559	9.8	140445.0	-6712.5	1649	8.3	144003.0	-6757.5
1380	10.0	130436.0	-6751.0	1470	9.7	133858.0	-6700.5	1560	10.1	140452.0	-6709.0	1650	9.8	144010.0	-6728.5
1381	7.9	130502.0	-6750.0	1471	10.0	133936.0	-6717.5	1561	8.1	140510.0	-6707.0	1651	9.3	144053.0	-6729.0
1382	9.1	130520.0	-6715.5	1472	9.6	134006.0	-6725.0	1562	7.8	140515.0	-6704.0	1652	9.2	144151.0	-6731.0
1383	9.7	130538.0	-6730.0	1473	9.8	134009.0	-6718.5	1563	9.6	140536.0	-6727.0	1653	7.5	144224.0	-6752.0
1384	7.7	130642.0	-6713.0	1474	10.1	134009.0	-6727.0	1564	7.8	140544.0	-6757.0	1654	9.6	144327.0	-6752.0
1385	5.3	130647.0	-6714.0	1475	9.9	134028.0	-6705.5	1565	10.0	140629.0	-6704.0	1655	9.1	144337.0	-6707.5
1386	8.8	130728.0	-6753.5	1476	10.0	134035.0	-6745.5	1566	10.0	140633.0	-6717.0	1656	9.3	144347.0	-6722.5
1387	10.0	130746.0	-6742.0	1477	9.9	134052.0	-6730.5	1567	8.0	140701.0	-6749.0	1657	10.0	144417.0	-6734.0
1388	9.6	130833.0	-6759.0	1478	9.7	134109.0	-6759.5	1568	9.5	140736.0	-6704.5	1658	9.9	144430.0	-6734.5
1389	9.8	130840.0	-6757.0	1479	10.0	134122.0	-6710.0	1569	8.2	140748.0	-6728.0	1659	10.1	144510.0	-6738.5
1390	9.4	130917.0	-6751.0	1480	10.0	134142.0	-6708.0	1570	9.7	140805.0	-6728.5	1660	9.7	144531.0	-6737.5
1391	8.4	130918.0	-6723.0	1481	10.2	134150.0	-6758.0	1571	9.3	140818.0	-6727.5	1661	9.9	144639.0	-6734.5
1392	6.8	130920.0	-6750.0	1482	9.5	134200.0	-6734.0	1572	10.2	140821.0	-6714.5	1662	9.5	144645.0	-6706.0

1663	10.0	144717.0	-6744.0	1753	8.5	151708.0	-6744.0	1843	8.4	154408.0	-6752.5
1664	9.3	144726.0	-6755.5	1754	9.5	151715.0	-6751.5	1844	10.0	154417.0	-6747.0
1665	9.0	144730.0	-6741.5	1755	8.9	151717.0	-6754.5	1845	9.5	154453.0	-6707.5
1666	9.4	144804.0	-6703.0	1756	9.4	151720.0	-6758.0	1846	9.2	154521.0	-6728.0
1667	10.1	144929.0	-6705.0	1757	10.0	151730.0	-6735.5	1847	8.5	154530.0	-6758.0
1668	10.1	144936.0	-6710.0	1758	9.1	151743.0	-6722.5	1848	9.5	154544.0	-6720.0
1669	10.0	144950.0	-6715.0	1759	9.7	151802.0	-6756.0	1849	9.9	154619.0	-6747.0
1670	7.3	145010.0	-6729.0	1760	7.5	151817.0	-6702.5	1850	10.0	154655.0	-6725.0
1671	9.8	145215.0	-6747.0	1761	10.0	151821.0	-6755.0	1851	9.3	154732.0	-6736.5
1672	9.7	145221.0	-6735.0	1762	8.9	151858.0	-6751.0	1852	9.5	154749.0	-6731.5
1673	10.1	145227.0	-6755.5	1763	9.3	151910.0	-6708.0	1853	9.4	154750.0	-6700.5
1674	9.9	145233.0	-6753.5	1764	10.0	151911.0	-6759.5	1854	9.4	154757.0	-6703.5
1675	9.8	145256.0	-6710.0	1765	10.0	151911.0	-6749.5	1855	10.0	154800.0	-6737.0
1676	10.0	145315.0	-6738.0	1766	8.6	151912.0	-6712.0	1856	9.5	154809.0	-6701.5
1677	10.2	145323.0	-6703.0	1767	8.8	151913.0	-6720.0	1857	9.5	154829.0	-6750.5
1678	10.0	145326.0	-6759.5	1768	9.0	151931.0	-6705.5	1858	8.8	154834.0	-6745.5
1679	9.3	145335.0	-6738.0	1769	9.8	151940.0	-6748.0	1859	10.0	155014.0	-6703.0
1680	9.3	145342.0	-6739.0	1770	10.0	152020.0	-6710.0	1860	10.0	155034.0	-6732.0
1681	9.9	145358.0	-6753.0	1771	8.7	152039.0	-6742.0	1861	10.2	155039.0	-6731.0
1682	9.3	145401.0	-6711.0	1772	9.5	152101.0	-6711.5	1862	10.0	155049.0	-6734.0
1683	9.5	145404.0	-6719.5	1773	8.5	152309.0	-6746.0	1863	9.8	155128.0	-6708.0
1684	9.6	145428.0	-6709.5	1774	9.7	152323.0	-6700.5	1864	9.9	155131.0	-6735.5
1685	9.5	145440.0	-6753.0	1775	9.6	152330.0	-6742.0	1865	9.2	155134.0	-6753.0
1686	10.0	145501.0	-6736.0	1776	8.5	152331.0	-6757.0	1866	9.7	155239.0	-6703.0
1687	10.1	145511.0	-6726.0	1777	9.8	152358.0	-6732.5	1867	9.6	155251.0	-6745.0
1688	9.6	145550.0	-6743.5	1778	9.9	152400.0	-6722.0	1868	10.0	155258.0	-6744.5
1689	9.0	145746.0	-6701.0	1779	10.0	152410.0	-6725.5	1869	8.8	155409.0	-6714.0
1690	9.8	145753.0	-6743.0	1780	9.9	152436.0	-6705.5	1870	9.8	155426.0	-6746.0
1691	9.8	145811.0	-6716.5	1781	9.0	152446.0	-6751.5	1871	10.0	155430.0	-6745.0
1692	10.0	145814.0	-6705.0	1782	8.3	152511.0	-6703.5	1872	9.6	155446.0	-6738.0
1693	8.5	145900.0	-6742.0	1783	10.0	152514.0	-6738.0	1873	9.4	155450.0	-6728.0
1694	8.3	145923.0	-6705.5	1784	9.2	152515.0	-6744.0	1874	9.9	155510.0	-6733.5
1695	9.8	145939.0	-6749.0	1785	9.7	152530.0	-6748.0	1875	10.0	155516.0	-6724.0
1696	7.5	145954.0	-6730.0	1786	9.8	152650.0	-6751.0	1876	9.9	155532.0	-6716.5
1697	9.8	150006.0	-6744.0	1787	10.0	152724.0	-6756.0	1877	9.8	155537.0	-6717.5
1698	7.3	150023.0	-6714.0	1788	8.5	152743.0	-6751.0	1878	10.2	155549.0	-6734.0
1699	9.9	150028.0	-6743.0	1789	9.5	152901.0	-6724.0	1879	9.8	155630.0	-6745.5
1700	9.8	150152.0	-6735.0	1790	10.0	152916.0	-6753.0	1880	9.6	155633.0	-6715.5
1701	9.5	150202.0	-6715.5	1791	9.1	152931.0	-6757.5	1881	10.0	155649.0	-6731.0
1702	9.2	150231.0	-6730.5	1792	8.8	152943.0	-6710.5	1882	9.6	155701.0	-6736.0
1703	10.0	150238.0	-6725.5	1793	9.4	152950.0	-6736.0	1883	9.7	155715.0	-6722.0
1704	9.5	150240.0	-6716.0	1794	10.0	153021.0	-6706.5	1884	9.4	155717.0	-6723.0
1705	9.8	150244.0	-6702.0	1795	9.3	153030.0	-6749.0	1885	9.7	155852.0	-6734.0
1706	9.8	150248.0	-6729.0	1796	9.7	153031.0	-6709.5	1886	9.8	155956.0	-6756.0
1707	9.3	150252.0	-6708.0	1797	9.9	153036.0	-6747.0	1887	10.0	160003.0	-6733.0
1708	9.4	150303.0	-6747.5	1798	9.3	153146.0	-6728.0	1888	8.5	160012.0	-6734.5
1709	8.5	150326.0	-6736.5	1799	9.0	153214.0	-6740.5	1889	9.5	160015.0	-6739.5
1710	9.6	150326.0	-6726.5	1800	8.5	153223.0	-6704.0	1890	10.0	160048.0	-6748.5
1711	9.6	150328.0	-6746.0	1801	9.0	153225.0	-6758.0	1891	10.0	160059.0	-6757.0
1712	10.0	150335.0	-6740.0	1802	9.2	153255.0	-6736.0	1892	9.7	160135.0	-6728.5
1713	8.7	150458.0	-6701.5	1803	10.0	153320.0	-6759.5	1893	9.5	160150.0	-6733.5
1714	9.0	150507.0	-6750.0	1804	9.8	153330.0	-6751.5	1894	9.5	160203.0	-6750.5
1715	8.6	150509.0	-6724.5	1805	10.0	153358.0	-6711.0	1895	9.5	160215.0	-6747.5
1716	10.0	150510.0	-6757.0	1806	9.9	153418.0	-6733.0	1896	9.2	160230.0	-6706.5
1717	8.9	150517.0	-6711.5	1807	9.5	153421.0	-6703.0	1897	9.6	160230.0	-6718.0
1718	9.0	150522.0	-6731.5	1808	9.3	153433.0	-6700.5	1898	9.7	160244.0	-6744.5
1719	10.0	150546.0	-6746.5	1809	9.7	153441.0	-6741.5	1899	9.4	160305.0	-6718.0
1720	9.9	150619.0	-6715.5	1810	9.9	153442.0	-6702.0	1900	9.9	160319.0	-6746.5
1721	9.8	150646.0	-6734.5	1811	9.9	153536.0	-6719.0	1901	10.0	160322.0	-6722.5
1722	9.5	150650.0	-6728.5	1812	9.9	153541.0	-6745.0	1902	10.2	160345.0	-6706.0
1723	9.3	150711.0	-6734.0	1813	10.0	153546.0	-6725.0	1903	9.8	160348.0	-6719.0
1724	9.5	150713.0	-6729.5	1814	9.4	153559.0	-6744.0	1904	9.9	160359.0	-6752.0
1725	9.3	150810.0	-6730.5	1815	9.6	153601.0	-6743.0	1905	9.0	160420.0	-6746.5
1726	9.2	150822.0	-6718.5	1816	10.1	153648.0	-6744.5	1906	9.8	160429.0	-6711.5
1727	9.9	150907.0	-6708.0	1817	10.1	153655.0	-6740.5	1907	6.3	160439.0	-6737.5
1728	6.6	150917.0	-6701.5	1818	9.3	153731.0	-6754.5	1908	7.5	160443.0	-6719.0
1729	8.5	150928.0	-6701.0	1819	8.9	153751.0	-6743.5	1909	9.7	160501.0	-6724.5
1730	9.8	150946.0	-6757.5	1820	9.7	153801.0	-6720.0	1910	9.3	160508.0	-6706.0
1731	9.8	151010.0	-6745.0	1821	10.0	153815.0	-6736.5	1911	9.4	160520.0	-6756.0
1732	10.0	151023.0	-6701.5	1822	10.0	153828.0	-6714.0	1912	10.0	160603.0	-6707.5
1733	10.0	151058.0	-6749.5	1823	9.7	153835.0	-6726.0	1913	9.5	160655.0	-6728.5
1734	10.2	151104.0	-6757.0	1824	9.1	153840.0	-6744.5	1914	9.8	160658.0	-6757.5
1735	10.2	151109.0	-6744.5	1825	9.9	153848.0	-6709.0	1915	9.0	160715.0	-6727.5
1736	10.0	151119.0	-6754.0	1826	8.8	153916.0	-6722.5	1916	9.5	160725.0	-6758.5
1737	9.5	151209.0	-6730.5	1827	9.7	153921.0	-6729.5	1917	9.3	160727.0	-6742.5
1738	10.0	151221.0	-6735.5	1828	10.0	153953.0	-6753.5	1918	8.9	160749.0	-6741.5
1739	10.0	151236.0	-6737.0	1829	7.3	154038.0	-6715.5	1919	9.2	160758.0	-6703.5
1740	9.3	151241.0	-6714.0	1830	10.0	154118.0	-6716.5	1920	9.5	160800.0	-6751.5
1741	9.2	151311.0	-6749.5	1831	10.0	154119.0	-6731.5	1921	10.0	160820.0	-6713.0
1742	10.2	151326.0	-6752.5	1832	9.8	154121.0	-6720.0	1922	10.0	160825.0	-6712.0
1743	9.8	151329.0	-6755.0	1833	8.7	154125.0	-6748.5	1923	9.7	160855.0	-6745.5
1744	10.0	151409.0	-6749.0	1834	9.8	154151.0	-6759.5	1924	9.8	160858.0	-6743.0
1745	10.0	151418.0	-6739.5	1835	10.0	154158.0	-6701.5	1925	8.1	160901.0	-6705.0
1746	9.8	151420.0	-6717.0	1836	9.9	154223.0	-6725.0	1926	10.0	160909.0	-6706.0
1747	6.5	151430.0	-6751.5	1837	10.0	154243.0	-6745.5	1927	8.3	160916.0	-6701.0
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1749	9.9	151448.0	-6729.0	1839	9.7	154339.0	-6702.5	1929	9.8	161015.0	-6728.5
1750	10.2	151546.0	-6706.5	1840	9.0	154340.0	-6701.5	1930	10.0	161020.0	-6746.5
1751	10.1	151610.0	-6750.5	1841	10.0	154353.0	-6714.0	1931	9.9	161053.0	-6730.0
1752	9.8	151657.0	-6737.5	1842	8.9	154359.0	-6704.0	1932	10.0	161057.0	-6738.5
1933	10.1	161114.0	-6733.0								
1934	8.5	161235.0	-6750.0								
1935	9.5	161243.0	-6708.0								
1936	9.8	161245.0	-6707.0								
1937	9.0	161331.0	-6717.5								
1938	9.9	161414.0	-6717.5								
1939	10.0	161448.0	-6705.0								
1940	8.9	161450.0	-6735.5								
1941	9.9	161452.0	-6707.0								
1942	10.0	161530.0	-6727.0								
1943	10.2	161553.0	-6709.5								
1944	8.5	161623.0	-6712.0								
1945	9.3	161639.0	-6744.0								
1946	8.7	161646.0	-6728.5								
1947	10.0	161700.0	-6741.0								
1948	9.9	161741.0	-6717.0								
1949	9.2	161748.0	-6702.0								
1950	8.5	161801.0	-6747.5								
1951	9.8	161811.0	-6707.5								
1952	8.5	161935.0	-6701.0								
1953	9.5	162034.0	-6709.5								
1954	10.1	162036.0	-6759.0								
1955	10.0	162050.0	-6756.0								
1956	9.5	162109.0	-6759.5								
1957	10.0	162136.0	-6753.5								
1958	9.5	162203.0	-6705.0								
1959	9.7	162209.0	-6718.0								
1960	9.2	162210.0	-6753.5								
1961	10.0	162212.0	-6745.5								
1962	8.3	162227.0	-6702.5								
1963	9.7	162243.0	-6757.0								
1964	8.2	162300.0	-6705.0								
1965	8.5	162304.0	-6713.0								
1966	9.7	162321.0	-6702.0								
1967	8.4	162325.0	-6711.0								
1968	8.9	162349.0	-6753.0								
1969	8.7	162410.0	-6709.5								
1970	9.8	162413.0	-6741.0								
1971	9.8	162500.0	-6722.0								
1972	9.2	162520.0	-6746.0								
1973	9.9	162540.0	-6730.0								
1974	9.7	162555.0	-6751.0								
1975	10.0	162617.0	-6740.0								
1976	9.8	162751.0	-6725.0								
1977	10.0	162753.0	-6722.0								
1978	10.1	162802.0	-6736.5								
1979	9.9	162908.0	-6740.5								
1980	10.0	162916.0	-6721.5								
1981	9.7	162926.0	-6753.5								
1982	8.2	162935.0	-6714.0								
1983	10.0	163015.0	-6703.0								
1984	10.0	163022.0	-6701.0								
1985	9.5	163026.0	-6711.0								
1986	6.6	163044.0	-6711.0								
1987	10.0	163105.0	-6756.5								
1988	9.8	163149.0	-6712.0								
1989	7.4	163311.0	-6730.5								
1990	6.6	163405.0	-6752.0								
1991	9.8	163458.0	-6715.0								
1992	9.1	163503.0	-6729.0								
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1995	9.7	163627.0	-6714.5								
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1998	9.5	163640.0	-6751.0								
1999	9.7	163648.0	-6734.0								
2000	8.8	163720.0	-6733.0								
2001	9.5	163738.0	-6735.0								
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2007	7.0	163932.0	-6727.5								
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2009	9.5	163955.0	-6728.0								
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2011	9.8	164033.0	-6727.0								
2012	9.0	164052.0	-6734.0								
2013	9.9	164055.0	-6728.0								
2014	9.2	164141.0	-6708.0								
2015	9.7	164240.0	-6745.0								
2016	9.7	164250.0	-6758.0								
2017	10.0	164308.0	-6706.0								
2018	9.8	164320.0	-6753.0								
2019	10.0	164338.0	-6732.5								
2020	10.0	164338.0	-6738.5								
2021	10.0	164357.0	-6723.5								
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2412	9.2	200933.0	-6756.5	2502	9.9	214155.0	-6754.0	2592	10.0	230920.0	-6731.5
2413	7.2	200935.0	-6742.5	2503	10.2	214220.0	-6704.0	2593	9.3	230927.0	-6736.5
2414	6.7	200942.0	-6708.5	2504	9.7	214243.0	-6706.0	2594	9.1	230930.0	-6735.5
2415	10.0	201008.0	-6744.0	2505	9.8	214308.0	-6750.0	2595	9.9	231358.0	-6708.0
2416	8.2	201214.0	-6759.5	2506	9.5	214337.0	-6736.0	2596	6.6	231940.0	-6716.0
2417	10.0	201317.0	-6759.5	2507	9.3	214458.0	-6729.5	2597	8.6	232040.0	-6736.0
2418	9.5	201340.0	-6759.0	2508	9.5	214621.0	-6702.5	2598	8.5	232158.0	-6754.5
2419	9.8	201527.0	-6725.0	2509	10.4	214708.0	-6725.0	2599	10.0	232552.0	-6749.5
2420	9.6	201538.0	-6719.5	2510	8.3	214754.0	-6742.5	2600	9.4	232908.0	-6745.5
2421	8.5	201746.0	-6722.0	2511	10.0	214836.0	-6718.5	2601	9.3	232920.0	-6728.0
2422	10.0	201824.0	-6743.0	2512	10.0	214855.0	-6757.5	2602	9.5	232935.0	-6707.0
2423	9.4	201825.0	-6725.5	2513	10.2	215205.0	-6717.0	2603	9.0	233052.0	-6744.5
2424	9.8	201913.0	-6713.5	2514	10.1	215303.0	-6728.0	2604	10.2	233346.0	-6751.5
2425	9.8	201941.0	-6701.0	2515	10.0	215358.0	-6711.0	2605	10.2	233426.0	-6736.5
2426	9.8	202133.0	-6727.0	2516	9.5	215437.0	-6727.0	2606	10.0	233517.0	-6723.5
2427	10.0	202157.0	-6732.0	2517	10.2	215556.0	-6739.0	2607	9.9	233527.0	-6734.0
2428	8.5	202237.0	-6710.0	2518	9.9	215626.0	-6750.5	2608	9.5	233556.0	-6717.0
2429	7.7	202246.0	-6709.0	2519	9.3	215704.0	-6742.0	2609	9.5	233800.0	-6722.0
2430	10.0	202315.0	-6740.5	2520	9.7	215748.0	-6735.5	2610	8.1	233908.0	-6732.5
2431	10.0	202411.0	-6701.5	2521	9.6	215826.0	-6745.0	2611	6.7	234108.0	-6715.5
2432	10.0	202435.0	-6744.0	2522	7.7	215835.0	-6706.5	2612	10.0	234205.0	-6728.0
2433	9.1	202453.0	-6715.5	2523	9.9	215905.0	-6744.0	2613	10.0	234510.0	-6704.0
2434	8.3	202509.0	-6751.0	2524	10.2	220310.0	-6719.5	2614	9.8	234529.0	-6721.0
2435	9.9	202640.0	-6744.5	2525	7.5	220409.0	-6724.0	2615	9.1	234630.0	-6720.5
2436	10.0	202834.0	-6756.0	2526	9.2	220409.0	-6712.0	2616	9.4	234815.0	-6756.0
2437	9.9	202904.0	-6754.0	2527	9.8	220445.0	-6747.0	2617	7.5	235121.0	-6742.0
2438	9.4	202940.0	-6704.0	2528	9.5	220446.0	-6704.0	2618	10.0	235227.0	-6729.5
2439	8.5	203013.0	-6729.5	2529	10.2	220456.0	-6733.0	2619	9.9	235242.0	-6704.0
2440	10.0	203023.0	-6747.0	2530	10.0	220540.0	-6717.0	2620	9.5	235257.0	-6740.5
2441	5.6	203029.0	-6712.0	2531	10.0	220602.0	-6700.5	2621	10.2	235306.0	-6719.5
2442	10.0	203105.0	-6720.5	2532	10.2	220626.0	-6721.0	2622	10.0	235333.0	-6725.5
2443	10.0	203112.0	-6723.5	2533	10.2	220815.0	-6733.0	2623	7.9	235406.0	-6722.5
2444	8.2	203355.0	-6720.0	2534	8.5	220827.0	-6749.0	2624	10.2	235728.0	-6723.5
2445	8.9	203419.0	-6715.5	2535	9.3	220910.0	-6738.5	2625	10.2	235810.0	-6734.5
2446	10.0	203421.0	-6737.0	2536	7.5	221043.0	-6730.5	2626	9.5	235921.0	-6712.5
2447	10.0	203647.0	-6708.0	2537	9.5	221050.0	-6755.0	1	9.7	00336.0	-6808.5
2448	9.4	203854.0	-6736.5	2538	10.0	221109.0	-6729.0	2	9.5	00403.0	-6810.0
2449	8.3	203854.0	-6738.5	2539	7.9	221243.0	-6743.0	3	9.5	00731.0	-6854.0
2450	9.2	204023.0	-6728.0	2540	9.8	221330.0	-6740.0	4	8.4	01000.0	-6836.0
2451	10.0	204157.0	-6740.5	2541	9.0	221440.0	-6733.5	5	9.8	01111.0	-6809.0
2452	9.1	204344.0	-6753.0	2542	9.9	221520.0	-6757.5	6	9.8	01202.0	-6811.5
2453	9.8	204607.0	-6700.0	2543	9.1	221535.0	-6729.5	7	9.5	01308.0	-6816.5
2454	9.6	204630.0	-6745.0	2544	10.0	221613.0	-6713.0	8	9.2	01335.0	-6805.0
2455	8.0	204655.0	-6713.5	2545	9.5	221701.0	-6705.5	9	10.1	01439.0	-6806.0
2456	10.0	204954.0	-6721.0	2546	9.0	221730.0	-6714.5	10	10.0	01522.0	-6824.0
2457	9.9	205103.0	-6747.5	2547	9.4	221950.0	-6727.0	11	7.8	01629.0	-6819.5
2458	9.0	205159.0	-6753.0	2548	10.0	222126.0	-6710.0	12	9.5	01753.0	-6825.0
2459	9.6	205230.0	-6721.5	2549	8.4	222126.0	-6701.5	13	8.0	01948.0	-6826.5
2460	9.2	205409.0	-6726.5	2550	8.1	222142.0	-6756.5	14	9.6	02040.0	-6852.5
2461	9.7	205607.0	-6736.0	2551	9.4	222322.0	-6742.5	15	8.3	02105.0	-6825.0
2462	9.7	205658.0	-6724.0	2552	9.7	222413.0	-6711.5	16	10.0	02606.0	-6824.0
2463	9.8	205705.0	-6732.0	2553	9.9	222436.0	-6706.0	17	9.5	02657.0	-6842.0
2464	9.5	205826.0	-6740.0	2554	8.7	222705.0	-6756.0	18	8.8	02726.0	-6851.5
2465	9.4	210201.0	-6726.0	2555	9.8	222718.0	-6733.5	19	10.0	02753.0	-6836.5
2466	9.0	210256.0	-6728.0	2556	9.7	222842.0	-6744.5	20	9.0	02815.0	-6806.0
2467	9.3	210350.0	-6717.5	2557	10.2	222942.0	-6750.0	21	9.2	02901.0	-6835.0
2468	10.0	210502.0	-6759.0	2558	10.0	222957.0	-6730.0	22	9.9	03031.0	-6818.5
2469	9.2	210748.0	-6719.0	2559	9.5	223156.0	-6756.0	23	10.0	03105.0	-6851.0
2470	9.7	210823.0	-6753.0	2560	9.7	223223.0	-6713.0	24	9.1	03234.0	-6838.0
2471	9.5	210929.0	-6747.0	2561	9.8	223538.0	-6708.5	25	10.0	03303.0	-6816.5
2472	9.1	211010.0	-6739.0	2562	9.2	223642.0	-6748.0	26	9.1	03316.0	-6816.0
27	8.4	03534.0	-6852.5								
28	10.0	03715.0	-6846.5								
29	9.8	04038.0	-6833.5								
30	8.8	04234.0	-6823.5								
31	8.5	04332.0	-6813.0								
32	10.0	04359.0	-6842.0								
33	10.1	04423.0	-6855.0								
34	9.5	04728.0	-6850.5								
35	9.3	04956.0	-6807.5								
36	9.8	04959.0	-6807.5								
37	9.9	05225.0	-6810.5								
38	8.2	05318.0	-6852.0								
39	9.5	05454.0	-6842.0								
40	10.2	05503.0	-6841.0								
41	9.0	05601.0	-6846.0								
42	10.1	05832.0	-6827.0								
43	9.7	05841.0	-6843.0								
44	10.0	05853.0	-6819.0								
45	9.7	10146.0	-6839.0								
46	10.0	10300.0	-6846.0								
47	10.0	10552.0	-6808.0								
48	10.2	10556.0	-6848.0								
49	9.6	10659.0	-6843.0								
50	6.9	11211.0	-6805.5								
51	9.8	11317.0	-6858.0								
52	8.9	11548.0	-6805.0								
53	8.5	11620.0	-6843.5								
54	8.5	11928.0	-6838.0								
55	9.4	11945.0	-6859.0								
56	10.2	11947.0	-6852.0								
57	8.3	12143.0	-6804.0								
58	8.5	12213.0	-6829.5								
59	10.0	12308.0	-6824.0								
60	7.7	12456.0	-6849.5								
61	8.2	12514.0	-6808.0								
62	9.5	12521.0	-6805.0								
63	9.8	12915.0	-6821.0								
64	10.0	12953.0	-6822.5								
65	9.9	13011.0	-6810.0								
66	9.2	13240.0	-6853.0								
67	8.4	13434.0	-6812.0								
68	8.8	13505.0	-6841.5								
69	9.3	13552.0	-6832.0								
70	8.5	13627.0	-6853.5								
71	9.7	13708.0	-6839.5								
72	8.9	13712.0	-6826.0								
73	9.5	13731.0	-6838.5								
74	8.3	13738.0	-6817.5								
75	9.5	13834.0	-6839.5								
76	9.5	14133.0	-6836.0								
77	8.9	14306.0	-6819.0								
78	10.2	14315.0	-6805.5								
79	9.0	14348.0	-6838.0								
80	9.4	14400.0	-6823.0								
81	9.1	14540.0	-6843.5								
82	10.0	14625.0	-6827.0								
83	9.5	14652.0	-6826.0								
84	10.2	14654.0	-6819.5								
85	10.0	14710.0	-6843.5								
86	8.8	14836.0	-6844.5								
87	7.0	14927.0	-6833.5								
88	8.8	14955.0	-6848.5								
89	10.0	14958.0	-6834.5								
90	10.0	15039.0	-6806.0								
91	4.9	15148.0	-6815.5								
92	9.2	15213.0	-6831.0								
93	9.2	15231.0	-6828.0								
94	8.5	15511.0	-6811.5								
95	10.2	15651.0	-6812.0								
96	10.0	15751.0	-6817.0								
97	8.2	20214.0	-6854.0								
98	10.0	20714.0	-6840.0								
99	10.2	20717.0	-6804.0								
100	10.0	20729.0	-6823.0								
101	9.9	20753.0	-6852.0								
102	10.0	20819.0	-6843.5								
103	10.0	20848.0	-6806.5								
104	10.2	21138.0	-6844.5								
105	5.9	21139.0	-6825.5								
106	5.9	21254.0	-6819.5								
107	10.0	21330.0	-6813.0								
108	8.9	21410.0	-6858.0								
109	9.0	21437.0	-6846.0								
110	7.8	21545.0	-6821.5								
111	8.1	21702.0	-6815.5								
112	7.4	21724.0	-6839.5								
113	9.0	21829.0	-6841.5								
114	9.5	21940.0	-6820.5								
115	10.0	22030.0	-6836.5								
116	9.0	22152.0	-6843.0								

-68 117 2h22m

-68 476 7h30m

117	9.2	22223.0	-6842.5	207	10.0	41920.0	-6850.5	297	9.5	52325.0	-6810.0
118	9.2	22310.0	-6836.0	208	7.7	42009.0	-6859.5	298	10.0	52340.0	-6800.5
119	8.3	22311.0	-6820.0	209	9.5	42010.0	-6822.0	299	10.0	52341.0	-6800.0
120	10.2	22357.0	-6842.5	210	9.7	42035.0	-6805.0	300	9.5	52510.0	-6800.0
121	10.0	22656.0	-6847.0	211	9.5	42052.0	-6823.5	301	10.0	52519.0	-6841.0
122	10.2	22748.0	-6840.0	212	10.0	42057.0	-6818.5	302	8.7	52530.0	-6806.5
123	10.2	22846.0	-6815.0	213	10.0	42103.0	-6806.0	303	10.0	52703.0	-6812.0
124	7.7	22903.0	-6831.0	214	9.9	42110.0	-6855.0	304	10.0	52719.0	-6858.0
125	9.9	23217.0	-6811.5	215	9.8	42155.0	-6844.5	305	9.8	52731.0	-6856.0
126	9.5	23254.0	-6841.0	216	9.5	42301.0	-6810.0	306	20.0	52732.0	-6856.3
127	9.0	23323.0	-6842.5	217	10.0	42402.0	-6816.0	307	10.0	52740.0	-6856.3
128	10.2	23515.0	-6825.5	218	10.0	42539.0	-6823.0	308	6.4	52741.0	-6843.5
129	9.6	23630.0	-6805.0	219	10.1	42705.0	-6808.0	309	10.0	52745.0	-6836.0
130	4.2	23741.0	-6848.0	220	10.1	42734.0	-6806.0	310	9.5	52812.0	-6810.5
131	9.7	23903.0	-6833.0	221	8.8	42743.0	-6816.5	311	10.0	52923.0	-6808.5
132	10.0	24207.0	-6835.5	222	7.7	43004.0	-6809.5	312	20.0	52937.0	-6850.5
133	8.5	24218.0	-6840.5	223	9.9	43530.0	-6829.5	313	9.7	53014.0	-6847.5
134	10.2	24309.0	-6821.0	224	9.4	43555.0	-6829.5	314	10.0	53046.0	-6801.5
135	5.2	24339.0	-6808.5	225	10.2	43750.0	-6837.0	315	9.9	53101.0	-6812.0
136	10.0	24813.0	-6858.0	226	10.2	43914.0	-6802.5	316	9.9	53136.0	-6812.0
137	10.0	24826.0	-6834.0	227	10.0	44052.0	-6821.5	317	10.0	53144.0	-6850.0
138	6.7	24904.0	-6802.0	228	10.0	44122.0	-6857.0	318	9.9	53230.0	-6837.5
139	9.5	24944.0	-6807.0	229	8.5	44153.0	-6850.0	319	10.0	53353.0	-6839.0
140	10.2	24953.0	-6825.0	230	10.0	44311.0	-6836.0	320	9.2	53419.0	-6801.0
141	10.0	25142.0	-6822.0	231	8.2	44518.0	-6834.5	321	9.9	53456.0	-6805.5
142	10.2	25145.0	-6823.0	232	10.0	44518.0	-6836.5	322	8.5	53514.0	-6817.0
143	10.0	25347.0	-6814.0	233	10.0	44549.0	-6858.0	323	10.0	53541.0	-6850.5
144	10.2	25420.0	-6847.0	234	10.0	44653.0	-6820.5	324	9.7	53613.0	-6838.0
145	10.2	25428.0	-6839.0	235	9.4	44654.0	-6857.5	325	10.2	53622.0	-6822.0
146	8.9	25501.0	-6845.5	236	7.4	44700.0	-6846.0	326	10.0	53720.0	-6858.5
147	9.5	25716.0	-6838.0	237	8.8	44826.0	-6859.0	327	9.7	53738.0	-6851.0
148	9.5	30110.0	-6814.0	238	10.2	44836.0	-6859.0	328	10.0	53743.0	-6856.0
149	8.9	30324.0	-6821.5	239	6.8	45138.0	-6817.0	329	10.2	53809.0	-6803.0
150	10.0	30326.0	-6814.0	240	9.2	45149.0	-6839.0	330	9.7	53810.0	-6848.0
151	9.3	30452.0	-6829.0	241	8.5	45153.0	-6818.0	331	10.0	53811.0	-6830.0
152	9.4	30458.0	-6841.0	242	9.7	45403.0	-6836.0	332	9.8	53847.0	-6830.5
153	8.5	30612.0	-6856.0	243	9.6	45451.0	-6830.0	333	10.0	53850.0	-6849.5
154	10.0	30720.0	-6819.0	244	10.0	45523.0	-6852.0	334	10.0	53923.0	-6857.0
155	10.2	30742.0	-6817.0	245	20.0	45536.0	-6824.0	335	10.2	54010.0	-6800.0
156	10.0	30858.0	-6809.0	246	9.3	45635.0	-6831.0	336	10.0	54049.0	-6829.0
157	8.5	30956.0	-6841.5	247	20.0	45742.0	-6836.0	337	9.9	54051.0	-6848.0
158	8.8	31143.0	-6847.5	248	10.0	45855.0	-6838.5	338	10.0	54106.0	-6818.0
159	10.0	31200.0	-6853.0	249	10.0	45942.0	-6825.5	339	7.5	54203.0	-6849.5
160	10.0	31359.0	-6823.0	250	8.3	50023.0	-6846.0	340	9.9	54220.0	-6856.5
161	10.0	31448.0	-6845.5	251	10.0	50045.0	-6823.5	341	8.7	54247.0	-6846.0
162	10.2	31457.0	-6847.0	252	10.0	50130.0	-6810.0	342	9.9	54321.0	-6828.0
163	8.5	31641.0	-6837.0	253	8.9	50153.0	-6812.5	343	9.2	54354.0	-6839.0
164	7.1	32008.0	-6859.0	254	9.1	50258.0	-6801.5	344	8.0	54409.0	-6808.0
165	8.5	32109.0	-6855.0	255	9.5	50332.0	-6841.0	345	9.5	54557.0	-6804.0
166	9.5	32238.0	-6857.0	256	8.0	50529.0	-6815.0	346	10.0	54745.0	-6841.0
167	9.8	32301.0	-6823.0	257	9.9	50554.0	-6825.0	347	9.5	54924.0	-6825.0
168	8.5	32359.0	-6847.0	258	9.3	50615.0	-6803.5	348	9.8	54940.0	-6834.0
169	10.0	32403.0	-6848.0	259	8.8	50629.0	-6835.0	349	8.9	55118.0	-6827.0
170	10.0	32427.0	-6828.0	260	10.2	50729.0	-6805.0	350	9.9	55147.0	-6842.0
171	9.3	32515.0	-6803.0	261	9.9	50732.0	-6838.0	351	9.8	55224.0	-6805.0
172	9.9	32658.0	-6824.5	262	9.5	50849.0	-6854.0	352	10.2	55258.0	-6820.5
173	9.8	32734.0	-6836.5	263	9.7	50855.0	-6838.0	353	9.7	55304.0	-6813.0
174	9.2	32942.0	-6837.0	264	20.0	50925.0	-6855.0	354	9.3	55322.0	-6859.5
175	10.0	33013.0	-6851.5	265	9.8	50925.0	-6803.0	355	9.3	55340.0	-6828.0
176	9.7	33240.0	-6805.0	266	9.8	51008.0	-6801.0	356	10.0	55431.0	-6835.5
177	9.7	33314.0	-6831.0	267	9.9	51103.0	-6855.0	357	9.7	55547.0	-6840.5
178	9.8	33345.0	-6818.0	268	10.0	51108.0	-6823.5	358	7.5	55611.0	-6804.0
179	9.2	33416.0	-6815.0	269	9.8	51246.0	-6805.0	359	9.5	55630.0	-6816.5
180	8.5	33425.0	-6816.5	270	10.0	51259.0	-6809.0	360	10.2	55803.0	-6829.5
181	9.0	33439.0	-6848.0	271	10.0	51320.0	-6834.5	361	20.0	55936.0	-6831.5
182	7.8	33620.0	-6851.0	272	8.5	51401.0	-6809.5	362	9.9	60028.0	-6827.0
183	10.2	33632.0	-6817.0	273	10.0	51512.0	-6821.0	363	9.6	60325.0	-6815.0
184	9.9	33708.0	-6859.0	274	9.9	51600.0	-6858.5	364	10.2	60330.0	-6828.0
185	10.0	33713.0	-6821.0	275	7.8	51601.0	-6812.0	365	10.2	60355.0	-6815.0
186	10.0	33751.0	-6823.0	276	10.0	51635.0	-6823.0	366	9.9	60414.0	-6802.5
187	10.2	33907.0	-6856.0	277	8.7	51639.0	-6815.5	367	9.5	60425.0	-6830.5
188	9.9	33942.0	-6849.5	278	8.6	51713.0	-6819.0	368	10.0	60515.0	-6828.0
189	9.2	33947.0	-6816.5	279	9.7	51717.0	-6845.0	369	9.8	60540.0	-6822.5
190	9.3	34040.0	-6856.5	280	9.7	51735.0	-6816.0	370	9.8	60708.0	-6805.0
191	9.2	34058.0	-6834.0	281	9.0	51758.0	-6836.0	371	10.0	60712.0	-6859.0
192	9.8	34141.0	-6852.5	282	7.6	51814.0	-6843.5	372	10.0	60733.0	-6815.5
193	10.0	34212.0	-6820.0	283	9.2	51832.0	-6829.0	373	10.0	60752.0	-6814.0
194	9.5	34358.0	-6808.0	284	8.5	51838.0	-6836.0	374	5.2	60931.0	-6849.0
195	10.0	34451.0	-6845.0	285	10.0	51847.0	-6833.0	375	10.0	61008.0	-6812.0
196	10.0	34840.0	-6822.0	286	10.0	51909.0	-6809.5	376	10.0	61143.0	-6851.0
197	10.0	35121.0	-6853.5	287	9.8	51931.0	-6842.0	377	10.0	61154.0	-6832.0
198	10.0	35612.0	-6849.5	288	9.5	51941.0	-6852.0	378	10.0	61210.0	-6833.5
199	8.0	35817.0	-6842.0	289	9.5	51946.0	-6853.0	379	10.1	61324.0	-6805.0
200	8.5	40558.0	-6802.5	290	10.0	51948.0	-6842.5	380	20.0	61333.0	-6813.0
201	10.0	40731.0	-6843.0	291	10.0	52031.0	-6806.0	381	10.0	61440.0	-6834.0
202	9.5	40750.0	-6841.0	292	9.0	52119.0	-6806.5	382	9.5	61502.0	-6859.0
203	9.3	40826.0	-6850.5	293	9.6	52132.0	-6828.0	383	10.0	61503.0	-6826.0
204	9.2	41142.0	-6831.5	294	20.0	52223.0	-6804.0	384	10.0	61507.0	-6810.0
205	8.6	41718.0	-6800.5	295	9.2	52233.0	-6811.5	385	10.2	61830.0	-6833.5
206	9.3	41917.0	-6837.5	296	9.9	52233.0	-6844.0	386	10.0	61900.0	-6827.0
387	9.9	61936.0	-6844.0
388	9.3	62001.0	-6846.5
389	10.1	62009.0	-6853.5
390	9.2	62030.0	-6822.0
391	9.5	62059.0	-6837.0
392	10.0	62112.0	-6819.0
393	10.0	62113.0	-6824.5
394	10.0	62204.0	-6842.0
395	9.8	62425.0	-6809.0
396	10.0	62429.0	-6835.5
397	9.3	62438.0	-6831.5
398	9.5	62534.0	-6843.5
399	10.0	62535.0	-6809.0
400	9.8	62610.0	-6839.5
401	10.0	62627.0	-6820.0
402	9.9	62710.0	-6838.0
403	8.5	62754.0	-6811.5
404	9.8	62815.0	-6802.5
405	9.5	62920.0	-6803.0
406	9.3	63020.0	-6819.5
407	8.5	63115.0	-6851.5
408	10.0	63128.0	-6835.0
409	8.3	63219.0	-6801.5
410	8.9	63238.0	-6836.0
411	10.0	63328.0	-6808.5
412	9.8	63445.0	-6822.0
413	9.2	63537.0	-6827.0
414	9.8	63628.0	-6824.5
415	9.5	63720.0	-6817.0
416	10.0	63739.0	-6821.0
417	9.7	64051.0	-6855.0
418	10.0	64129.0	-6835.0
419	10.2	64137.0	-6835.5
420	9.8	64250.0	-6818.5
421	9.2	64252.0	-6808.5
422	9.8	64255.0	-6834.0
423	10.0	64305.0	-6808.0
424	10.0	64318.0	-6835.0
425	10.1	64501.0	-6825.0
426	9.9	64820.0	-6827.0
427	9.1	64838.0	-6816.5
428	9.1	65010.0	-6822.0
429	9.2	65107.0	-6833.5
430	8.9	65138.0	-6834.0
431	9.9	65205.0	-6851.5
432	10.0	65250.0	-6852.0
433	9.7	65306.0	-6854.5
434	9.8	65307.0	-6852.0
435	9.5	65342.0	-6857.0
436	9.0	65430.0	-6800.0
437	9.2	65451.0	-6847.5
438	7.2	65608.0	-6820.5
439	9.1	65638.0	-6851.0
440	10.0	65719.0	-6834.0
441	10.0	65732.0	-6821.0
442	9.1	65752.0	-6811.0
443	9.5	70446.0	-6832.0
444	8.8	70452.0	-6803.5
445	9.5	70552.0	-6812.0
446	8.5	70635.0	-6849.0
447	6.8	70641.0	-6838.5
448	10.0	70709.0	-6859.5
449	10.2	70954.0	-6801.0
450	10.0	71020.0	-6803.5
451	9.8	71118.0	-6852.5
452	9.5	71120.0	-6852.0
453	9.1	71147.0	-6837.5
454	10.1	71648.0	-6849.5
455	10.0	71910.0	-6853.5
456	9.8	71945.0	-6859.5
457	9.7	72003.0	-6822.0
458	9.6	72120.0	-6820.5
459	10.1	72146.0	-6805.0
460	9.9	72203.0	-6801.0
461	9.8	72217.0	-6839.0
462	9.8	72259.0	-6816.0
463	10.0	72304.0	-6834.0
464	10.2	72327.0	-6811.0
465	10.2	72400.0	-6826.0
466	9.3	72418.0	-6816.5
467	10.0	72550.0	-6803.0
468	10.0	72603.0	-6803.0
469	9.2	72610.0	-6828.5
470	8.7	72626.0	-6839.0
471	10.2	72644.0	-6839.5
472	7.3	72717.0	-6821.5
473	8.4	72802.0	-6830.0
474	9.0	72901.0	-6819.5
475	9.4	72948.0	-6807.0
476	8.9	73041.0	-6844.0

477	10.0	73115.0	-6805.0	567	10.0	83640.0	-6852.0	657	8.6	92805.0	-6826.0
478	6.8	73329.0	-6829.5	568	9.8	83800.0	-6801.0	658	10.0	92859.0	-6808.5
479	10.2	73510.0	-6821.0	569	10.2	83809.0	-6812.0	659	10.0	93026.0	-6808.0
480	7.0	73630.0	-6846.5	570	7.1	83827.0	-6850.0	660	8.5	93044.0	-6800.5
481	10.2	73635.0	-6823.0	571	9.8	83856.0	-6801.5	661	10.1	93120.0	-6807.0
482	10.0	73640.0	-6822.0	572	9.5	83900.0	-6852.0	662	9.9	93130.0	-6838.0
483	7.8	73656.0	-6813.5	573	10.0	83941.0	-6810.0	663	9.7	93149.0	-6802.0
484	10.2	73658.0	-6849.0	574	10.0	84118.0	-6814.0	664	9.5	93225.0	-6844.0
485	10.2	73721.0	-6845.5	575	10.2	84219.0	-6835.0	665	9.6	93518.0	-6816.0
486	10.0	74051.0	-6846.5	576	10.2	84220.0	-6810.0	666	10.0	93530.0	-6822.0
487	10.0	74140.0	-6817.0	577	9.8	84226.0	-6823.0	667	8.9	93558.0	-6834.0
488	9.8	74159.0	-6822.0	578	10.2	84232.0	-6812.0	668	10.0	93622.0	-6823.0
489	9.2	74226.0	-6854.0	579	10.0	84505.0	-6803.0	669	9.2	93636.0	-6802.5
490	10.0	74439.0	-6808.0	580	9.5	84530.0	-6858.0	670	10.0	93758.0	-6825.5
491	8.3	74452.0	-6827.0	581	10.0	84553.0	-6825.0	671	10.0	93844.0	-6857.0
492	9.3	74642.0	-6836.5	582	8.7	84710.0	-6812.0	672	8.5	94045.0	-6846.5
493	9.9	74720.0	-6843.0	583	9.0	84721.0	-6854.5	673	9.2	94113.0	-6826.0
494	10.0	74747.0	-6857.0	584	10.0	84820.0	-6803.0	674	8.5	94131.0	-6801.0
495	9.2	74812.0	-6802.5	585	9.7	84831.0	-6818.5	675	10.0	94150.0	-6835.0
496	9.7	74838.0	-6801.5	586	9.8	84916.0	-6843.0	676	10.0	94235.0	-6805.0
497	9.9	74850.0	-6810.0	587	9.8	84920.0	-6801.5	677	9.3	94252.0	-6828.0
498	10.2	74936.0	-6848.5	588	10.2	85038.0	-6818.5	678	9.7	94330.0	-6809.0
499	10.2	75019.0	-6847.0	589	9.1	85039.0	-6834.5	679	9.4	94409.0	-6835.0
500	10.2	75127.0	-6848.0	590	9.8	85045.0	-6842.5	680	9.2	94434.0	-6855.5
501	9.9	75138.0	-6822.0	591	10.0	85100.0	-6816.0	681	8.9	94505.0	-6859.5
502	10.0	75143.0	-6831.0	592	8.9	85107.0	-6815.5	682	9.0	94520.0	-6812.5
503	10.0	75152.0	-6814.0	593	9.5	85157.0	-6838.5	683	9.8	94549.0	-6801.0
504	10.0	75153.0	-6828.0	594	9.3	85221.0	-6804.0	684	10.2	94550.0	-6858.0
505	10.2	75200.0	-6853.0	595	9.3	85259.0	-6800.5	685	9.8	94559.0	-6809.5
506	9.8	75228.0	-6801.5	596	9.5	85305.0	-6804.0	686	10.1	94602.0	-6847.0
507	9.4	75232.0	-6842.0	597	9.8	85312.0	-6852.0	687	10.2	94606.0	-6841.0
508	9.8	75344.0	-6817.0	598	10.0	85419.0	-6840.5	688	10.2	94612.0	-6836.0
509	9.6	75350.0	-6824.0	599	8.8	85419.0	-6840.0	689	10.2	94616.0	-6848.5
510	9.5	75427.0	-6840.0	600	9.0	85435.0	-6831.0	690	9.6	94619.0	-6849.0
511	9.5	75442.0	-6848.0	601	10.0	85500.0	-6809.0	691	10.2	94623.0	-6803.0
512	9.4	75557.0	-6837.0	602	10.0	85513.0	-6803.0	692	10.2	94650.0	-6818.0
513	10.0	75757.0	-6857.0	603	9.1	85606.0	-6832.0	693	9.8	94738.0	-6851.0
514	9.9	75832.0	-6831.5	604	9.5	85641.0	-6840.0	694	10.0	94846.0	-6804.5
515	9.8	75841.0	-6842.0	605	9.8	85721.0	-6820.5	695	9.5	94912.0	-6841.0
516	9.9	75920.0	-6848.0	606	9.2	85811.0	-6815.0	696	10.2	94958.0	-6834.5
517	10.2	80158.0	-6810.0	607	10.2	85906.0	-6845.0	697	10.0	95012.0	-6839.0
518	10.2	80219.0	-6831.0	608	6.5	85944.0	-6811.5	698	9.7	95100.0	-6800.5
519	10.2	80253.0	-6812.5	609	9.4	85957.0	-6826.0	699	10.2	95123.0	-6830.0
520	9.8	80322.0	-6805.5	610	9.8	90238.0	-6840.0	700	10.0	95127.0	-6831.0
521	9.7	80323.0	-6848.0	611	9.2	90239.0	-6844.0	701	8.5	95146.0	-6825.5
522	9.5	80338.0	-6829.0	612	10.0	90331.0	-6840.0	702	6.8	95230.0	-6836.0
523	7.8	80339.0	-6835.0	613	10.0	90404.0	-6831.0	703	8.3	95232.0	-6813.5
524	10.0	80511.0	-6853.0	614	9.5	90548.0	-6804.0	704	10.0	95246.0	-6854.0
525	9.0	80613.0	-6815.0	615	7.8	90605.0	-6815.0	705	10.0	95246.0	-6820.5
526	9.3	80723.0	-6819.5	616	8.9	90622.0	-6801.0	706	9.5	95319.0	-6836.0
527	8.2	80727.0	-6832.0	617	10.0	90737.0	-6849.0	707	8.5	95322.0	-6814.0
528	4.5	80732.0	-6815.0	618	9.4	90751.0	-6824.0	708	8.8	95340.0	-6806.5
529	10.2	80810.0	-6801.5	619	9.2	90832.0	-6809.0	709	9.5	95344.0	-6808.0
530	7.7	80838.0	-6837.5	620	9.5	90952.0	-6855.0	710	9.9	95407.0	-6809.5
531	9.5	80909.0	-6801.5	621	7.6	90954.0	-6844.5	711	6.6	95417.0	-6830.5
532	10.0	81000.0	-6819.5	622	7.5	91017.0	-6841.5	712	9.9	95430.0	-6859.0
533	10.2	81116.0	-6842.3	623	8.5	91030.0	-6813.5	713	9.9	95630.0	-6840.0
534	10.2	81118.0	-6807.0	624	7.8	91230.0	-6824.0	714	10.0	95708.0	-6816.0
535	10.0	81130.0	-6809.5	625	9.5	91302.0	-6838.0	715	10.2	95730.0	-6832.0
536	9.8	81210.0	-6823.0	626	10.0	91325.0	-6857.0	716	10.0	95734.0	-6800.0
537	10.2	81230.0	-6854.5	627	10.0	91342.0	-6848.5	717	10.0	95803.0	-6829.0
538	9.8	81318.0	-6816.0	628	10.0	91418.0	-6855.5	718	10.0	95820.0	-6826.0
539	10.0	81510.0	-6806.0	629	9.9	91503.0	-6851.0	719	9.8	95823.0	-6841.0
540	9.0	81526.0	-6805.0	630	9.7	91528.0	-6803.0	720	9.6	95917.0	-6805.0
541	10.0	81555.0	-6838.5	631	6.0	91534.0	-6809.5	721	10.0	95920.0	-6808.0
542	9.2	81653.0	-6844.0	632	10.0	91539.0	-6843.0	722	8.6	95939.0	-6843.5
543	9.2	81718.0	-6843.8	633	10.0	91720.0	-6832.5	723	10.0	100031.0	-6837.0
544	10.0	81800.0	-6855.0	634	9.8	91757.0	-6813.0	724	9.7	100111.0	-6801.0
545	10.0	81841.0	-6816.5	635	9.8	91810.0	-6849.0	725	10.0	100130.0	-6852.0
546	8.2	81901.0	-6836.5	636	9.0	91914.0	-6853.0	726	9.2	100142.0	-6845.0
547	10.2	81910.0	-6850.5	637	8.2	91920.0	-6846.5	727	9.7	100157.0	-6854.5
548	10.0	81911.0	-6816.0	638	10.0	92023.0	-6806.5	728	9.8	100250.0	-6843.5
549	7.0	81950.0	-6840.0	639	10.0	92033.0	-6835.0	729	9.7	100331.0	-6840.5
550	9.7	82003.0	-6832.5	640	10.0	92048.0	-6841.0	730	10.0	100335.0	-6835.0
551	10.0	82101.0	-6837.0	641	10.0	92058.0	-6812.0	731	9.5	100345.0	-6827.0
552	10.0	82441.0	-6849.5	642	8.3	92101.0	-6841.0	732	9.7	100348.0	-6826.5
553	10.0	82526.0	-6855.5	643	10.0	92156.0	-6834.0	733	9.7	100410.0	-6806.0
554	6.5	82752.0	-6812.0	644	8.5	92157.0	-6806.0	734	9.8	100415.0	-6857.0
555	10.2	82804.0	-6835.0	645	9.7	92215.0	-6826.0	735	9.2	100441.0	-6838.0
556	9.9	82814.0	-6833.5	646	9.8	92256.0	-6855.0	736	9.9	100516.0	-6830.0
557	10.2	82821.0	-6840.5	647	10.0	92420.0	-6820.5	737	9.9	100610.0	-6858.5
558	9.5	82917.0	-6812.0	648	10.0	92423.0	-6840.0	738	10.2	100612.0	-6842.0
559	10.0	83107.0	-6816.0	649	8.7	92430.0	-6843.5	739	6.4	100625.0	-6804.0
560	8.9	83151.0	-6826.0	650	9.9	92540.0	-6833.0	740	9.0	100646.0	-6812.0
561	10.2	83219.0	-6825.0	651	9.8	92635.0	-6817.0	741	9.2	100748.0	-6847.5
562	10.2	83240.0	-6809.5	652	9.9	92641.0	-6837.5	742	9.9	100751.0	-6849.0
563	9.0	83316.0	-6855.0	653	9.8	92709.0	-6852.5	743	10.0	100811.0	-6823.0
564	8.9	83431.0	-6801.0	654	8.9	92727.0	-6811.0	744	10.0	100820.0	-6810.5
565	10.2	83550.0	-6853.0	655	10.0	92759.0	-6805.0	745	9.4	100831.0	-6810.0
566	9.8	83553.0	-6848.0	656	10.0	92800.0	-6840.0	746	9.3	100949.0	-6848.5
747	9.5	100953.0	-6859.0
748	8.0	101025.0	-6829.0
749	8.5	101115.0	-6815.0
750	8.2	101118.0	-6814.8
751	9.8	101236.0	-6857.5
752	9.2	101255.0	-6817.0
753	10.0	101258.0	-6816.0
754	9.8	101327.0	-6821.0
755	9.5	101353.0	-6841.0
756	9.3	101354.0	-6844.5
757	9.9	101423.0	-6829.0
758	9.6	101438.0	-6807.5
759	9.4	101440.0	-6815.5
760	10.0	101442.0	-6845.5
761	9.1	101515.0	-6848.5
762	10.0	101625.0	-6803.0
763	9.5	101705.0	-6854.0
764	10.0	101741.0	-6835.0
765	9.4	101813.0	-6845.0
766	8.9	101814.0	-6841.5
767	8.5	101822.0	-6842.5
768	9.2	101822.0	-6819.0
769	10.0	101825.0	-6844.5
770	10.0	102123.0	-6854.0
771	10.0	102129.0	-6823.0
772	10.1	102210.0	-6807.0
773	10.1	102214.0	-6817.0
774	9.1	102223.0	-6844.5
775	9.8	102225.0	-6825.0
776	10.0	102232.0	-6850.0
777	9.5	102332.0	-6831.5
778	9.5	102344.0	-6837.5
779	10.0	102407.0	-6819.0
780	9.8	102412.0	-6828.0
781	9.2	102434.0	-6835.5
782	8.8	102451.0	-6820.0
783	10.0	102459.0	-6849.5
784	9.9	102519.0	-6838.0
785	9.9	102523.0	-6859.0
786	8.5	102555.0	-6858.5
787	10.0	102556.0	-6846.0
788	9.9	102657.0	-6820.0
789	9.5	102703.0	-6820.5
790	7.5	102729.0	-6815.5
791	7.8	102735.0	-6819.5
792	9.2	102746.0	-6831.5
793	10.2	102814.0	-6824.5
794	10.0	102815.0	-6825.5
795	9.5	102830.0	-6851.5
796	8.3	102834.0	-6809.0
797	9.8	102957.0	-6832.0
798	9.5	102958.0	-6824.5
799	9.5	103048.0	-6833.0
800	9.0	103105.0	-6856.5
801	9.5	103122.0	-6858.0
802	7.3	103124.0	-6842.0
803	10.0	103140.0	-6839.5
804	9.5	103228.0	-6844.0
805	9.9	103236.0	-6840.0
806	9.7	103330.0	-6854.0
807	8.2	103335.0	-6843.0
808	9.9	103337.0	-6832.0
809	10.0	103356.0	-6836.5
810	9.7	103434.0	-6824.5
811	7.8	103438.0	-6837.5
812	9.3	103454.0	-6853.5
813	10.2	103500.0	-6822.0
814	9.1	103504.0	-6848.5
815	9.5	103624.0	-6809.5
816	9.8	103626.0	-6822.0
817	10.0	103631.0	-6835.0
818	9.4	103803.0	-6854.0
819	8.5	103840.0	-6827.0
820	9.8	103931.0	-6824.5
821	8.4	103945.0	-6847.5
822	10.0	103946.0	-6827.5
823	10.0	104009.0	-6827.0
824	10.0	104037.0	-6823.0
825	10.0	104218.0	-6811.5
826	6.6	104245.0	-6833.0
827	6.7	104325.0	-6847.0
828	9.9	104340.0	-6855.0
829	10.0	104414.0	-6806.0
830	10.0	104422.0	-6801.0
831	9.0	104437.0	-6857.0
832	8.9	104449.0	-6806.5
833	9.1	104509.0	-6805.5
834	9.4	104519.0	-6839.5
835	9.5	104537.0	-6825.0
836	9.8	104602.0	-6843.0

837	9.5	104753.0	-6816.5	927	9.8	112151.0	-6802.0	1017	10.0	115443.0	-6849.0	1107	7.2	123034.0	-6855.0
838	9.4	104822.0	-6823.0	928	9.8	112158.0	-6845.5	1018	8.6	115444.0	-6829.5	1108	9.0	123042.0	-6802.5
839	7.8	104840.0	-6827.5	929	10.0	112213.0	-6825.5	1019	7.4	115524.0	-6830.0	1109	10.0	123104.0	-6817.0
840	9.8	105034.0	-6836.0	930	9.5	112306.0	-6858.0	1020	8.5	115559.0	-6807.0	1110	8.5	123116.0	-6804.5
841	9.4	105039.0	-6837.0	931	9.5	112333.0	-6856.0	1021	8.3	115605.0	-6842.0	1111	8.5	123145.0	-6851.0
842	9.8	105058.0	-6833.5	932	9.6	112359.0	-6843.5	1022	6.5	115618.0	-6829.5	1112	9.4	123218.0	-6850.8
843	9.5	105115.0	-6814.5	933	10.0	112558.0	-6812.5	1023	9.0	115635.0	-6837.5	1113	9.5	123247.0	-6849.0
844	8.2	105123.0	-6807.5	934	10.0	112623.0	-6852.5	1024	10.0	115651.0	-6824.5	1114	9.5	123253.0	-6841.0
845	9.9	105143.0	-6853.5	935	9.6	112630.0	-6827.0	1025	9.5	115652.0	-6818.0	1115	10.0	123306.0	-6836.0
846	9.5	105228.0	-6806.0	936	10.0	112702.0	-6848.0	1026	9.8	115741.0	-6812.0	1116	9.7	123306.0	-6828.0
847	7.2	105239.0	-6800.0	937	9.5	112735.0	-6835.0	1027	7.2	115743.0	-6849.5	1117	10.0	123352.0	-6817.5
848	10.0	105240.0	-6853.0	938	9.5	112745.0	-6848.0	1028	7.7	115922.0	-6853.0	1118	9.8	123423.0	-6827.5
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850	6.8	105258.0	-6822.5	940	9.5	112830.0	-6823.5	1030	9.7	115941.0	-6857.5	1120	9.9	123432.0	-6846.0
851	9.2	105301.0	-6839.0	941	10.0	112935.0	-6859.0	1031	9.2	115942.0	-6845.5	1121	9.5	123457.0	-6819.0
852	9.1	105308.0	-6833.5	942	9.9	113005.0	-6832.5	1032	9.4	115954.0	-6844.0	1122	8.9	123530.0	-6851.5
853	9.5	105322.0	-6805.5	943	8.8	113021.0	-6842.0	1033	9.7	115958.0	-6817.5	1123	10.0	123538.0	-6814.0
854	9.5	105411.0	-6852.0	944	9.0	113054.0	-6807.0	1034	10.2	120109.0	-6823.5	1124	8.5	123600.0	-6823.0
855	10.0	105440.0	-6822.0	945	10.0	113106.0	-6835.0	1035	10.2	120229.0	-6802.0	1125	9.2	123623.0	-6845.0
856	9.3	105516.0	-6837.0	946	9.0	113108.0	-6833.5	1036	10.0	120240.0	-6809.5	1126	9.9	123642.0	-6825.5
857	9.6	105533.0	-6854.0	947	9.5	113117.0	-6815.5	1037	10.0	120248.0	-6810.5	1127	7.7	123723.0	-6821.0
858	8.5	105539.0	-6810.0	948	9.2	113121.0	-6820.5	1038	9.9	120330.0	-6800.5	1128	6.9	123724.0	-6809.0
859	9.2	105617.0	-6831.0	949	9.6	113127.0	-6810.0	1039	9.2	120334.0	-6856.0	1129	9.4	123827.0	-6838.5
860	10.0	105637.0	-6847.0	950	9.7	113133.0	-6855.5	1040	10.0	120410.0	-6819.0	1130	9.8	123925.0	-6847.5
861	10.0	105649.0	-6848.5	951	6.7	113141.0	-6859.0	1041	9.0	120442.0	-6825.0	1131	10.2	123926.0	-6843.5
862	10.0	105801.0	-6828.0	952	10.0	113201.0	-6839.0	1042	9.0	120449.0	-6827.5	1132	8.9	124015.0	-6802.0
863	10.0	105805.0	-6829.0	953	9.9	113229.0	-6859.5	1043	9.2	120543.0	-6852.0	1133	9.9	124024.0	-6859.0
864	9.5	105805.0	-6852.0	954	10.0	113231.0	-6853.0	1044	9.9	120620.0	-6855.0	1134	10.0	124059.0	-6850.0
865	9.6	105807.0	-6842.0	955	9.5	113242.0	-6843.0	1045	10.0	120625.0	-6847.0	1135	7.8	124116.0	-6842.5
866	10.0	105840.0	-6834.0	956	9.8	113256.0	-6812.5	1046	10.0	120630.0	-6848.0	1136	10.0	124124.0	-6831.0
867	9.8	105843.0	-6835.0	957	10.0	113258.0	-6837.0	1047	10.0	120636.0	-6803.0	1137	8.1	124237.0	-6851.5
868	10.0	105851.0	-6846.0	958	10.0	113300.0	-6853.0	1048	9.5	120641.0	-6806.5	1138	9.7	124243.0	-6822.0
869	9.7	105853.0	-6805.5	959	9.0	113323.0	-6813.5	1049	9.2	120645.0	-6820.5	1139	8.8	124248.0	-6835.5
870	9.5	105913.0	-6808.5	960	7.7	113441.0	-6859.0	1050	8.7	120714.0	-6822.0	1140	9.3	124303.0	-6856.0
871	9.5	105914.0	-6846.0	961	10.0	113451.0	-6829.5	1051	9.5	120756.0	-6835.0	1141	10.0	124305.0	-6808.0
872	10.0	105955.0	-6831.0	962	8.9	113452.0	-6831.0	1052	9.5	120759.0	-6825.0	1142	9.2	124311.0	-6810.5
873	9.8	105959.0	-6802.0	963	10.0	113520.0	-6817.0	1053	10.0	120847.0	-6838.5	1143	7.6	124318.0	-6858.0
874	8.9	105959.0	-6835.5	964	10.0	113544.0	-6830.0	1054	9.5	120854.0	-6824.5	1144	9.5	124325.0	-6804.0
875	10.0	110003.0	-6834.0	965	9.2	113555.0	-6825.0	1055	9.2	120932.0	-6837.0	1145	9.5	124351.0	-6821.0
876	10.0	110025.0	-6848.0	966	9.2	113608.0	-6832.5	1056	9.2	120932.0	-6829.0	1146	9.3	124413.0	-6813.5
877	9.7	110042.0	-6815.5	967	10.0	113610.0	-6850.5	1057	9.9	120940.0	-6848.0	1147	10.0	124551.0	-6839.5
878	9.7	110056.0	-6834.0	968	9.4	113620.0	-6835.5	1058	8.5	121034.0	-6824.5	1148	8.5	124621.0	-6805.5
879	10.0	110105.0	-6802.0	969	10.2	113700.0	-6819.0	1059	8.5	121102.0	-6831.5	1149	7.5	124713.0	-6813.5
880	10.0	110107.0	-6850.0	970	9.8	113715.0	-6816.0	1060	9.5	121253.0	-6845.0	1150	10.0	124724.0	-6823.0
881	7.8	110132.0	-6806.5	971	10.0	113726.0	-6852.0	1061	9.1	121422.0	-6819.0	1151	7.9	124736.0	-6819.0
882	9.6	110136.0	-6839.0	972	10.2	113731.0	-6859.0	1062	8.3	121438.0	-6825.0	1152	10.0	124742.0	-6833.5
883	10.0	110137.0	-6838.5	973	10.0	113734.0	-6857.0	1063	10.0	121505.0	-6819.0	1153	10.0	124840.0	-6843.5
884	10.2	110215.0	-6812.0	974	9.8	113803.0	-6837.0	1064	9.9	121515.0	-6833.0	1154	8.5	124923.0	-6830.0
885	10.2	110240.0	-6832.0	975	9.0	113805.0	-6816.5	1065	9.8	121538.0	-6812.0	1155	8.2	124925.0	-6840.0
886	10.2	110322.0	-6821.0	976	10.0	113821.0	-6826.0	1066	9.0	121539.0	-5825.0	1156	9.8	124951.0	-6834.0
887	9.0	110323.0	-6851.0	977	10.0	113855.0	-6823.0	1067	10.0	121544.0	-6827.0	1157	9.5	125008.0	-6838.0
888	10.0	110420.0	-6859.0	978	9.3	113914.0	-6840.5	1068	9.8	121554.0	-6840.0	1158	10.0	125044.0	-6810.0
889	9.5	110524.0	-6842.0	979	9.6	113927.0	-6857.0	1069	9.5	121654.0	-6859.0	1159	10.0	125047.0	-6824.0
890	10.0	110615.0	-6856.0	980	9.0	114015.0	-6806.5	1070	9.1	121803.0	-6831.5	1160	9.6	125101.0	-6811.0
891	10.2	110623.0	-6855.0	981	9.5	114102.0	-6836.5	1071	8.3	121826.0	-6847.0	1161	10.0	125200.0	-6806.5
892	10.2	110634.0	-6829.0	982	9.1	114146.0	-6817.0	1072	9.1	121828.0	-6846.0	1162	10.0	125218.0	-6805.5
893	10.0	110636.0	-6853.0	983	9.6	114217.0	-6821.0	1073	9.8	121837.0	-6853.0	1163	9.2	125225.0	-6813.5
894	10.0	110727.0	-6810.0	984	10.0	114250.0	-6811.0	1074	10.0	121848.0	-6853.5	1164	7.8	125348.0	-6833.5
895	9.9	110739.0	-6852.0	985	9.1	114310.0	-6853.0	1075	10.2	121900.0	-6811.0	1165	10.0	125352.0	-6851.0
896	10.0	110845.0	-6813.5	986	8.4	114316.0	-6800.5	1076	9.9	121908.0	-6855.0	1166	9.9	125432.0	-6804.0
897	10.0	110930.0	-6822.5	987	9.2	114345.0	-6838.0	1077	9.9	121926.0	-6824.0	1167	8.7	125454.0	-6807.5
898	8.7	110934.0	-6851.0	988	9.8	114348.0	-6843.0	1078	7.8	122052.0	-6802.0	1168	9.7	125504.0	-6825.0
899	9.4	110952.0	-6858.5	989	9.5	114357.0	-6833.0	1079	9.0	122130.0	-6831.0	1169	9.2	125607.0	-6839.0
900	9.0	111038.0	-6806.5	990	8.9	114443.0	-6829.5	1080	10.0	122150.0	-6850.0	1170	9.9	125608.0	-6816.0
901	9.0	111106.0	-6839.5	991	9.8	114510.0	-6852.5	1081	9.5	122210.0	-6832.5	1171	8.1	125657.0	-6855.5
902	9.5	111107.0	-6849.5	992	8.0	114520.0	-6810.0	1082	9.5	122216.0	-6823.0	1172	9.9	125659.0	-6814.5
903	8.7	111130.0	-6810.5	993	9.5	114542.0	-6847.0	1083	9.1	122259.0	-6803.0	1173	10.0	125733.0	-6809.5
904	8.4	111156.0	-6849.5	994	9.5	114558.0	-6805.0	1084	9.9	122303.0	-6823.0	1174	8.6	125754.0	-6837.0
905	8.2	111227.0	-6849.5	995	9.5	114603.0	-6804.0	1085	9.2	122330.0	-6831.0	1175	9.2	125945.0	-6842.0
906	9.2	111234.0	-6815.0	996	9.1	114612.0	-6813.0	1086	9.8	122345.0	-6845.0	1176	9.2	130030.0	-6844.5
907	9.8	111249.0	-6840.0	997	10.0	114637.0	-6855.0	1087	9.8	122355.0	-6830.0	1177	10.0	130136.0	-6854.0
908	10.0	111253.0	-6812.0	998	8.8	114707.0	-6858.0	1088	9.0	122509.0	-6803.5	1178	9.5	130146.0	-6807.0
909	10.0	111311.0	-6812.5	999	9.7	114746.0	-6806.0	1089	9.8	122512.0	-6833.5	1179	9.8	130250.0	-6816.0
910	9.3	111320.0	-6833.0	1000	9.5	114803.0	-6834.0	1090	9.5	122535.0	-6833.0	1180	9.5	130257.0	-6817.0
911	10.0	111358.0	-6854.0	1001	9.5	114808.0	-6836.0	1091	9.8	122537.0	-6828.0	1181	10.0	130309.0	-6842.0
912	9.9	111421.0	-6826.0	1002	9.5	114812.0	-6813.5	1092	10.0	122537.0	-6819.5	1182	8.2	130318.0	-6815.0
913	10.0	111534.0	-6853.5	1003	9.3	114913.0	-6844.0	1093	9.2	122603.0	-6808.5	1183	9.1	130322.0	-6852.5
914	9.8	111535.0	-6825.5	1004	10.0	114948.0	-6814.0	1094	9.2	122609.0	-6809.0	1184	10.0	130323.0	-6823.0
915	9.9	111547.0	-6851.0	1005	9.7	115000.0	-6807.0	1095	8.0	122626.0	-6803.5	1185	9.7	130332.0	-6859.0
916	9.0	111808.0	-6831.5	1006	9.0	115040.0	-6838.0	1096	9.8	122634.0	-6815.5	1186	9.5	130402.0	-6813.5
917	9.2	111850.0	-6847.0	1007	9.7	115120.0	-6847.0	1097	9.9	122657.0	-6848.0	1187	9.8	130422.0	-6854.5
918	9.2	111859.0	-6809.0	1008	9.8	115136.0	-6803.5	1098	9.5	122659.0	-6805.0	1188	10.0	130423.0	-6824.0
919	9.4	111923.0	-6838.5	1009	10.2	115140.0	-6804.5	1099	9.5	122750.0	-6826.5	1189	9.5	130500.0	-6810.0
920	10.0	111936.0	-6846.0	1010	9.5	115148.0	-6811.5	1100	10.0	122807.0	-6833.0	1190	10.2	130537.0	-6820.0
921	10.0	111945.0	-6810.5	1011	9.0	115209.0	-6851.5	1101	10.0	122810.0	-6819.0	1191	10.2	130542.0	-6822.5
922	10.0	112020.0	-6809.5	1012	9.7	115256.0	-6845.0	1102	8.7	122811.0	-6808.5	1192	10.0	130618.0	-6800.0
923	9.5	112026.0	-6844.0	1013	9.5	115259.0	-6847.0	1103	10.0	122838.0	-6822.0	1193	9.9	130653.0	-6841.0
924	10.0	112034.0	-6840.0	1014	9.9	115305.0	-6846.0	1104	2.9	122944.0	-6826.5	1194	10.0	130714.0	-6853.0
925	10.0	112042.0	-6829.0	1015	10.0	115332.0	-6826.0	1105	10.0	123026.0	-6847.0	1195	8.4	130723.0	-6853.5
926	7.9	112143.0	-6821.5	1016	9.5	115338.0	-6836.5	1106	9.9	123027.0	-6808.0	1196	9.9	130809.0	-6818.5

1197	9.8	130830.0	-6859.0	1287	9.4	134339.0	-6809.0	1377	7.8	142455.0	-6811.5	1467	9.8	145601.0	-6812.5
1198	10.0	130843.0	-6829.0	1288	9.8	134354.0	-6849.5	1378	8.0	142506.0	-6828.5	1468	9.6	145614.0	-6804.5
1199	9.3	130847.0	-6850.0	1289	9.7	134357.0	-6808.5	1379	10.0	142514.0	-6837.0	1469	10.0	145630.0	-6828.5
1200	9.2	130959.0	-6802.0	1290	9.8	134410.0	-6849.5	1380	10.0	142552.0	-6805.0	1470	10.0	145636.0	-6805.0
1201	9.5	131009.0	-6825.0	1291	9.0	134411.0	-6820.5	1381	9.9	142629.0	-6809.5	1471	9.4	145647.0	-6830.5
1202	10.0	131029.0	-6814.5	1292	7.8	134530.0	-6816.0	1382	10.0	142640.0	-6827.0	1472	10.0	145702.0	-6829.5
1203	9.8	131052.0	-6800.5	1293	9.7	134546.0	-6854.5	1383	9.9	142643.0	-6818.5	1473	9.5	145742.0	-6820.5
1204	9.2	131052.0	-6808.0	1294	9.2	134622.0	-6823.0	1384	8.3	142716.0	-6824.0	1474	9.9	145747.0	-6809.0
1205	8.9	131111.0	-6839.5	1295	9.7	134629.0	-6819.0	1385	9.5	142754.0	-6837.5	1475	10.0	145752.0	-6810.0
1206	10.0	131120.0	-6857.0	1296	8.2	134703.0	-6835.0	1386	9.9	142812.0	-6859.0	1476	7.0	145808.0	-6814.0
1207	9.3	131155.0	-6830.0	1297	9.1	134740.0	-6819.0	1387	9.5	142827.0	-6852.0	1477	9.8	145836.0	-6839.0
1208	8.2	131254.0	-6832.0	1298	8.9	134805.0	-6841.0	1388	10.2	142853.0	-6811.0	1478	10.0	145844.0	-6828.5
1209	10.0	131305.0	-6842.0	1299	10.0	134815.0	-6828.0	1389	10.0	142913.0	-6843.0	1479	9.5	145923.0	-6848.5
1210	10.2	131306.0	-6844.0	1300	9.5	134819.0	-6810.5	1390	9.5	142950.0	-6825.0	1480	10.0	145943.0	-6837.5
1211	10.2	131313.0	-6845.5	1301	9.6	134820.0	-6809.5	1391	9.5	142950.0	-6814.0	1481	9.8	150016.0	-6826.0
1212	10.0	131326.0	-6859.0	1302	9.5	134843.0	-6837.0	1392	10.0	143027.0	-6850.0	1482	9.8	150030.0	-6829.0
1213	9.3	131330.0	-6850.0	1303	9.3	134911.0	-6848.0	1393	9.1	143059.0	-6832.5	1483	10.0	150045.0	-6829.3
1214	8.5	131338.0	-6842.0	1304	9.2	134915.0	-6858.0	1394	8.9	143155.0	-6823.5	1484	9.6	150048.0	-6821.0
1215	9.0	131352.0	-6816.0	1305	10.0	135042.0	-6815.5	1395	10.0	143158.0	-6846.5	1485	10.0	150059.0	-6812.0
1216	9.5	131358.0	-6823.0	1306	10.1	135043.0	-6817.0	1396	9.5	143229.0	-6805.0	1486	10.0	150130.0	-6804.5
1217	8.3	131440.0	-6808.5	1307	10.0	135136.0	-6802.0	1397	8.5	143235.0	-6824.5	1487	8.8	150138.0	-6858.5
1218	9.0	131444.0	-6831.5	1308	8.5	135212.0	-6826.0	1398	9.7	143239.0	-6822.5	1488	9.6	150227.0	-6844.0
1219	10.0	131529.0	-6837.5	1309	8.8	135232.0	-6859.0	1399	9.9	143245.0	-6834.0	1489	10.1	150238.0	-6801.5
1220	9.6	131540.0	-6833.0	1310	8.4	135309.0	-6836.5	1400	9.5	143326.0	-6855.0	1490	9.3	150253.0	-6859.0
1221	8.4	131554.0	-6804.0	1311	9.7	135310.0	-6841.5	1401	10.2	143436.0	-6833.5	1491	9.7	150319.0	-6827.0
1222	10.0	131620.0	-6816.0	1312	10.2	135353.0	-6811.0	1402	10.2	143439.0	-6830.5	1492	9.2	150326.0	-6817.5
1223	10.2	131632.0	-6825.0	1313	9.0	135414.0	-6806.0	1403	9.2	143511.0	-6813.5	1493	10.2	150330.0	-6841.5
1224	9.1	131642.0	-6847.0	1314	9.0	135419.0	-6801.0	1404	9.6	143532.0	-6838.0	1494	10.0	150338.0	-6840.5
1225	9.1	131647.0	-6818.0	1315	10.1	135419.0	-6844.0	1405	8.5	143606.0	-6858.5	1495	9.3	150354.0	-6809.0
1226	10.0	131653.0	-6856.0	1316	9.3	135430.0	-6822.0	1406	9.9	143653.0	-6823.0	1496	10.0	150411.0	-6807.0
1227	10.0	131755.0	-6827.5	1317	9.8	135432.0	-6820.5	1407	9.5	143654.0	-6857.0	1497	10.0	150430.0	-6833.0
1228	9.8	131912.0	-6847.0	1318	10.0	135450.0	-6848.0	1408	9.3	143658.0	-6833.0	1498	9.9	150437.0	-6801.5
1229	6.6	131944.0	-6858.5	1319	10.1	135450.0	-6800.0	1409	9.5	143701.0	-6811.0	1499	8.0	150625.0	-6807.0
1230	10.0	131950.0	-6855.0	1320	10.1	135524.0	-6800.5	1410	8.5	143710.0	-6800.0	1500	8.7	150635.0	-6859.5
1231	10.0	131952.0	-6815.0	1321	9.9	135525.0	-6823.0	1411	9.6	143732.0	-6829.0	1501	10.1	150655.0	-6824.5
1232	10.2	132008.0	-6808.5	1322	9.4	135544.0	-6809.5	1412	10.0	143810.0	-6819.5	1502	10.0	150657.0	-6811.5
1233	9.5	132104.0	-6847.0	1323	9.6	135553.0	-6803.5	1413	6.6	143833.0	-6824.5	1503	3.1	150716.0	-6813.0
1234	9.9	132111.0	-6857.5	1324	10.0	135555.0	-6859.0	1414	10.0	143836.0	-6835.0	1504	9.2	150723.0	-6840.0
1235	10.0	132120.0	-6814.0	1325	10.0	135559.0	-6803.5	1415	10.0	143958.0	-6845.0	1505	10.0	150743.0	-6847.0
1236	9.0	132138.0	-6858.0	1326	10.0	135609.0	-6849.5	1416	10.0	143959.0	-6840.0	1506	10.0	150759.0	-6830.0
1237	8.2	132224.0	-6828.5	1327	9.8	135730.0	-6802.0	1417	9.6	144001.0	-6848.0	1507	8.5	150837.0	-6808.5
1238	9.5	132234.0	-6811.0	1328	9.9	135745.0	-6815.0	1418	10.0	144015.0	-6826.0	1508	10.0	150840.0	-6813.5
1239	10.0	132243.0	-6824.5	1329	10.1	135757.0	-6835.0	1419	10.0	144017.0	-6859.0	1509	9.9	150947.0	-6857.0
1240	9.3	132244.0	-6839.5	1330	10.0	135804.0	-6808.0	1420	9.7	144109.0	-6838.5	1510	9.5	150948.0	-6817.0
1241	8.9	132245.0	-6832.0	1331	10.0	135917.0	-6806.0	1421	10.0	144127.0	-6828.5	1511	10.0	151000.0	-6810.5
1242	8.0	132326.0	-6831.0	1332	9.0	140047.0	-6819.0	1422	9.5	144143.0	-6809.0	1512	8.9	151004.0	-6812.0
1243	7.2	132328.0	-6835.0	1333	9.8	140053.0	-6815.5	1423	10.0	144226.0	-6804.0	1513	10.0	151101.0	-6828.5
1244	10.0	132519.0	-6825.0	1334	9.5	140055.0	-6848.5	1424	10.0	144247.0	-6815.0	1514	9.9	151111.0	-6828.5
1245	9.4	132557.0	-6820.5	1335	10.0	140150.0	-6819.5	1425	7.7	144250.0	-6851.5	1515	8.8	151130.0	-6851.0
1246	9.0	132616.0	-6822.5	1336	10.0	140156.0	-6818.5	1426	9.9	144332.0	-6828.5	1516	8.5	151136.0	-6809.5
1247	9.9	132629.0	-6858.0	1337	9.2	140209.0	-6812.0	1427	9.8	144349.0	-6827.5	1517	9.2	151147.0	-6823.0
1248	8.5	132650.0	-6855.0	1338	8.3	140229.0	-6805.5	1428	9.2	144351.0	-6858.0	1518	9.4	151154.0	-6824.5
1249	9.3	132654.0	-6856.0	1339	9.1	140248.0	-6801.0	1429	9.8	144405.0	-6830.0	1519	10.0	151218.0	-6836.0
1250	9.7	132658.0	-6844.0	1340	10.2	140326.0	-6852.0	1430	10.0	144433.0	-6817.5	1520	10.0	151219.0	-6825.0
1251	9.2	132706.0	-6829.5	1341	9.7	140355.0	-6825.0	1431	9.4	144434.0	-6839.5	1521	9.5	151220.0	-6830.5
1252	8.3	132830.0	-6820.0	1342	9.5	140434.0	-6848.5	1432	9.6	144459.0	-6822.0	1522	9.8	151247.0	-6855.5
1253	8.9	132838.0	-6820.0	1343	8.0	140438.0	-6808.5	1433	10.0	144526.0	-6801.0	1523	10.1	151252.0	-6808.0
1254	9.9	132839.0	-6818.0	1344	10.0	140508.0	-6856.5	1434	9.2	144545.0	-6820.0	1524	10.0	151309.0	-6817.0
1255	9.6	132842.0	-6847.0	1345	10.0	140548.0	-6842.0	1435	9.7	144550.0	-6838.5	1525	10.0	151310.0	-6827.0
1256	8.2	132920.0	-6839.0	1346	10.0	140549.0	-6834.0	1436	9.3	144559.0	-6853.0	1526	10.0	151324.0	-6841.5
1257	10.2	132957.0	-6801.0	1347	9.9	140725.0	-6857.0	1437	10.0	144628.0	-6804.0	1527	9.4	151328.0	-6822.0
1258	9.7	133014.0	-6828.5	1348	10.0	140754.0	-6843.0	1438	10.0	144634.0	-6801.5	1528	8.5	151339.0	-6814.5
1259	9.9	133028.0	-6805.0	1349	9.4	140809.0	-6832.0	1439	9.5	144645.0	-6828.5	1529	10.1	151355.0	-6858.0
1260	10.0	133039.0	-6801.5	1350	9.2	140917.0	-6803.0	1440	8.9	144700.0	-6805.0	1530	10.0	151408.0	-6821.5
1261	9.1	133108.0	-6808.5	1351	10.0	140923.0	-6802.5	1441	10.0	144732.0	-6859.0	1531	9.8	151425.5	-6855.5
1262	10.0	133141.0	-6855.0	1352	10.0	141005.0	-6816.0	1442	9.9	144816.0	-6833.0	1532	9.7	151448.0	-6814.0
1263	10.0	133202.0	-6822.0	1353	9.9	141008.0	-6811.5	1443	8.5	144823.0	-6827.0	1533	8.7	151510.0	-6834.0
1264	9.8	133204.0	-6835.5	1354	7.6	141153.0	-6830.5	1444	10.2	144829.0	-6832.0	1534	8.4	151547.0	-6849.5
1265	9.5	133226.0	-6832.0	1355	10.0	141156.0	-6844.0	1445	8.4	144832.0	-6842.0	1535	8.5	151630.0	-6807.0
1266	10.0	133236.0	-6858.0	1356	9.3	141318.0	-6844.5	1446	9.8	144833.0	-6809.0	1536	10.0	151842.0	-6857.5
1267	7.7	133306.0	-6837.0	1357	9.7	141325.0	-6817.0	1447	9.6	144852.0	-6850.0	1537	9.5	151843.0	-6824.5
1268	7.5	133346.0	-6829.5	1358	10.0	141331.0	-6833.0	1448	9.7	144858.0	-6837.5	1538	10.0	151843.0	-6803.0
1269	10.0	133403.0	-6858.0	1359	9.7	141343.0	-6850.0	1449	10.0	144916.0	-6807.5	1539	9.8	151903.0	-6845.0
1270	10.1	133432.0	-6819.0	1360	10.0	141523.0	-6853.5	1450	10.0	144926.0	-6805.0	1540	9.7	151909.0	-6847.0
1271	9.9	133455.0	-6802.0	1361	8.4	141551.0	-6817.5	1451	9.6	144949.0	-6857.0	1541	10.0	151935.0	-6858.0
1272	10.0	133730.0	-6836.0	1362	9.8	141601.0	-6813.5	1452	8.5	144950.0	-6843.0	1542	10.0	151948.0	-6854.0
1273	8.9	133735.0	-6803.0	1363	9.5	141609.0	-6859.0	1453	9.3	145018.0	-6853.5	1543	7.8	152002.0	-6845.0
1274	9.5	133735.0	-6846.5	1364	9.6	141616.0	-6830.0	1454	9.2	145025.0	-6834.0	1544	8.9	152021.0	-6848.0
1275	10.0	133805.0	-6831.0	1365	9.2	141700.0	-6847.5	1455	10.0	145035.0	-6859.0	1545	10.1	152022.0	-6820.0
1276	9.5	133916.0	-6850.0	1366	9.0	141724.0	-6822.0	1456	9.5	145040.0	-6805.5	1546	10.1	152042.0	-6820.5
1277	9.5	133934.0	-6810.0	1367	9.9	141818.0	-6842.0	1457	10.0	145131.0	-6856.0	1547	8.3	152206.0	-6820.5
1278	10.0	133953.0	-6843.5	1368	10.0	141948.0	-6824.0	1458	10.0	145225.0	-6815.0	1548	7.9	152219.0	-6811.0
1279	9.2	134132.0	-6818.0	1369	10.0	142103.0	-6854.0	1459	10.0	145231.0	-6814.0	1549	10.0	152248.0	-6826.0
1280	10.0	134155.0	-6820.0	1370	8.7	142123.0	-6815.0	1460	9.8	145314.0	-6828.0	1550	8.0	152250.0	-6827.5
1281	6.4	134208.0	-6847.0	1371	8.2	142250.0	-6836.0	1461	10.0	145327.0	-6809.0	1551	10.0	152300.0	-6807.0
1282	8.7	134243.0	-6828.0	1372	9.9	142250.0	-6814.5	1462	9.1	145417.0	-6816.5	1552	9.8	152308.0	-6814.0
1283	9.2	134258.0	-6850.0	1373	9.0	142337.0	-6841.5	1463	9.8	145529.0	-6859.0	1553	9.5	152322.0	-6810.5
1284	9.8	134259.0	-6831.0	1374	9.8	142353.0	-6811.5	1464	10.0	145545.0	-6807.0	1554	10.0	152340.0	-6841.5
1285	8.9	134303.0	-6821.0	1375	7.4	142410.0	-6854.0	1465	10.0	145545.0	-6808.0	1555	9.5	152356.0	-6815.5
1286	10.0	134332.0	-6839.0	1376	8.8	142443.0	-6808.0	1466	10.0	145601.0	-6826.5	1556	9.5	152446.0	-6851.0

-68 1557 15h25m

-68 1916 17h50m

1557	10.0	152516.0	-6831.0	1647	10.2	155528.0	-6818.5	1737	10.0	162404.0	-6813.5
1558	9.2	152523.0	-6832.0	1648	9.8	155534.0	-6814.5	1738	9.7	162450.0	-6853.0
1559	8.8	152526.0	-6805.0	1649	10.0	155547.0	-6802.0	1739	10.0	162533.0	-6816.5
1560	9.5	152640.0	-6846.0	1650	10.0	155601.0	-6835.0	1740	7.5	162545.0	-6827.0
1561	9.3	152647.0	-6847.5	1651	9.6	155607.0	-6811.0	1741	9.5	162629.0	-6816.5
1562	9.5	152746.0	-6842.5	1652	9.6	155609.0	-6832.0	1742	10.0	162642.0	-6806.0
1563	9.4	152820.0	-6835.0	1653	10.0	155628.0	-6851.0	1743	9.2	162739.0	-6849.0
1564	9.9	152836.0	-6805.5	1654	10.0	155700.0	-6811.0	1744	10.0	162743.0	-6804.0
1565	10.0	152838.0	-6801.0	1655	8.5	155703.0	-6838.5	1745	9.6	162744.0	-6843.5
1566	10.0	152853.0	-6805.0	1656	8.9	155814.0	-6808.5	1746	10.0	162811.0	-6843.5
1567	9.8	152942.0	-6821.0	1657	9.4	155828.0	-6857.0	1747	8.7	162820.0	-6830.5
1568	9.3	152943.0	-6814.5	1658	10.1	155830.0	-6858.0	1748	6.4	162830.0	-6802.5
1569	10.0	152958.0	-6836.0	1659	10.0	155835.0	-6838.0	1749	9.7	162920.0	-6850.5
1570	9.7	153003.0	-6825.0	1660	9.5	155846.0	-6821.0	1750	10.1	162924.0	-6849.5
1571	9.8	153112.0	-6857.5	1661	9.5	155906.0	-6819.5	1751	10.0	162959.0	-6847.0
1572	10.1	153119.0	-6859.5	1662	9.9	155909.0	-6810.0	1752	9.2	163136.0	-6834.0
1573	9.5	153128.0	-6810.5	1663	9.8	155917.0	-6843.5	1753	9.9	163136.0	-6829.5
1574	10.0	153134.0	-6844.5	1664	10.0	155924.0	-6834.5	1754	9.8	163310.0	-6846.0
1575	8.5	153148.0	-6843.5	1665	9.4	155930.0	-6807.0	1755	9.9	163330.0	-6832.0
1576	9.5	153149.0	-6853.5	1666	10.0	155946.0	-6846.5	1756	10.2	163347.0	-6831.5
1577	9.0	153201.0	-6859.5	1667	8.9	155950.0	-6847.5	1757	9.2	163359.0	-6809.5
1578	10.1	153255.0	-6833.0	1668	9.4	160012.0	-6806.5	1758	8.3	163404.0	-6855.0
1579	9.2	153410.0	-6831.0	1669	9.3	160030.0	-6808.5	1759	10.2	163426.0	-6821.0
1580	9.9	153415.0	-6804.5	1670	9.9	160051.0	-6836.0	1760	8.5	163458.0	-6819.0
1581	9.5	153418.0	-6814.5	1671	9.5	160111.0	-6818.5	1761	9.4	163525.0	-6822.0
1582	9.7	153443.0	-6822.5	1672	10.0	160119.0	-6831.0	1762	2.2	163528.0	-6848.0
1583	10.0	153448.0	-6841.5	1673	9.1	160124.0	-6813.0	1763	10.2	163838.0	-6825.0
1584	9.5	153528.0	-6851.0	1674	10.0	160311.0	-6810.5	1764	10.0	163858.0	-6824.0
1585	8.9	153532.0	-6837.0	1675	10.2	160313.0	-6854.0	1765	8.8	163915.0	-6819.0
1586	9.4	153538.0	-6841.5	1676	9.9	160328.0	-6838.0	1766	7.8	164023.0	-6850.0
1587	9.1	153601.0	-6813.0	1677	9.2	160345.0	-6825.5	1767	10.1	164049.0	-6806.5
1588	9.5	153628.0	-6838.0	1678	10.0	160427.0	-6822.0	1768	9.9	164118.0	-6850.0
1589	9.1	153634.0	-6836.5	1679	9.0	160430.0	-6829.5	1769	8.5	164336.0	-6808.5
1590	9.2	153709.0	-6855.5	1680	9.8	160508.0	-6816.0	1770	9.2	164443.0	-6828.5
1591	10.0	153725.0	-6811.0	1681	10.0	160544.0	-6826.0	1771	9.5	164444.0	-6839.0
1592	10.0	153743.0	-6824.0	1682	10.0	160609.0	-6835.5	1772	9.8	164454.0	-6844.0
1593	9.8	153746.0	-6828.0	1683	10.0	160621.0	-6857.5	1773	8.0	164457.0	-6815.0
1594	9.5	153823.0	-6838.0	1684	10.0	160629.0	-6852.0	1774	10.0	164633.0	-6818.0
1595	9.0	153836.0	-6802.5	1685	10.0	160648.0	-6816.0	1775	9.5	164651.0	-6834.0
1596	8.8	153838.0	-6832.5	1686	9.7	160703.0	-6837.0	1776	8.5	164708.0	-6809.5
1597	9.5	153853.0	-6840.5	1687	9.4	160705.0	-6846.0	1777	10.0	164712.0	-6808.5
1598	9.0	153904.0	-6832.5	1688	10.0	160721.0	-6841.0	1778	9.5	164729.0	-6814.5
1599	10.0	153908.0	-6822.5	1689	10.1	160730.0	-6845.5	1779	9.5	164732.0	-6817.5
1600	10.1	153911.0	-6820.0	1690	7.4	160753.0	-6813.5	1780	10.0	164735.0	-6857.0
1601	9.7	153918.0	-6821.5	1691	9.9	160800.0	-6822.0	1781	10.0	164910.0	-6852.5
1602	8.5	153920.0	-6816.5	1692	9.3	160814.0	-6801.0	1782	10.0	164915.0	-6819.5
1603	9.2	153923.0	-6813.5	1693	10.0	160838.0	-6823.5	1783	10.2	164926.0	-6825.0
1604	9.8	153951.0	-6809.5	1694	9.0	160849.0	-6801.0	1784	9.7	164934.0	-6843.0
1605	9.8	154015.0	-6842.0	1695	10.0	160850.0	-6852.0	1785	8.2	164948.0	-6826.5
1606	9.5	154035.0	-6847.0	1696	9.9	160903.0	-6831.0	1786	7.9	164958.0	-6839.5
1607	9.9	154043.0	-6811.5	1697	9.5	160932.0	-6855.0	1787	10.0	165030.0	-6848.0
1608	9.8	154126.0	-6827.0	1698	10.0	160940.0	-6856.0	1788	9.4	165051.0	-6826.5
1609	10.1	154153.0	-6846.5	1699	9.8	160951.0	-6842.5	1789	9.1	165058.0	-6829.0
1610	10.0	154239.0	-6830.0	1700	9.2	161015.0	-6829.0	1790	9.8	165103.0	-6800.5
1611	8.9	154257.0	-6819.5	1701	9.7	161038.0	-6806.0	1791	7.4	165130.0	-6805.5
1612	5.7	154310.0	-6813.5	1702	9.5	161042.0	-6849.0	1792	10.0	165218.0	-6835.0
1613	10.0	154326.0	-6820.5	1703	10.0	161115.0	-6818.0	1793	9.8	165220.0	-6846.0
1614	9.1	154331.0	-6831.5	1704	10.2	161124.0	-6836.0	1794	9.8	165224.0	-6826.5
1615	9.4	154439.0	-6850.0	1705	10.1	161159.0	-6801.5	1795	9.5	165230.0	-6854.0
1616	10.0	154442.0	-6839.0	1706	9.3	161200.0	-6819.0	1796	9.9	165235.0	-6856.0
1617	9.5	154444.0	-6816.5	1707	10.0	161229.0	-6810.0	1797	10.2	165325.0	-6851.5
1618	9.8	154451.0	-6848.5	1708	9.9	161242.0	-6800.5	1798	9.5	165327.0	-6854.5
1619	9.0	154518.0	-6825.5	1709	10.1	161313.0	-6828.0	1799	9.9	165404.0	-6843.0
1620	10.0	154528.0	-6828.0	1710	10.1	161333.0	-6859.0	1800	10.0	165436.0	-6830.0
1621	9.7	154549.0	-6815.0	1711	9.8	161349.0	-6841.5	1801	9.2	165524.0	-6848.0
1622	8.5	154618.0	-6814.0	1712	10.0	161359.0	-6837.5	1802	6.8	165551.0	-6840.5
1623	8.1	154655.0	-6808.0	1713	9.8	161405.0	-6840.5	1803	9.9	165610.0	-6856.5
1624	10.0	154723.0	-6841.0	1714	9.4	161408.0	-6811.5	1804	9.8	165619.0	-6804.0
1625	9.9	154728.0	-6835.0	1715	9.9	161411.0	-6813.5	1805	9.3	165703.0	-6806.0
1626	9.9	154739.0	-6812.5	1716	9.9	161425.0	-6839.0	1806	9.5	165735.0	-6839.0
1627	10.0	154801.0	-6821.5	1717	10.0	161437.0	-6822.0	1807	10.0	165746.0	-6844.0
1628	10.0	154817.0	-6848.5	1718	10.0	161440.0	-6825.0	1808	8.3	165813.0	-6828.5
1629	9.9	154819.0	-6855.5	1719	10.0	161528.0	-6845.0	1809	10.2	165842.0	-6805.5
1630	7.7	154826.0	-6818.5	1720	10.2	161540.0	-6845.0	1810	9.3	165919.0	-6842.0
1631	10.0	154836.0	-6826.5	1721	8.7	161541.0	-6815.0	1811	9.8	165959.0	-6827.5
1632	10.0	154927.0	-6823.5	1722	9.1	161609.0	-6808.0	1812	8.4	170003.0	-6818.0
1633	9.5	155030.0	-6802.0	1723	9.2	161621.0	-6810.0	1813	9.5	170004.0	-6840.0
1634	9.8	155054.0	-6800.5	1724	10.0	161704.0	-6803.5	1814	10.2	170133.0	-6842.0
1635	10.0	155100.0	-6808.5	1725	9.2	161717.0	-6828.5	1815	10.0	170210.0	-6846.0
1636	9.5	155124.0	-6846.5	1726	8.8	161755.0	-6800.0	1816	9.8	170245.0	-6852.0
1637	10.0	155127.0	-6807.0	1727	10.0	161800.0	-6803.0	1817	8.5	170253.0	-6810.0
1638	10.0	155133.0	-6816.5	1728	9.5	161843.0	-6838.0	1818	9.4	170341.0	-6816.5
1639	9.8	155208.0	-6840.5	1729	9.0	161919.0	-6810.0	1819	9.9	170506.0	-6830.0
1640	10.0	155215.0	-6836.0	1730	9.5	161925.0	-6808.5	1820	10.0	170523.0	-6834.0
1641	10.1	155312.0	-6815.0	1731	9.2	162053.0	-6852.5	1821	9.3	170603.0	-6822.5
1642	7.6	155319.0	-6805.0	1732	9.7	162145.0	-6804.5	1822	9.1	170642.0	-6844.0
1643	10.1	155332.0	-6823.0	1733	9.8	162211.0	-6816.0	1823	8.0	170712.0	-6857.5
1644	10.1	155335.0	-6834.0	1734	10.0	162336.0	-6818.0	1824	8.9	170744.0	-6832.5
1645	10.0	155516.0	-6849.0	1735	9.5	162342.0	-6816.0	1825	10.0	170811.0	-6841.0
1646	10.2	155520.0	-6848.0	1736	9.5	162351.0	-6822.0	1826	9.9	170853.0	-6830.0
1827	9.8	170937.0	-6803.5								
1828	10.1	171123.0	-6800.5								
1829	10.1	171135.0	-6830.0								
1830	10.0	171214.0	-6832.5								
1831	8.7	171230.0	-6807.5								
1832	9.8	171236.0	-6836.5								
1833	10.0	171250.0	-6827.5								
1834	10.0	171257.0	-6852.5								
1835	10.0	171303.0	-6818.5								
1836	9.2	171531.0	-6849.5								
1837	8.6	171546.0	-6827.0								
1838	9.9	171635.0	-6857.0								
1839	9.1	171658.0	-6801.5								
1840	8.9	171931.0	-6835.5								
1841	9.3	172028.0	-6840.0								
1842	8.5	172229.0	-6814.0								
1843	10.0	172237.0	-6853.0								
1844	9.4	172410.0	-6848.5								
1845	8.4	172431.0	-6805.0								
1846	10.0	172433.0	-6829.0								
1847	8.0	172502.0	-6826.0								
1848	10.0	172518.0	-6818.5								
1849	10.0	172526.0	-6829.0								
1850	9.9	172544.0	-6842.0								
1851	10.0	172547.0	-6831.0								
1852	9.5	172629.0	-6802.0								
1853	8.5	172630.0	-6805.0								
1854	10.0	172758.0	-6856.0								
1855	7.9	172838.0	-6857.0								
1856	9.2	172917.0	-6850.5								
1857	8.5	172956.0	-6851.5								
1858	9.5	173024.0	-6815.0								
1859	8.5	173035.0	-6858.0								
1860	7.5	173214.0	-6835.0								
1861	9.5	173230.0	-6858.5								
1862	10.1	173259.0	-6829.0								
1863	9.9	173321.0	-6838.5								
1864	10.1	173326.0	-6837.5								
1865	9.8	173331.0	-6846.5								
1866	9.3	173423.0	-6817.5								
1867	9.6	173427.0	-6848.0								
1868	10.0	173447.0	-6858.0								
1869	9.2	173448.0	-6850.0								
1870	10.0	173538.0	-6819.5								
1871	10.0	173557.0	-6833.5								
1872	9.2	173615.0	-6814.5								
1873	9.4	173647.0	-6856.0								
1874	9.7	173654.0	-6812.0								
1875	8.2	173710.0	-6803.0								
1876	8.5	173719.0	-6809.0								
1877	10.1	173727.0	-6833.0								
1878	10.1	173733.0	-6848.0								
1879	9.8	173750.0	-6816.5								
1880	9.5	173848.0	-6805.5								
1881	9.4	173858.0	-6859.5								
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1883	10.0	173908.0	-6808.5								
1884	9.5	173930.0	-6809.5								
1885	9.9	173931.0	-6830.0								
1886	10.0	173956.0	-6819.5								
1887	10.0	174050.0	-6841.5								
1888	8.8	174054.0	-6814.5								
1889	7.5	174055.0	-6837.5								
1890	9.8	174115.0	-6859.5								
1891	9.4	174201.0	-6829.5								
1892	10.2	174228.0	-6828.5								
1893	10.0	174239.0	-6857.0								
1894	10.0	174243.0	-6816.0								
1895	9.7	174246.0	-6810.0								
1896	9.1	174256.0	-6821.0								
1897	9.5	174306.0	-6845.0								
1898	9.9	174330.0	-6854.0								
1899	9.5	174342.0	-6825.0								
1900	9.4	174355.0	-6844.0								
1901	9.5	174415.0	-6815.5								
1902	8.9	174420.0	-6845.0								
1903	8.6	174517.0	-6802.0								
1904	10.0	174536.0	-6804.0								
1905	7.8	174620.0	-6808.5								
1906	9.9	174648.0	-6854.0								
1907	10.0	174743.0	-6843.5								
1908	10.2	174746.0	-6849.5								
1909	9.7	174749.0	-6849.0								
1910	9.2	174820.0	-6855.5								
1911	9.4	174840.0	-6804.5								
1912	9.7	174934.0	-6844.0								
1913	10.0	174958.0	-6853.0								
1914	10.0	175001.0	-6853.5								
1915	10.0	175014.0	-6823.0								
1916	9.4	175016.0	-6819.5								

-68 1917 17h50m

-68 2276 22h06m

1917	9.3	175056.0	-6818.5	2007	10.0	182748.0	-6800.0	2097	9.3	192357.0	-6853.0
1918	8.8	175101.0	-6821.5	2008	10.0	182818.0	-6827.0	2098	10.0	192359.0	-6848.0
1919	10.0	175123.0	-6832.0	2009	10.0	182823.0	-6828.0	2099	10.0	192556.0	-6845.0
1920	9.5	175208.0	-6821.0	2010	9.8	182936.0	-6815.5	2100	9.8	192727.0	-6855.0
1921	10.0	175214.0	-6852.0	2011	9.2	183019.0	-6852.5	2101	10.0	192916.0	-6854.5
1922	10.2	175259.0	-6848.5	2012	8.6	183121.0	-6838.5	2102	9.1	192939.0	-6828.0
1923	10.2	175320.0	-6839.0	2013	10.1	183217.0	-6844.5	2103	8.8	192943.0	-6835.5
1924	10.0	175327.0	-6815.5	2014	10.1	183228.0	-6814.0	2104	8.3	193032.0	-6802.5
1925	9.0	175330.0	-6858.5	2015	9.5	183318.0	-6801.5	2105	10.0	193046.0	-6805.5
1926	9.2	175401.0	-6838.0	2016	10.0	183319.0	-6836.0	2106	8.5	193119.0	-6801.0
1927	10.0	175418.0	-6810.5	2017	9.2	183325.0	-6841.0	2107	10.0	193158.0	-6858.0
1928	9.3	175447.0	-6807.5	2018	10.0	183346.0	-6800.5	2108	9.5	193221.0	-6841.0
1929	10.0	175511.0	-6804.0	2019	9.9	183354.0	-6803.0	2109	9.3	193237.0	-6826.5
1930	9.0	175546.0	-6846.0	2020	9.5	183408.0	-6838.0	2110	10.2	193245.0	-6828.0
1931	9.2	175548.0	-6807.0	2021	9.9	183415.0	-6822.5	2111	10.2	193350.0	-6844.5
1932	9.7	175552.0	-6807.0	2022	9.8	183504.0	-6833.0	2112	8.2	193415.0	-6856.5
1933	9.5	175601.0	-6839.0	2023	9.4	183544.0	-6810.0	2113	10.2	193418.0	-6849.0
1934	9.2	175607.0	-6802.0	2024	9.8	183631.0	-6840.0	2114	9.0	193450.0	-6822.5
1935	10.0	175611.0	-6831.0	2025	9.2	183637.0	-6800.5	2115	9.5	193510.0	-6852.5
1936	9.8	175740.0	-6852.0	2026	9.8	183646.0	-6805.0	2116	9.9	193730.0	-6834.0
1937	9.9	175742.0	-6837.5	2027	9.8	183654.0	-6858.0	2117	9.3	193831.0	-6817.5
1938	10.1	175759.0	-6800.5	2028	10.0	183735.0	-6855.5	2118	10.2	193833.0	-6800.5
1939	9.5	175820.0	-6834.5	2029	9.3	183809.0	-6806.5	2119	8.3	193924.0	-6827.0
1940	10.1	175910.0	-6839.5	2030	9.9	183817.0	-6858.5	2120	10.0	194008.0	-6842.0
1941	9.6	175919.0	-6844.0	2031	9.2	183820.0	-6832.5	2121	8.0	194033.0	-6828.0
1942	9.2	175925.0	-6837.5	2032	8.1	184014.0	-6856.0	2122	9.3	194118.0	-6857.0
1943	10.0	175932.0	-6821.5	2033	10.0	184212.0	-6828.5	2123	7.9	194135.0	-6828.5
1944	10.2	175938.0	-6821.0	2034	10.1	184223.0	-6856.0	2124	7.9	194202.0	-6834.5
1945	9.8	180114.0	-6800.5	2035	9.4	184232.0	-6851.5	2125	10.2	194259.0	-6854.5
1946	10.1	180153.0	-6837.0	2036	9.8	184350.0	-6830.0	2126	10.1	194313.0	-6823.5
1947	9.0	180158.0	-6803.5	2037	8.9	184549.0	-6810.5	2127	10.2	194315.0	-6805.0
1948	10.0	180202.0	-6857.0	2038	9.3	184655.0	-6844.5	2128	10.2	194400.0	-6837.0
1949	9.2	180205.0	-6817.0	2039	10.2	184729.0	-6841.0	2129	9.2	194403.0	-6853.0
1950	9.2	180326.0	-6852.5	2040	9.0	184741.0	-6849.5	2130	10.0	194440.0	-6816.0
1951	9.5	180330.0	-6814.0	2041	10.2	184750.0	-6845.0	2131	9.5	194441.0	-6837.0
1952	6.5	180438.0	-6815.5	2042	8.0	184850.0	-6818.0	2132	7.8	194513.0	-6809.5
1953	10.1	180452.0	-6824.0	2043	9.9	184905.0	-6850.0	2133	10.2	194535.0	-6811.5
1954	9.4	180538.0	-6851.0	2044	10.1	184957.0	-6837.0	2134	9.8	194810.0	-6842.0
1955	9.8	180553.0	-6806.0	2045	6.1	185010.0	-6856.0	2135	9.7	194857.0	-6834.5
1956	9.4	180642.0	-6853.5	2046	10.2	185014.0	-6822.5	2136	9.3	194901.0	-6831.0
1957	9.7	180713.0	-6806.0	2047	10.2	185045.0	-6807.0	2137	9.7	195010.0	-6837.0
1958	9.1	180714.0	-6837.0	2048	9.2	185059.0	-6843.5	2138	9.9	195025.0	-6827.0
1959	9.5	180735.0	-6815.5	2049	9.5	185118.0	-6842.0	2139	10.2	195203.0	-6835.0
1960	8.7	180746.0	-6859.0	2050	9.8	185125.0	-6800.5	2140	10.2	195208.0	-6847.0
1961	9.8	180855.0	-6831.0	2051	9.1	185218.0	-6856.0	2141	9.7	195225.0	-6856.0
1962	9.5	180908.0	-6802.5	2052	9.5	185406.0	-6813.0	2142	9.5	195303.0	-6847.0
1963	9.9	180922.0	-6837.0	2053	5.7	185639.0	-6837.0	2143	9.2	195402.0	-6846.5
1964	9.7	180947.0	-6815.0	2054	7.3	185643.0	-6829.5	2144	10.2	195534.0	-6825.0
1965	8.5	181025.0	-6824.0	2055	9.9	185655.0	-6845.0	2145	8.4	195546.0	-6806.5
1966	10.1	181050.0	-6856.0	2056	8.4	185744.0	-6835.5	2146	9.0	195830.0	-6806.5
1967	9.1	181055.0	-6844.0	2057	9.9	185756.0	-6830.5	2147	8.3	195849.0	-6859.5
1968	8.5	181135.0	-6827.5	2058	8.0	185924.0	-6808.0	2148	10.0	195932.0	-6850.0
1969	9.6	181147.0	-6843.5	2059	9.5	190124.0	-6841.0	2149	10.1	195944.0	-6843.0
1970	8.9	181205.0	-6827.5	2060	9.3	190203.0	-6806.5	2150	9.7	200108.0	-6849.0
1971	10.0	181220.0	-6823.0	2061	8.8	190205.0	-6810.5	2151	7.8	200305.0	-6848.5
1972	10.0	181251.0	-6834.0	2062	9.7	190347.0	-6830.5	2152	10.1	200308.0	-6829.5
1973	9.0	181256.0	-6828.0	2063	9.5	190410.0	-6844.0	2153	10.1	200416.0	-6806.0
1974	8.4	181311.0	-6803.5	2064	10.0	190439.0	-6856.0	2154	9.5	200455.0	-6819.0
1975	8.7	181311.0	-6831.5	2065	10.2	190446.0	-6822.5	2155	8.5	200541.0	-6845.0
1976	9.8	181314.0	-6805.0	2066	10.0	190457.0	-6851.5	2156	10.2	200546.0	-6859.0
1977	9.8	181345.0	-6843.0	2067	10.0	190550.0	-6819.0	2157	10.2	200620.0	-6854.0
1978	8.8	181416.0	-6838.5	2068	9.9	190630.0	-6810.5	2158	10.2	200825.0	-6816.0
1979	9.0	181443.0	-6839.0	2069	10.0	190734.0	-6802.0	2159	9.5	200836.0	-6823.0
1980	9.9	181455.0	-6809.5	2070	9.7	191005.0	-6857.0	2160	10.1	200930.0	-6807.5
1981	10.0	181506.0	-6836.5	2071	9.6	191020.0	-6843.5	2161	9.7	200959.0	-6840.0
1982	7.8	181556.0	-6856.0	2072	9.2	191045.0	-6832.5	2162	10.0	201131.0	-6859.5
1983	8.0	181632.0	-6854.5	2073	6.7	191102.0	-6836.0	2163	10.2	201132.0	-6829.5
1984	8.7	181638.0	-6823.5	2074	7.5	191110.0	-6829.5	2164	10.2	201145.0	-6842.5
1985	9.9	181754.0	-6853.5	2075	9.8	191124.0	-6807.5	2165	10.1	201451.0	-6817.0
1986	9.5	181800.0	-6856.0	2076	9.4	191136.0	-6801.5	2166	7.5	201640.0	-6810.0
1987	9.4	181802.0	-6846.0	2077	9.2	191212.0	-6857.5	2167	9.7	201739.0	-6804.5
1988	9.7	181809.0	-6837.0	2078	10.0	191240.0	-6826.0	2168	8.9	201834.0	-6826.0
1989	7.5	181818.0	-6802.0	2079	8.0	191306.0	-6814.0	2169	9.5	202040.0	-6827.0
1990	8.5	181842.0	-6825.5	2080	9.9	191311.0	-6839.5	2170	9.5	202045.0	-6858.5
1991	10.1	181859.0	-6804.5	2081	9.1	191317.0	-6856.0	2171	7.5	202052.0	-6847.5
1992	10.0	182019.0	-6822.0	2082	9.5	191500.0	-6856.5	2172	10.0	202109.0	-6826.5
1993	10.0	182025.0	-6812.0	2083	9.5	191519.0	-6808.0	2173	10.2	202111.0	-6826.0
1994	8.2	182047.0	-6855.0	2084	9.9	191537.0	-6825.0	2174	9.2	202239.0	-6857.0
1995	10.1	182050.0	-6837.5	2085	8.8	191559.0	-6852.0	2175	10.2	202305.0	-6805.0
1996	10.1	182051.0	-6840.5	2086	10.0	191610.0	-6819.5	2176	9.8	202621.0	-6841.0
1997	10.0	182101.0	-6837.0	2087	9.1	191616.0	-6848.0	2177	10.2	202640.0	-6842.0
1998	9.9	182139.0	-6852.5	2088	6.5	191812.0	-6841.0	2178	10.2	202755.0	-6856.0
1999	10.2	182330.0	-6847.0	2089	10.1	191844.0	-6808.5	2179	9.3	202813.0	-6845.0
2000	10.1	182440.0	-6806.0	2090	9.9	191847.0	-6857.0	2180	10.0	202846.0	-6807.0
2001	10.2	182443.0	-6837.0	2091	10.2	191939.0	-6829.5	2181	8.2	202955.0	-6834.5
2002	9.3	182449.0	-6828.0	2092	9.8	192000.0	-6858.0	2182	10.1	203042.0	-6846.5
2003	10.0	182621.0	-6819.5	2093	10.2	192054.0	-6844.5	2183	9.5	203103.0	-6823.0
2004	10.0	182623.0	-6845.5	2094	7.8	192115.0	-6812.0	2184	9.4	203103.0	-6801.5
2005	9.3	182647.0	-6805.0	2095	8.5	192124.0	-6842.5	2185	10.2	203233.0	-6828.0
2006	10.0	182648.0	-6839.5	2096	8.7	192335.0	-6835.0	2186	9.5	203234.0	-6802.0
2187	9.5	203535.0	-6816.0								
2188	9.5	203749.0	-6848.0								
2189	8.5	203821.0	-6809.5								
2190	8.0	203916.0	-6800.5								
2191	8.4	204058.0	-6804.0								
2192	10.2	204151.0	-6847.0								
2193	10.2	204251.0	-6849.0								
2194	10.1	204308.0	-6855.0								
2195	10.0	204312.0	-6835.0								
2196	7.8	204546.0	-6810.5								
2197	7.2	204609.0	-6854.0								
2198	9.6	204623.0	-6837.5								
2199	10.2	204814.0	-6814.5								
2200	9.1	204920.0	-6845.5								
2201	6.7	205000.0	-6841.5								
2202	10.2	205054.0	-6822.0								
2203	7.7	205223.0	-6834.0								
2204	8.8	205249.0	-6842.0								
2205	9.0	205302.0	-6803.0								
2206	10.1	205309.0	-6813.0								
2207	9.2	205348.0	-6806.5								
2208	9.5	205445.0	-6807.0								
2209	8.9	205456.0	-6826.0								
2210	10.0	205500.0	-6819.0								
2211	8.7	205626.0	-6824.5								
2212	10.0	205915.0	-6834.0								
2213	8.5	210019.0	-6858.0								
2214	10.0	210049.0	-6814.5								
2215	10.2	210442.0	-6810.5								
2216	10.1	210814.0	-6800.5								
2217	10.2	210915.0	-6813.0								
2218	10.0	210937.0	-6803.0								
2219	9.8	210955.0	-6801.5								
2220	10.1	211226.0	-6830.5								
2221	10.1	211236.0	-6802.0								
2222	9.8	211239.0	-6821.0								
2223	7.3	211340.0	-6846.0								
2224	8.6	211416.0	-6809.5								
2225	9.3	211451.0	-6812.0								
2226	8.5	211523.0	-6838.5								
2227	9.5	211615.0	-6814.5								
2228	9.2	211618.0	-6823.5								
2229	10.2	211733.0	-6832.0								
2230	9.8	211855.0	-6801.5								
2231	9.2	211955.0	-6814.0								
2232	10.2	212039.0	-6803.0								
2233	9.5	212130.0	-6833.5								
2234	9.3	212230.0	-6813.5								
2235	9.0	212231.0	-6812.5								
2236	9.5	212556.0	-6801.5								
2237	10.2	212641.0	-6823.0								
2238	9.1	212649.0	-6844.0								
2239	10.2	212735.0	-6829.0								
2240	9.8	212738.0	-6822.0								
2241	10.0	212755.0	-6836.5								
2242	10.0	212925.0	-6818.5								
2243	9.9	212926.0	-6816.5								
2244	9.8	213026.0	-6807.0								
2245	7.1	213307.0	-6838.0								
2246	10.2	213535.0	-6835.0								
2247	10.2	213544.0	-6835.5								
2248	7.3	213620.0	-6810.5								
2249	10.0	213731.0	-6802.5								
2250	10.0	213912.0	-6819.0								
2251	9.4	214003.0	-6816.5								
2252	8.0	214023.0	-6840.0								
2253	9.9	214043.0	-6844.0								
2254	8.6	214407.0	-6834.0								
2255	8.4	214502.0	-6827.0								
2256	10.0	214655.0	-6844.0								
2257	9.0	214745.0	-6848.5								
2258	9.4	214819.0	-6851.5								
2259	10.1	214924.0	-6823.0								
2260	9.8	215005.0	-6829.5								
2261	9.9	215116.0	-6820.5								
2262	8.9	215258.0	-6858.5								
2263	9.5	215336.0	-6840.0								
2264	10.2	215632.0	-6800.5								
2265	7.2	215746.0	-6838.0								
2266	9.9	215746.0	-6817.0								
2267	10.2	215805.0	-6804.0								
2268	9.2	215834.0	-6823.0								
2269	10.2	215918.0	-6855.0								
2270	9.0	215943.0	-6831.5								
2271	7.2	220050.0	-6856.0								
2272	10.0	220113.0	-6855.0								
2273	9.2	220212.0	-6833.5								
2274	9.5	220253.0	-6821.0								
2275	6.8	220402.0	-6844.5								
2276	10.0	220645.0	-6847.5								

-68 2277 22h06m

-69 256 4h57m

2277	8.5	220658.0	-6858.0	2367	8.5	235023.0	-6817.5	77	9.7	14635.0	-6924.5
2278	9.8	220728.0	-6836.5	2368	9.3	235122.0	-6846.5	78	10.0	15008.0	-6952.0
2279	10.2	220805.0	-6839.0	2369	9.9	235459.0	-6838.0	79	10.1	15059.0	-6938.0
2280	10.0	220819.0	-6846.5	2370	9.1	235519.0	-6848.0	80	9.5	15101.0	-6958.0
2281	7.3	220915.0	-6856.0	2371	10.0	235523.0	-6804.0	81	7.2	15256.0	-6900.5
2282	10.1	221037.0	-6843.0	2372	9.9	235535.0	-6834.0	82	10.2	15512.0	-6946.0
2283	9.0	221128.0	-6857.5	2373	9.2	235540.0	-6858.5	83	10.2	15524.0	-6903.5
2284	10.2	221612.0	-6855.0	2374	9.8	235544.0	-6813.0	84	8.8	15810.0	-6955.0
2285	10.0	221730.0	-6832.5	2375	9.4	235613.0	-6820.0	85	10.0	20018.0	-6933.0
2286	5.9	221925.0	-6807.5	2376	10.0	235805.0	-6821.5	86	10.0	20154.0	-6945.5
2287	10.0	221954.0	-6808.5	2377	10.2	235808.0	-6814.0	87	9.2	20157.0	-6909.5
2288	9.2	221955.0	-6842.5	2378	8.5	235900.0	-6830.5	88	10.0	20410.0	-6927.0
2289	9.7	222038.0	-6847.0	2379	7.0	235907.0	-6839.5	89	9.2	20601.0	-6934.5
2290	10.0	222059.0	-6815.0	2380	9.5	235951.0	-6859.5	90	9.0	20744.0	-6922.0
2291	9.5	222217.0	-6806.0	1	9.6	00440.0	-6914.5	91	10.0	21114.0	-6917.5
2292	10.1	222246.0	-6852.0	2	10.2	00535.0	-6916.0	92	10.2	21150.0	-6906.0
2293	10.0	222412.0	-6833.5	3	9.6	00806.0	-6920.0	93	9.5	21343.0	-6938.0
2294	9.7	222505.0	-6851.0	4	8.2	00817.0	-6937.0	94	9.0	21358.0	-6920.5
2295	9.8	222645.0	-6834.0	5	8.6	00905.0	-6913.5	95	4.1	21931.0	-6914.0
2296	9.9	222656.0	-6850.0	6	8.5	00914.0	-6932.5	96	9.5	22122.0	-6936.0
2297	9.8	222847.0	-6842.5	7	8.5	01209.0	-6945.0	97	10.2	22256.0	-6909.0
2298	10.2	222852.0	-6853.5	8	8.7	01254.0	-6916.0	98	10.0	22329.0	-6950.5
2299	7.0	223033.0	-6842.5	9	10.2	01334.0	-6934.0	99	7.5	22416.0	-6912.0
2300	7.4	223158.0	-6820.5	10	8.7	01345.0	-6948.0	100	9.2	22438.0	-6924.0
2301	8.5	223328.0	-6829.0	11	9.2	01427.0	-6936.0	101	10.0	22523.0	-6930.5
2302	10.2	223516.0	-6828.5	12	10.0	01523.0	-6914.5	102	9.0	22559.0	-6936.0
2303	10.0	223520.0	-6814.5	13	10.2	01651.0	-6930.0	103	10.2	22702.0	-6931.5
2304	10.0	223554.0	-6840.5	14	9.5	01707.0	-6921.5	104	7.8	22748.0	-6910.0
2305	9.5	223602.0	-6817.0	15	10.1	02037.0	-6913.0	105	10.2	22900.0	-6945.0
2306	10.0	223654.0	-6815.5	16	10.1	02139.0	-6902.0	106	9.0	23139.0	-6945.0
2307	8.2	223658.0	-6854.5	17	8.9	02537.0	-6944.0	107	10.0	23350.0	-6903.5
2308	9.5	223734.0	-6821.0	18	9.5	02612.0	-6938.0	108	8.5	23859.0	-6937.0
2309	9.0	223940.0	-6856.0	19	8.8	02615.0	-6903.0	109	6.7	23903.0	-6946.0
2310	10.1	223942.0	-6852.0	20	8.7	02932.0	-6917.5	110	8.2	23958.0	-6913.0
2311	9.5	223946.0	-6805.0	21	9.3	03000.0	-6902.0	111	9.2	24120.0	-6933.5
2312	9.3	224224.0	-6804.0	22	10.0	03058.0	-6930.0	112	6.7	24152.0	-6941.5
2313	9.8	224344.0	-6816.5	23	9.0	03242.0	-6905.5	113	9.4	24153.0	-6940.5
2314	7.7	224612.0	-6816.5	24	10.0	03256.0	-6940.5	114	8.3	24200.0	-6954.5
2315	9.5	224708.0	-6802.0	25	9.3	03414.0	-6925.5	115	10.2	24327.0	-6930.5
2316	10.0	224746.0	-6847.5	26	9.7	03425.0	-6943.5	116	8.6	24355.0	-6942.5
2317	9.5	225036.0	-6804.0	27	9.0	03534.0	-6946.5	117	10.2	24430.0	-6954.0
2318	9.6	225040.0	-6843.0	28	9.4	03605.0	-6908.5	118	9.0	24435.0	-6925.0
2319	8.0	225046.0	-6812.5	29	9.5	03813.0	-6919.5	119	9.4	24519.0	-6936.5
2320	8.6	225048.0	-6852.0	30	9.5	03908.0	-6925.0	120	9.5	24659.0	-6921.0
2321	10.0	225143.0	-6854.5	31	9.5	04130.0	-6932.5	121	10.2	24740.0	-6946.5
2322	10.0	225209.0	-6838.5	32	9.9	04225.0	-6945.0	122	10.0	24748.0	-6942.0
2323	9.5	225211.0	-6811.0	33	8.4	04413.0	-6948.5	123	10.2	24917.0	-6911.0
2324	9.5	225637.0	-6834.5	34	10.0	04452.0	-6909.0	124	9.0	24948.0	-6942.0
2325	9.3	225701.0	-6807.5	35	10.2	04535.0	-6906.5	125	10.0	24959.0	-6943.5
2326	9.7	225802.0	-6843.0	36	8.7	04935.0	-6946.0	126	10.1	25222.0	-6905.0
2327	9.8	225930.0	-6818.0	37	8.8	05039.0	-6918.0	127	9.6	25307.0	-6944.5
2328	10.2	230023.0	-6830.0	38	9.9	05201.0	-6948.5	128	9.8	25410.0	-6939.0
2329	10.2	230139.0	-6858.0	39	10.0	05514.0	-6949.0	129	8.2	25536.0	-6923.5
2330	6.6	230144.0	-6833.0	40	9.5	05618.0	-6912.5	130	9.5	25553.0	-6901.5
2331	8.4	230146.0	-6824.0	41	9.2	05648.0	-6914.5	131	10.2	25614.0	-6905.0
2332	10.1	230316.0	-6851.0	42	10.1	05920.0	-6950.0	132	10.1	30038.0	-6926.0
2333	8.0	230555.0	-6858.5	43	9.2	10250.0	-6914.5	133	9.6	30205.0	-6938.0
2334	10.1	230626.0	-6826.0	44	10.2	10338.0	-6909.0	134	10.2	30307.0	-6913.0
2335	9.7	230742.0	-6813.0	45	10.2	10420.0	-6923.0	135	10.0	30530.0	-6946.5
2336	9.1	230743.0	-6804.0	46	9.6	10458.0	-6931.5	136	10.0	30555.0	-6920.0
2337	10.2	230824.0	-6806.0	47	9.7	10501.0	-6949.0	137	9.5	30621.0	-6922.0
2338	10.2	230826.0	-6852.0	48	10.2	10514.0	-6945.5	138	10.2	30639.0	-6938.5
2339	6.3	231036.0	-6809.5	49	9.5	10515.0	-6927.0	139	6.5	30651.0	-6944.5
2340	10.1	231118.0	-6815.0	50	10.2	11018.0	-6918.0	140	10.0	30815.0	-6947.0
2341	8.4	231226.0	-6800.5	51	7.3	11047.0	-6929.0	141	10.2	30906.0	-6904.0
2342	9.8	231645.0	-6820.0	52	5.5	11133.0	-6932.5	142	9.5	31008.0	-6931.5
2343	9.0	231850.0	-6843.0	53	9.7	11156.0	-6908.5	143	10.2	31010.0	-6945.0
2344	9.5	231911.0	-6854.0	54	9.5	11416.0	-6911.0	144	9.0	31218.0	-6929.0
2345	9.7	232428.0	-6836.5	55	7.2	11549.0	-6934.0	145	10.2	31301.0	-6948.0
2346	9.5	232705.0	-6801.5	56	10.2	11641.0	-6909.5	146	10.0	31600.0	-6919.0
2347	10.2	232904.0	-6827.0	57	7.7	11855.0	-6944.0	147	9.8	31700.0	-6943.5
2348	10.2	232906.0	-6807.0	58	9.7	11939.0	-6943.5	148	10.0	31938.0	-6950.0
2349	10.2	233056.0	-6842.0	59	10.2	12033.0	-6943.0	149	10.2	32150.0	-6958.0
2350	10.2	233105.0	-6845.0	60	10.3	12050.0	-6925.0	150	8.5	32200.0	-6945.0
2351	9.5	233153.0	-6836.0	61	10.2	12549.0	-6917.0	151	10.0	32225.0	-6952.0
2352	10.2	233308.0	-6856.5	62	9.2	12758.0	-6955.5	152	9.0	32226.0	-6912.0
2353	8.0	233458.0	-6827.5	63	9.0	12859.0	-6901.0	153	9.2	32247.0	-6900.5
2354	9.8	233626.0	-6820.0	64	9.5	12902.0	-6911.5	154	9.3	32435.0	-6909.0
2355	10.2	233627.0	-6851.0	65	9.9	13024.0	-6956.0	155	6.1	32500.0	-6946.5
2356	9.4	233640.0	-6834.0	66	9.2	13030.0	-6940.5	156	9.5	32757.0	-6956.5
2357	10.2	233926.0	-6847.0	67	8.9	13046.0	-6934.5	157	10.2	33123.0	-6923.0
2358	9.1	233942.0	-6845.0	68	10.2	13107.0	-6932.5	158	8.9	33304.0	-6926.5
2359	9.1	234034.0	-6853.5	69	9.2	13126.0	-6948.0	159	10.1	33311.0	-6929.5
2360	8.5	234035.0	-6825.0	70	10.0	13154.0	-6920.0	160	8.9	33341.0	-6907.0
2361	9.2	234144.0	-6802.5	71	9.5	13633.0	-6948.0	161	9.7	33345.0	-6903.5
2362	9.0	234245.0	-6838.5	72	10.2	13917.0	-6923.0	162	9.8	33408.0	-6941.0
2363	7.9	234555.0	-6843.0	73	8.9	14143.0	-6943.0	163	9.2	33528.0	-6936.0
2364	10.0	234806.0	-6811.0	74	9.7	14220.0	-6945.5	164	9.6	33845.0	-6940.0
2365	10.1	234915.0	-6845.0	75	10.0	14232.0	-6927.0	165	8.5	33929.0	-6922.5
2366	9.2	234925.0	-6837.0	76	10.2	14409.0	-6909.5	166	10.2	34025.0	-6902.5
								167	10.0	34113.0	-6940.5
								168	9.7	34150.0	-6916.0
								169	10.1	34234.0	-6916.0
								170	9.0	34525.0	-6955.0
								171	8.3	34633.0	-6949.5
								172	10.1	34821.0	-6905.5
								173	10.0	34836.0	-6905.0
								174	10.0	34856.0	-6943.0
								175	8.6	35014.0	-6927.0
								176	8.5	35210.0	-6940.5
								177	10.0	35225.0	-6918.0
								178	9.5	35236.0	-6947.5
								179	9.8	35246.0	-6920.0
								180	9.7	35252.0	-6955.0
								181	8.9	35417.0	-6946.0
								182	10.0	35453.0	-6908.0
								183	9.9	35606.0	-6954.0
								184	10.0	35611.0	-6916.0
								185	9.7	35721.0	-6940.0
								186	9.7	35723.0	-6947.0
								187	8.5	35752.0	-6953.0
								188	10.0	35922.0	-6939.0
								189	10.2	35930.0	-6934.5
								190	10.0	40015.0	-6919.0
								191	10.0	40025.0	-6917.0
								192	10.0	40157.0	-6920.0
								193	7.2	40235.0	-6917.5
								194	9.0	40542.0	-6944.0
								195	10.2	40555.0	-6901.0
								196	9.7	40641.0	-6936.0
								197	9.0	40648.0	-6935.0
								198	8.9	40749.0	-6923.0
								199	8.3	40828.0	-6901.4
								200	10.2	41005.0	-6934.0
								201	9.9	41101.0	-6900.0
								202	10.0	41129.0	-6956.0
								203	10.0	41148.0	-6910.0
								204	9.9	41209.0	-6949.0
								205	10.0	41215.0	-6956.0
								206	8.5	41326.0	-6926.0
								207	9.2	41447.0	-6951.0
								208	9.3	41503.0	-6902.5
								209	10.0	41521.0	-6950.5
								210	8.6	41633.0	-6905.5
								211	10.0	41659.0	-6918.0
								212	10.1	41716.0	-6926.0
								213	9.6	41730.0	-6917.0
								214	9.7	41733.0	-6913.0
								215	9.5	41828.0	-6938.0
								216	8.5	41856.0	-6902.0
								217	8.3	42004.0	-6925.0
								218	7.8	42021.0	-6941.5
								219	10.0	42053.0	-6901.0
								220	8.6	42153.0	-6954.5
								221	9.7	42220.0	-6952.5
								222	9.8	42352.0	-6939.5
								223	10.2	42402.0	-6902.0
								224	8.6	42450.0	-6916.5
								225	8.6	42530.0	-6940.0
								226	10.0	42859.0	-6931.5
								227	8.4	42938.0	-6952.5
								228	9.3	43110.0	-6941.0
								229	9.5	43309.0	-6937.0
								230	9.9	43338.0	-6934.0
								231	9.5	43350.0	-6935.0
								232	10.0	43354.0	-6958.0
								233	9.3	43520.0	-6920.0
								234	10.1	43613.0	-6918.0
								235	7.8	43837.0	-6903.5
								236	8.3	43927.0	-6942.0
								237	10.0	43955.0	-6947.0
								238	10.1	44055.0	-6924.0
								239	10.1	44240.0	-6932.0
								240	9.5	44309.0	-6918.0
								241	10.2	44821.0	-6922.0
								242	10.1	44957.0	-6940.0
								243	10.1	45001.0	-6924.5
								244	10.0	45013.0	-6955.0
								245	9.7	45053.0	-6953.0
								246	10.2	45149.0	-6947.0
								247	10.0	45204.0	-6924.0
								248	10.1	45242.0	-6937.5
								249	20.0	45302.0	-6932.0
								250	8.6	45308.0	-6936.0
								251	10.0	45315.0	-6900.5
								252	20.0	45443.0	-6924.0
								253	9.9	45453.0	-6924.5
								254	10.2	45501.0	-6941.0
								255	9.8	45510.0	-6941.3
								256	10.0	45709.0	-6901.0

-69 257 4h58m

-69 616 9h18m

257	9.7	45801.0	-6902.0	347	8.3	55817.0	-6929.5	437	10.1	71432.0	-6922.0
258	10.1	45814.0	-6950.0	348	20.0	55831.0	-6912.0	438	9.6	71500.0	-6939.0
259	9.5	45821.0	-6911.5	349	10.1	55918.0	-6935.0	439	9.5	71648.0	-6948.0
260	10.0	45832.0	-6951.5	350	8.5	55942.0	-6952.0	440	8.4	71906.0	-6905.5
261	20.0	45839.0	-6935.0	351	9.6	60103.0	-6952.0	441	8.2	72021.0	-6958.5
262	9.2	45905.0	-6916.0	352	9.3	60109.0	-6958.5	442	9.9	72053.0	-6931.5
263	10.2	50002.0	-6940.0	353	10.1	60300.0	-6931.0	443	9.1	72106.0	-6956.0
264	9.6	50032.0	-6904.5	354	10.0	60350.0	-6939.5	444	9.2	72120.0	-6912.5
265	9.0	50116.0	-6931.5	355	9.2	60355.0	-6925.5	445	10.0	72327.0	-6908.5
266	9.6	50227.0	-6910.0	356	9.2	60455.0	-6942.0	446	9.3	72331.0	-6950.5
267	8.3	50228.0	-6940.0	357	10.0	60534.0	-6950.5	447	9.5	72510.0	-6953.0
268	10.1	50309.0	-6923.5	358	10.2	60556.0	-6920.5	448	9.9	72556.0	-6907.0
269	10.2	50315.0	-6930.5	359	10.0	60610.0	-6917.0	449	7.8	72712.0	-6919.5
270	10.2	50451.0	-6955.0	360	9.9	60618.0	-6901.0	450	8.3	72730.0	-6915.5
271	8.7	50531.0	-6904.0	361	9.5	60649.0	-6954.0	451	10.1	72730.0	-6903.0
272	9.7	50540.0	-6920.0	362	9.1	60658.0	-6926.5	452	8.9	72950.0	-6939.0
273	9.5	50547.0	-6952.0	363	8.5	60718.0	-6914.5	453	9.5	72951.0	-6912.0
274	20.0	50556.0	-6934.0	364	10.2	60840.0	-6908.0	454	8.8	73415.0	-6937.0
275	20.0	50754.0	-6908.0	365	9.8	60846.0	-6919.0	455	10.1	73456.0	-6949.5
276	20.0	51002.0	-6900.0	366	8.4	60859.0	-6939.5	456	9.2	73520.0	-6952.0
277	10.1	51008.0	-6945.0	367	9.4	60933.0	-6951.0	457	8.5	73540.0	-6958.0
278	9.5	51014.0	-6918.5	368	8.9	61220.0	-6914.0	458	10.0	73701.0	-6935.0
279	20.0	51018.0	-6916.5	369	8.2	61231.0	-6943.5	459	10.1	73730.0	-6917.5
280	8.9	51026.0	-6952.0	370	10.2	61305.0	-6912.5	460	10.0	73749.0	-6918.5
281	20.0	51041.0	-6905.0	371	8.5	61335.0	-6912.0	461	10.0	73802.0	-6915.5
282	9.0	51121.0	-6928.0	372	9.4	61357.0	-6945.0	462	8.5	73830.0	-6947.0
283	10.1	51146.0	-6954.0	373	9.4	61403.0	-6920.0	463	8.9	73843.0	-6902.5
284	8.5	51225.0	-6941.5	374	9.8	61455.0	-6958.0	464	9.6	73900.0	-6944.5
285	10.1	51428.0	-6941.0	375	9.7	61525.0	-6905.5	465	10.0	73914.0	-6932.0
286	10.0	51429.0	-6909.0	376	9.7	61553.0	-6905.0	466	9.7	73941.0	-6939.0
287	10.0	51547.0	-6947.5	377	9.9	61558.0	-6909.5	467	10.1	73957.0	-6959.5
288	10.2	51738.0	-6911.0	378	9.5	61606.0	-6913.0	468	9.2	74030.0	-6910.0
289	9.5	51755.0	-6943.0	379	8.0	61733.0	-6901.3	469	7.7	74055.0	-6933.0
290	20.0	51819.0	-6927.5	380	10.1	61830.0	-6910.5	470	10.0	74059.0	-6915.5
291	10.1	51850.0	-6923.5	381	7.8	61915.0	-6906.5	471	10.1	74123.0	-6914.0
292	10.1	51851.0	-6958.5	382	10.1	62001.0	-6912.5	472	10.0	74237.0	-6909.0
293	10.0	51904.0	-6941.0	383	9.8	62002.0	-6956.0	473	8.2	74346.0	-6945.5
294	20.0	51904.0	-6921.0	384	6.9	62024.0	-6944.0	474	10.1	74414.0	-6931.0
295	9.5	51908.0	-6922.5	385	9.8	62303.0	-6912.5	475	6.5	74436.0	-6931.0
296	20.0	51930.0	-6932.0	386	10.0	62345.0	-6902.0	476	9.2	74437.0	-6912.5
297	20.0	52020.0	-6946.5	387	6.1	62350.0	-6955.0	477	9.5	74449.0	-6906.0
298	9.8	52148.0	-6923.0	388	9.5	62430.0	-6922.5	478	8.8	74615.0	-6911.0
299	10.0	52205.0	-6935.0	389	10.2	62538.0	-6916.5	479	10.1	74618.0	-6956.0
300	10.2	52215.0	-6935.5	390	10.2	62555.0	-6913.5	480	9.4	74733.0	-6923.5
301	10.2	52220.0	-6934.0	391	10.1	62606.0	-6928.0	481	10.0	74857.0	-6949.0
302	9.9	52316.0	-6952.5	392	5.9	62634.0	-6937.0	482	10.0	74920.0	-6930.5
303	9.5	52440.0	-6937.0	393	9.5	62802.0	-6912.5	483	9.8	74950.0	-6928.5
304	9.4	52640.0	-6942.0	394	10.1	62830.0	-6912.5	484	9.2	74959.0	-6908.5
305	10.0	52650.0	-6911.0	395	9.8	62845.0	-6953.5	485	9.9	75031.0	-6904.0
306	10.2	52655.0	-6910.5	396	9.7	63000.0	-6954.0	486	8.6	75120.0	-6946.0
307	9.8	52728.0	-6933.0	397	9.9	63012.0	-6931.5	487	10.0	75149.0	-6954.0
308	20.0	52833.0	-6914.0	398	9.7	63048.0	-6957.0	488	10.1	75306.0	-6906.0
309	20.0	52834.0	-6905.0	399	9.2	63548.0	-6947.0	489	10.2	75351.0	-6906.0
310	10.0	52840.0	-6907.0	400	9.2	63554.0	-6940.5	490	9.2	75628.0	-6919.0
311	10.0	52842.0	-6906.5	401	10.0	63603.0	-6930.3	491	10.1	75628.0	-6959.0
312	10.0	52843.0	-6908.0	402	10.2	63628.0	-6930.0	492	9.5	75800.0	-6955.0
313	20.0	52916.0	-6914.5	403	9.1	63658.0	-6959.5	493	9.9	75824.0	-6931.5
314	9.2	53113.0	-6952.5	404	9.3	63755.0	-6920.0	494	9.8	75905.0	-6920.5
315	10.2	53121.0	-6925.0	405	10.0	63759.0	-6959.0	495	9.8	75919.0	-6921.0
316	10.0	53152.0	-6936.5	406	9.5	63924.0	-6959.0	496	9.7	75936.0	-6928.0
317	10.1	53252.0	-6915.0	407	9.9	63933.0	-6948.0	497	9.5	80012.0	-6916.0
318	9.7	53323.0	-6918.0	408	10.1	64141.0	-6911.0	498	8.5	80031.0	-6950.0
319	9.0	53545.0	-6933.0	409	9.8	64211.0	-6958.5	499	6.8	80143.0	-6940.5
320	10.1	53623.0	-6945.0	410	10.0	64251.0	-6920.0	500	8.3	80202.0	-6940.5
321	9.7	53653.0	-6933.5	411	7.7	64306.0	-6935.0	501	7.7	80214.0	-6925.0
322	10.0	53703.0	-6928.5	412	9.2	64309.0	-6911.0	502	9.5	80245.0	-6928.5
323	9.8	53801.0	-6934.0	413	8.9	64353.0	-6910.0	503	9.4	80306.0	-6940.5
324	20.0	53937.0	-6910.0	414	9.8	64611.0	-6923.5	504	6.8	80330.0	-6936.5
325	20.0	53954.0	-6933.5	415	10.2	64810.0	-6910.5	505	9.7	80338.0	-6942.0
326	9.3	53959.0	-6948.0	416	9.7	64833.0	-6909.5	506	7.2	80406.0	-6959.0
327	20.0	54050.0	-6942.0	417	9.5	65035.0	-6911.0	507	10.1	80441.0	-6952.0
328	9.8	54119.0	-6943.0	418	9.8	65040.0	-6950.0	508	8.2	80531.0	-6930.0
329	9.7	54138.0	-6955.0	419	6.7	65129.0	-6950.0	509	10.1	80559.0	-6905.0
330	10.1	54156.0	-6918.5	420	9.0	65238.0	-6916.0	510	8.5	80601.0	-6912.0
331	20.0	54303.0	-6916.0	421	9.3	65241.0	-6928.5	511	7.8	80750.0	-6931.5
332	10.0	54355.0	-6927.0	422	9.5	65405.0	-6954.5	512	8.8	80835.0	-6901.5
333	9.5	54507.0	-6932.0	423	8.8	65444.0	-6905.0	513	10.0	80948.0	-6953.0
334	10.2	54607.0	-6909.5	424	8.5	65543.0	-6952.5	514	9.9	81002.0	-6922.0
335	10.0	54609.0	-6902.5	425	10.1	65634.0	-6937.0	515	10.0	81016.0	-6918.5
336	9.3	54910.0	-6947.5	426	9.5	65805.0	-6911.0	516	9.7	81040.0	-6914.5
337	9.5	55039.0	-6949.0	427	9.1	65856.0	-6912.5	517	10.0	81115.0	-6928.0
338	9.0	55107.0	-6943.0	428	9.9	70004.0	-6933.5	518	9.2	81134.0	-6920.0
339	10.0	55121.0	-6916.5	429	10.0	70019.0	-6937.0	519	8.0	81154.0	-6922.0
340	7.7	55215.0	-6955.5	430	9.2	70044.0	-6938.0	520	10.1	81225.0	-6957.0
341	9.2	55259.0	-6949.5	431	9.0	70405.0	-6929.5	521	10.0	81335.0	-6944.5
342	9.7	55403.0	-6907.0	432	10.0	70757.0	-6945.0	522	10.0	81338.0	-6934.5
343	10.0	55410.0	-6923.0	433	10.0	71024.0	-6948.5	523	8.0	81439.0	-6914.0
344	9.8	55431.0	-6902.5	434	10.0	71125.0	-6938.0	524	9.2	81637.0	-6951.0
345	9.5	55453.0	-6915.0	435	7.0	71210.0	-6954.5	525	9.5	81648.0	-6923.0
346	9.3	55634.0	-6927.0	436	10.0	71400.0	-6918.0	526	9.0	81701.0	-6904.5
527	9.4	81728.0	-6913.5								
528	9.9	81733.0	-6918.0								
529	9.9	81741.0	-6918.5								
530	9.6	81752.0	-6948.0								
531	10.0	81756.0	-6932.0								
532	10.0	81858.0	-6946.5								
533	9.8	81908.0	-6939.0								
534	9.5	81943.0	-6905.0								
535	9.8	82030.0	-6950.5								
536	9.5	82036.0	-6905.0								
537	8.2	82125.0	-6904.0								
538	10.0	82248.0	-6945.0								
539	7.1	82315.0	-6950.5								
540	9.9	82326.0	-6942.5								
541	9.4	82339.0	-6917.5								
542	9.6	82424.0	-6945.0								
543	9.0	82427.0	-6958.0								
544	8.6	82459.0	-6926.5								
545	9.7	82542.0	-6937.5								
546	9.8	82548.0	-6949.5								
547	8.4	82632.0	-6920.0								
548	9.5	82655.0	-6933.5								
549	6.0	82800.0	-6941.0								
550	10.0	82801.0	-6958.5								
551	9.5	83007.0	-6947.0								
552	10.0	83008.0	-6954.0								
553	9.9	83101.0	-6902.5								
554	10.0	83109.0	-6916.0								
555	10.0	83139.0	-6928.0								
556	10.0	83157.0	-6932.0								
557	8.5	83305.0	-6941.0								
558	10.0	83350.0	-6952.0								
559	9.2	83434.0	-6926.0								
560	10.0	83630.0	-6938.0								
561	10.0	83641.0	-6948.0								
562	8.7	83710.0	-6913.5								
563	10.1	83710.0	-6957.0								
564	5.6	83838.0	-6956.5								
565	10.0	83853.0	-6905.0								
566	9.3	83926.0	-6913.0								
567	10.2	84022.0	-6923.0								
568	10.0	84647.0	-6954.0								
569	10.0	84700.0	-6924.5								
570	8.3	84737.0	-6957.5								
571	10.1	84839.0	-6903.0								
572	8.8	84909.0	-6950.0								
573	9.5	84910.0	-6947.0								
574	10.0	84950.0	-6946.0								
575	9.9	85040.0	-6905.5								
576	7.5	85153.0	-6921.5								
577	8.8	85436.0	-6935.0								
578	10.0	85451.0	-6947.0								
579	9.9	85501.0	-6945.0								
580	10.0	85531.0	-6947.0								
581	7.8	85619.0	-6910.0								
582	9.1	85622.0	-6920.5								
583	10.1	85643.0	-6914.0								
584	10.1	85852.0	-6926.0								
585	9.9	85901.0	-6914.0								
586	9.0	85929.0	-6940.5								
587	9.0	85940.0	-6917.0								
588	9.5	90041.0	-6928.5								
589	9.4	90121.0	-6945.0								
590	10.0	90346.0	-6957.0								
591	9.3	90347.0	-6906.0								
592	9.8	90413.0	-6910.0								
593	10.2	90424.0	-6932.0								
594	8.3	90436.0	-6904.5								
595	9.2	90500.0	-6943.5								
596	9.9	90714.0	-6912.5								
597	9.7	90903.0	-6907.5								
598	9.2	90940.0	-6912.5								
599	10.0	91120.0	-6956.0								
600	2.0	91152.0	-6912.0								
601	9.2	91321.0	-6935.0								
602	9.4	91329.0	-6921.0								
603	8.4	91348.0	-6936.0								
604	9.5	91406.0	-6958.5								
605	8.6	91438.0	-6907.0								
606	10.0	91503.0	-6943.0								
607	8.8	91534.0	-6907.0								
608	10.0	91535.0	-6908.0								
609	8.5	91603.0	-6952.0								
610	7.8	91625.0	-6916.5								
611	9.5	91637.0	-6909.5								
612	10.0	91729.0	-6909.0								
613	9.7	91822.0	-6930.0								
614	9.9	91836.0	-6907.0								
615	10.2	91849.0	-6921.5								
616	9.8	91854.0	-6926.5								

-69 617 9h20m

-69 976 12h05m

617	9.3	92001.0	-6930.0	707	10.0	100549.0	-6905.0	797	9.2	104159.0	-6946.5	887	9.8	112525.0	-6914.0
618	10.0	92047.0	-6943.0	708	8.3	100621.0	-6945.0	798	9.7	104218.0	-6954.5	888	9.9	112541.0	-6931.0
619	10.0	92051.0	-6948.0	709	9.0	100706.0	-6936.5	799	9.9	104321.0	-6937.5	889	9.4	112551.0	-6928.5
620	10.0	92125.0	-6942.0	710	9.8	100709.0	-6955.0	800	9.6	104355.0	-6951.5	890	9.7	112652.0	-6921.5
621	9.8	92138.0	-6924.0	711	10.1	100756.0	-6958.0	801	10.2	104459.0	-6950.0	891	9.9	112717.0	-6930.0
622	10.0	92213.0	-6942.5	712	9.4	100759.0	-6902.0	802	9.1	104505.0	-6957.0	892	10.0	112742.0	-6946.0
623	6.6	92301.0	-6932.0	713	8.0	100814.0	-6902.5	803	10.2	104515.0	-6925.0	893	6.7	112801.0	-6930.0
624	7.9	92305.0	-6952.0	714	10.0	100825.0	-6916.5	804	9.6	104527.0	-6949.0	894	9.3	112808.0	-6953.5
625	10.0	92318.0	-6926.0	715	8.7	100849.0	-6905.0	805	10.0	104635.0	-6919.5	895	9.5	112853.0	-6910.5
626	9.0	92347.0	-6952.0	716	9.3	100945.0	-6912.5	806	10.0	104638.0	-6955.5	896	8.3	113017.0	-6931.0
627	9.2	92349.0	-6906.0	717	10.0	101018.0	-6957.0	807	10.2	104729.0	-6907.5	897	10.1	113116.0	-6951.5
628	10.0	92404.0	-6925.0	718	9.9	101028.0	-6945.0	808	10.2	104736.0	-6933.5	898	9.4	113122.0	-6901.5
629	9.7	92433.0	-6954.0	719	10.0	101033.0	-6911.0	809	10.0	104737.0	-6942.5	899	9.6	113146.0	-6947.0
630	10.0	92509.0	-6942.0	720	8.6	101047.0	-6925.0	810	9.0	104809.0	-6914.0	900	10.1	113150.0	-6914.0
631	9.7	92519.0	-6953.0	721	9.4	101052.0	-6909.0	811	10.0	104905.0	-6939.0	901	10.0	113208.0	-6949.0
632	9.6	92528.0	-6918.0	722	9.5	101125.0	-6901.0	812	8.8	105023.0	-6923.5	902	9.9	113214.0	-6931.0
633	9.0	92533.0	-6925.0	723	10.2	101136.0	-6910.5	813	9.5	105058.0	-6922.0	903	9.9	113221.0	-6932.0
634	9.3	92534.0	-6906.5	724	10.2	101156.0	-6914.5	814	9.5	105120.0	-6935.0	904	9.5	113320.0	-6909.0
635	10.0	92630.0	-6907.0	725	8.3	101208.0	-6901.0	815	9.2	105125.0	-6900.0	905	10.0	113406.0	-6942.0
636	9.8	92740.0	-6907.5	726	9.0	101228.0	-6925.5	816	8.9	105211.0	-6947.0	906	9.8	113406.0	-6946.0
637	9.8	92802.0	-6928.0	727	8.3	101240.0	-6938.5	817	9.0	105253.0	-6919.0	907	10.1	113421.0	-6956.5
638	9.9	92857.0	-6927.0	728	10.0	101308.0	-6946.0	818	10.0	105312.0	-6926.0	908	10.2	113552.0	-6943.5
639	8.3	93000.0	-6922.5	729	8.4	101359.0	-6953.5	819	10.2	105313.0	-6956.0	909	10.2	113610.0	-6933.5
640	7.1	93003.0	-6955.0	730	10.1	101541.0	-6929.5	820	9.6	105334.0	-6916.5	910	9.4	113712.0	-6909.5
641	9.8	93023.0	-6942.0	731	9.9	101559.0	-6949.5	821	8.5	105355.0	-6915.5	911	9.8	113719.0	-6958.0
642	10.1	93054.0	-6925.0	732	10.0	101600.0	-6938.0	822	9.7	105401.0	-6923.5	912	10.0	113724.0	-6909.0
643	10.1	93108.0	-6924.0	733	10.0	101605.0	-6938.5	823	9.9	105433.0	-6928.5	913	10.1	113831.0	-6959.5
644	9.2	93119.0	-6910.5	734	10.0	101617.0	-6917.0	824	9.8	105511.0	-6946.5	914	9.2	113833.0	-6923.0
645	8.8	93122.0	-6902.5	735	10.0	101638.0	-6949.0	825	9.8	105517.0	-6941.5	915	9.5	113904.0	-6941.0
646	8.5	93132.0	-6908.0	736	9.9	101732.0	-6944.5	826	10.1	105537.0	-6929.0	916	9.5	113904.0	-6924.0
647	10.1	93141.0	-6934.0	737	9.8	101843.0	-6927.0	827	9.5	105543.0	-6902.0	917	10.0	113917.0	-6945.5
648	10.0	93154.0	-6908.0	738	9.4	101908.0	-6900.5	828	8.0	105546.0	-6907.5	918	9.3	113925.0	-6915.5
649	9.7	93238.0	-6901.0	739	9.3	101918.0	-6954.0	829	9.8	105622.0	-6931.5	919	9.3	114042.0	-6934.5
650	10.0	93345.0	-6950.0	740	10.0	101946.0	-6928.0	830	9.9	105635.0	-6939.5	920	8.8	114048.0	-6926.0
651	9.6	93435.0	-6913.5	741	7.5	102058.0	-6917.0	831	9.6	105915.0	-6903.0	921	8.2	114055.0	-6949.0
652	9.0	93710.0	-6918.5	742	9.9	102123.0	-6930.0	832	7.8	105953.0	-6915.5	922	9.4	114056.0	-6943.0
653	10.1	93714.0	-6909.0	743	10.2	102157.0	-6942.5	833	9.8	110109.0	-6935.5	923	9.2	114105.0	-6947.0
654	8.9	93833.0	-6943.0	744	9.9	102208.0	-6927.0	834	10.2	110117.0	-6926.5	924	8.9	114129.0	-6943.5
655	9.2	93841.0	-6903.0	745	9.7	102210.0	-6914.0	835	10.2	110135.0	-6959.5	925	10.0	114208.0	-6900.0
656	10.1	93903.0	-6921.5	746	9.8	102314.0	-6901.5	836	10.1	110247.0	-6901.0	926	8.5	114302.0	-6945.5
657	10.0	93945.0	-6917.0	747	10.0	102327.0	-6942.0	837	10.1	110410.0	-6947.0	927	10.1	114302.0	-6950.0
658	9.4	93957.0	-6901.0	748	8.6	102332.0	-6914.5	838	9.9	110425.0	-6946.5	928	9.8	114340.0	-6955.5
659	10.1	94001.0	-6932.5	749	9.5	102341.0	-6905.0	839	9.9	110428.0	-6949.0	929	9.8	114356.0	-6929.5
660	9.0	94049.0	-6948.0	750	10.1	102421.0	-6926.0	840	9.0	110433.0	-6956.0	930	5.6	114359.0	-6932.0
661	8.6	94124.0	-6942.0	751	9.9	102447.0	-6945.0	841	10.1	110439.0	-6921.0	931	10.1	114426.0	-6945.0
662	8.0	94127.0	-6908.0	752	8.8	102451.0	-6946.0	842	8.7	110507.0	-6941.5	932	9.8	114441.0	-6950.0
663	10.0	94133.0	-6913.5	753	10.0	102536.0	-6913.0	843	10.0	110535.0	-6958.0	933	10.1	114511.0	-6929.0
664	8.3	94201.0	-6913.0	754	9.1	102541.0	-6914.5	844	10.0	110540.0	-6942.0	934	10.0	114557.0	-6919.5
665	9.4	94204.0	-6942.0	755	8.6	102535.0	-6935.0	845	9.1	110637.0	-6919.0	935	9.8	114601.0	-6923.0
666	10.0	94210.0	-6901.0	756	10.1	102636.0	-6936.5	846	10.0	110646.0	-6955.0	936	9.5	114637.0	-6915.5
667	10.0	94213.0	-6950.0	757	8.5	102648.0	-6913.0	847	9.8	110735.0	-6951.0	937	9.5	114639.0	-6916.5
668	7.1	94250.0	-6911.0	758	9.8	102655.0	-6944.0	848	9.0	110805.0	-6940.5	938	10.0	114646.0	-6935.0
669	9.7	94320.0	-6920.0	759	10.0	102717.0	-6944.0	849	8.7	110823.0	-6926.5	939	8.5	114649.0	-6911.5
670	10.0	94324.0	-6916.0	760	9.7	102749.0	-6932.0	850	8.1	110848.0	-6957.5	940	8.8	114755.0	-6914.5
671	7.2	94331.0	-6932.0	761	10.1	102827.0	-6940.0	851	7.8	111001.0	-6941.0	941	9.2	114815.0	-6918.5
672	9.5	94501.0	-6922.5	762	8.2	102833.0	-6926.0	852	10.2	111015.0	-6946.0	942	9.3	114820.0	-6916.5
673	9.9	94508.0	-6955.5	763	9.7	102935.0	-6935.0	853	10.2	111024.0	-6908.0	943	10.0	114906.0	-6947.5
674	10.0	94520.0	-6932.5	764	10.1	103033.0	-6948.0	854	10.0	111028.0	-6946.0	944	10.2	114933.0	-6944.5
675	9.8	94523.0	-6928.0	765	10.1	103103.0	-6933.5	855	9.8	111046.0	-6932.0	945	8.9	115010.0	-6900.5
676	10.0	94530.0	-6914.5	766	8.5	103104.0	-6942.5	856	9.7	111101.0	-6914.0	946	8.0	115036.0	-6928.0
677	10.0	94534.0	-6933.0	767	9.9	103125.0	-6935.0	857	7.8	111137.0	-6913.5	947	10.0	115103.0	-6959.0
678	9.3	94542.0	-6921.0	768	8.5	103135.0	-6958.0	858	10.2	111137.0	-6944.0	948	10.0	115210.0	-6957.0
679	9.3	94546.0	-6922.5	769	9.5	103143.0	-6952.0	859	10.1	111144.0	-6946.0	949	10.0	115310.0	-6937.0
680	10.0	94653.0	-6939.0	770	8.2	103154.0	-6910.0	860	10.1	111159.0	-6924.0	950	8.5	115336.0	-6911.5
681	8.5	94658.0	-6929.5	771	10.0	103217.0	-6927.0	861	9.4	111227.0	-6924.0	951	9.0	115412.0	-6928.0
682	9.9	94832.0	-6920.0	772	10.0	103224.0	-6940.5	862	10.1	111234.0	-6928.5	952	9.2	115413.0	-6938.0
683	9.2	94936.0	-6912.0	773	10.2	103237.0	-6930.5	863	10.0	111236.0	-6925.5	953	9.5	115420.0	-6918.0
684	7.0	95123.0	-6918.0	774	9.2	103258.0	-6956.0	864	9.2	111257.0	-6959.0	954	9.7	115444.0	-6922.0
685	8.8	95137.0	-6901.5	775	8.7	103344.0	-6947.0	865	8.8	111303.0	-6913.0	955	8.4	115524.0	-6943.0
686	10.1	95141.0	-6915.0	776	9.5	103410.0	-6959.0	866	9.4	111306.0	-6910.5	956	8.5	115753.0	-6901.5
687	10.1	95141.0	-6917.0	777	10.1	103450.0	-6919.5	867	9.8	111337.0	-6941.0	957	7.5	115830.0	-6918.0
688	10.1	95147.0	-6903.5	778	8.0	103452.0	-6939.5	868	10.0	111352.0	-6931.0	958	8.7	115832.0	-6907.0
689	9.1	95322.0	-6925.0	779	9.8	103548.0	-6921.5	869	10.1	111357.0	-6939.0	959	10.2	115836.0	-6935.0
690	9.9	95442.0	-6959.0	780	10.2	103548.0	-6945.5	870	10.0	111403.0	-6942.5	960	10.2	115845.0	-6928.0
691	10.1	95624.0	-6914.0	781	10.1	103610.0	-6923.5	871	8.1	111457.0	-6956.5	961	9.9	115901.0	-6942.0
692	9.9	95708.0	-6907.0	782	10.1	103625.0	-6915.0	872	10.0	111715.0	-6940.0	962	9.0	115906.0	-6913.0
693	9.8	95744.0	-6927.5	783	9.8	103730.0	-6901.5	873	9.6	111732.0	-6950.0	963	9.9	115946.0	-6908.0
694	8.6	95818.0	-6912.5	784	9.7	103733.0	-6902.5	874	9.2	111755.0	-6911.0	964	7.8	115947.0	-6906.0
695	10.0	95853.0	-6915.0	785	10.0	103740.0	-6931.0	875	10.0	111846.0	-6911.5	965	10.0	120005.0	-6912.5
696	9.5	95912.0	-6943.5	786	10.0	103747.0	-6932.0	876	9.8	111848.0	-6931.5	966	10.2	120033.0	-6917.5
697	9.9	95912.0	-6936.5	787	10.2	103817.0	-6912.0	877	9.4	111849.0	-6927.0	967	9.5	120045.0	-6942.0
698	9.5	95958.0	-6901.0	788	10.2	103837.0	-6928.0	878	10.0	111947.0	-6953.0	968	9.2	120046.0	-6945.0
699	9.8	100122.0	-6930.0	789	9.8	103843.0	-6925.0	879	9.2	111953.0	-6911.5	969	10.1	120055.0	-6948.0
700	9.6	100142.0	-6926.0	790	10.0	103847.0	-6953.0	880	10.0	112132.0	-6929.0	970	9.9	120110.0	-6912.5
701	9.9	100248.0	-6946.5	791	10.0	103857.0	-6929.0	881	10.0	112140.0	-6934.0	971	10.1	120112.0	-6928.0
702	9.4	100258.0	-6959.0	792	9.9	104008.0	-6910.0	882	10.0	112141.0	-6922.0	972	9.8	120120.0	-6925.0
703	9.7	100333.0	-6943.0	793	10.0	104025.0	-6940.0	883	9.6	112148.0	-6954.5	973	8.9	120250.0	-6930.5
704	10.1	100427.0	-6902.0	794	10.2	104044.0	-6957.0	884	9.5	112215.0	-6940.0	974	10.0	120339.0	-6918.0
705	9.5	100439.0	-6928.0	795	9.8	104158.0	-6936.5	885	9.2	112223.0	-6926.0	975	9.9	120430.0	-6922.5
706	10.0	100509.0	-6941.5	796	9.6	104159.0	-6934.0	886	9.2	112437.0	-6910.5	976	8.9	120511.0	-6902.0

-69 977 12h06m

-69 1336 14h57m

977	6.5	120605.0	-6927.5	1067	8.5	125533.0	-6936.0	1157	9.0	133725.0	-6955.0
978	8.8	120723.0	-6920.5	1068	10.1	125536.0	-6953.0	1158	10.0	133839.0	-6955.0
979	10.1	120806.0	-6959.0	1069	9.8	125539.0	-6910.5	1159	9.9	133957.0	-6953.0
980	9.9	120929.0	-6938.5	1070	10.1	125542.0	-6940.0	1160	10.1	134101.0	-6925.0
981	9.8	121024.0	-6940.0	1071	8.6	125623.0	-6919.0	1161	9.5	134147.0	-6932.0
982	9.9	121026.0	-6927.5	1072	9.9	125650.0	-6940.5	1162	10.1	134153.0	-6937.0
983	10.0	121056.0	-6924.0	1073	9.1	125747.0	-6902.5	1163	10.0	134222.0	-6906.0
984	8.8	121057.0	-6940.0	1074	9.7	125753.0	-6941.0	1164	10.0	134244.0	-6950.0
985	8.2	121106.0	-6914.5	1075	10.1	125803.0	-6913.0	1165	7.4	134310.0	-6925.5
986	10.0	121216.0	-6951.0	1076	10.1	125856.0	-6938.0	1166	9.5	134354.0	-6952.0
987	9.8	121225.0	-6948.0	1077	9.5	125857.0	-6950.5	1167	9.5	134522.0	-6955.0
988	8.4	121321.0	-6905.0	1078	9.8	125857.0	-6946.0	1168	9.5	134527.0	-6920.5
989	10.0	121330.0	-6914.0	1079	9.2	125907.0	-6911.5	1169	9.4	134605.0	-6900.0
990	9.9	121405.0	-6915.0	1080	8.5	130020.0	-6903.0	1170	9.8	134624.0	-6954.0
991	10.0	121406.0	-6959.0	1081	10.2	130025.0	-6906.0	1171	9.2	134633.0	-6939.5
992	9.8	121814.0	-6940.0	1082	9.8	130133.0	-6919.0	1172	9.2	134722.0	-6930.0
993	10.2	121854.0	-6932.0	1083	9.2	130143.0	-6903.0	1173	9.1	134746.0	-6942.0
994	7.6	122102.0	-6951.0	1084	10.0	130253.0	-6922.0	1174	10.0	134926.0	-6946.5
995	8.8	122143.0	-6913.0	1085	9.0	130255.0	-6920.0	1175	10.2	134928.0	-6919.5
996	9.9	122154.0	-6950.5	1086	6.4	130316.0	-6916.5	1176	9.0	134934.0	-6920.5
997	10.2	122220.0	-6959.0	1087	9.5	130338.0	-6953.0	1177	10.0	135002.0	-6949.0
998	9.8	122248.0	-6933.0	1088	9.0	130345.0	-6939.0	1178	9.8	135020.0	-6947.5
999	9.5	122254.0	-6938.0	1089	9.9	130356.0	-6948.0	1179	9.7	135027.0	-6906.0
1000	9.5	122433.0	-6957.0	1090	8.5	130431.0	-6929.0	1180	9.7	135031.0	-6943.5
1001	8.5	122531.0	-6913.5	1091	9.7	130520.0	-6938.0	1181	9.8	135156.0	-6959.5
1002	9.5	122546.0	-6914.5	1092	9.9	130534.0	-6948.0	1182	10.0	135226.0	-6900.0
1003	9.0	122631.0	-6938.0	1093	10.1	130548.0	-6956.0	1183	10.0	135226.0	-6918.0
1004	9.6	122659.0	-6903.0	1094	7.3	130635.0	-6949.0	1184	9.6	135316.0	-6909.0
1005	10.1	122704.0	-6933.0	1095	7.1	130649.0	-6901.0	1185	10.1	135345.0	-6907.5
1006	8.6	122726.0	-6912.0	1096	10.1	130657.0	-6903.0	1186	9.8	135348.0	-6950.0
1007	9.8	122734.0	-6921.0	1097	9.7	130658.0	-6906.0	1187	10.0	135435.0	-6918.5
1008	9.2	122758.0	-6938.5	1098	9.4	130738.0	-6958.0	1188	7.9	135440.0	-6916.0
1009	10.1	122939.0	-6957.0	1099	9.7	130806.0	-6931.5	1189	9.0	135454.0	-6914.0
1010	9.8	122941.0	-6947.0	1100	9.8	130903.0	-6909.0	1190	9.5	135526.0	-6923.0
1011	9.4	122952.0	-6903.0	1101	10.1	130925.0	-6953.0	1191	9.8	135617.0	-6918.5
1012	8.6	123026.0	-6958.5	1102	10.0	131041.0	-6940.0	1192	10.0	135635.0	-6907.5
1013	10.1	123208.0	-6902.0	1103	9.6	131120.0	-6953.0	1193	9.5	135708.0	-6947.5
1014	9.7	123211.0	-6930.0	1104	9.1	131141.0	-6938.0	1194	9.8	135724.0	-6921.5
1015	8.8	123244.0	-6902.5	1105	7.8	131151.0	-6901.5	1195	10.0	135804.0	-6953.5
1016	9.5	123253.0	-6928.0	1106	10.2	131204.0	-6907.5	1196	9.3	135807.0	-6950.0
1017	7.5	123256.0	-6952.0	1107	10.2	131210.0	-6910.0	1197	9.6	135902.0	-6953.0
1018	8.3	123317.0	-6944.0	1108	8.5	131217.0	-6937.0	1198	9.8	135904.0	-6903.0
1019	10.2	123326.0	-6901.5	1109	8.2	131248.0	-6917.0	1199	9.9	135910.0	-6949.0
1020	9.9	123434.0	-6917.5	1110	7.4	131308.0	-6953.5	1200	9.8	135931.0	-6918.5
1021	9.2	123454.0	-6931.0	1111	10.0	131434.0	-6925.5	1201	10.0	135937.0	-6918.0
1022	10.0	123504.0	-6954.0	1112	8.6	131447.0	-6944.0	1202	10.0	135954.0	-6903.0
1023	8.5	123513.0	-6918.5	1113	10.2	131455.0	-6918.0	1203	6.7	140010.0	-6942.5
1024	9.3	123622.0	-6949.0	1114	7.2	131544.0	-6946.5	1204	6.4	140046.0	-6907.5
1025	10.0	123631.0	-6952.0	1115	10.0	131605.0	-6950.5	1205	9.5	140132.0	-6959.5
1026	10.1	123656.0	-6902.5	1116	10.1	131617.0	-6906.5	1206	8.2	140138.0	-6935.0
1027	9.9	123811.0	-6915.5	1117	6.1	131646.0	-6958.5	1207	9.2	140341.0	-6905.0
1028	9.5	123901.0	-6958.0	1118	10.0	131702.0	-6906.0	1208	10.0	140416.0	-6934.0
1029	9.7	123932.0	-6935.0	1119	10.2	131706.0	-6948.0	1209	10.0	140421.0	-6924.0
1030	9.6	124017.0	-6951.5	1120	9.0	131722.0	-6953.5	1210	10.2	140438.0	-6908.0
1031	9.1	124020.0	-6938.5	1121	10.1	131749.0	-6952.5	1211	9.5	140439.0	-6930.0
1032	9.9	124110.0	-6913.0	1122	10.0	132028.0	-6930.0	1212	8.7	140450.0	-6950.0
1033	9.5	124154.0	-6911.5	1123	10.0	132044.0	-6951.0	1213	10.0	140453.0	-6917.0
1034	10.0	124230.0	-6950.5	1124	9.3	132118.0	-6923.0	1214	10.2	140455.0	-6917.5
1035	10.2	124250.0	-6916.5	1125	9.3	132124.0	-6922.0	1215	9.5	140549.0	-6926.0
1036	10.1	124255.0	-6958.5	1126	10.0	132235.0	-6939.5	1216	10.0	140611.0	-6940.5
1037	10.1	124329.0	-6920.0	1127	9.8	132302.0	-6948.5	1217	9.9	140705.0	-6942.0
1038	9.2	124403.0	-6944.0	1128	8.4	132346.0	-6947.5	1218	9.5	140810.0	-6918.0
1039	10.1	124415.0	-6919.0	1129	9.7	132403.0	-6933.0	1219	9.1	140821.0	-6913.5
1040	9.7	124425.0	-6943.5	1130	10.2	132421.0	-6949.0	1220	9.9	140910.0	-6925.5
1041	10.2	124442.0	-6943.5	1131	10.0	132519.0	-6949.0	1221	9.2	140912.0	-6920.5
1042	9.8	124442.0	-6951.0	1132	9.7	132618.0	-6916.5	1222	8.7	141010.0	-6914.0
1043	9.7	124453.0	-6908.0	1133	9.2	132655.0	-6938.0	1223	10.2	141057.0	-6900.0
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1046	7.2	124617.0	-6921.5	1136	10.1	132746.0	-6914.0	1226	9.3	141312.0	-6924.0
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1048	10.2	124810.0	-6916.5	1138	10.1	132838.0	-6926.0	1228	10.0	141403.0	-6910.5
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1050	10.1	124847.0	-6945.0	1140	9.7	132909.0	-6954.0	1230	8.5	141426.0	-6927.5
1051	10.0	124851.0	-6955.0	1141	9.4	132920.0	-6933.0	1231	10.0	141443.0	-6937.0
1052	9.8	124905.0	-6908.5	1142	6.7	132921.0	-6948.0	1232	9.0	141443.0	-6958.0
1053	9.4	124954.0	-6952.5	1143	9.2	132927.0	-6928.5	1233	10.2	141448.0	-6901.5
1054	10.1	125005.0	-6917.0	1144	9.9	133034.0	-6902.0	1234	10.1	141527.0	-6940.0
1055	9.8	125014.0	-6948.0	1145	9.0	133126.0	-6921.0	1235	10.0	141605.0	-6928.0
1056	9.9	125045.0	-6936.0	1146	9.5	133134.0	-6931.5	1236	10.0	141803.0	-6948.0
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1058	8.0	125110.0	-6957.5	1148	10.2	133235.0	-6909.5	1238	9.8	141817.0	-6910.0
1059	10.0	125148.0	-6921.5	1149	10.0	133249.0	-6959.0	1239	8.5	141843.0	-6940.5
1060	9.0	125219.0	-6932.0	1150	8.5	133255.0	-6947.0	1240	9.7	141848.0	-6933.5
1061	10.1	125225.0	-6926.0	1151	9.7	133347.0	-6942.0	1241	9.0	141919.0	-6913.0
1062	9.7	125241.0	-6950.0	1152	9.5	133414.0	-6938.0	1242	10.2	142037.0	-6913.0
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1064	9.9	125336.0	-6957.0	1154	10.0	133603.0	-6900.0	1244	8.7	142138.0	-6932.0
1065	10.1	125407.0	-6932.0	1155	9.9	133632.0	-6902.5	1245	9.7	142152.0	-6953.0
1066	9.8	125421.0	-6959.0	1156	9.2	133722.0	-6930.5	1246	9.8	142209.0	-6938.5
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1250	9.8	142416.0	-6901.0								
1251	7.5	142455.0	-6925.5								
1252	8.5	142509.0	-6945.0								
1253	9.5	142646.0	-6948.0								
1254	9.8	142648.0	-6928.5								
1255	9.9	142652.0	-6952.5								
1256	8.6	142818.0	-6945.0								
1257	10.2	142836.0	-6954.0								
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1271	7.5	143436.0	-6905.5								
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1273	10.1	143535.0	-6918.5								
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1275	8.7	143624.0	-6901.5								
1276	9.5	143750.0	-6937.5								
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1278	10.0	143850.0	-6910.0								
1279	10.0	143939.0	-6946.0								
1280	10.1	143945.0	-6953.0								
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1282	9.7	144014.0	-6911.0								
1283	9.8	144036.0	-6900.0								
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1285	10.0	144111.0	-6933.0								
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1287	9.5	144153.0	-6916.0								
1288	8.8	144154.0	-6901.0								
1289	9.7	144157.0	-6939.5								
1290	10.0	144211.0	-6926.5								
1291	10.2	144219.0	-6926.5								
1292	10.1	144230.0	-6938.5								
1293	9.5	144307.0	-6942.0								
1294	10.2	144311.0	-6929.0								
1295	9.2	144312.0	-6935.0								
1296	6.6	144328.0	-6921.0								
1297	10.0	144330.0	-6947.5								
1298	9.5	144341.0	-6902.5								
1299	8.5	144406.0	-6937.0								
1300	8.3	144408.0	-6949.5								
1301	8.6	144425.0	-6928.8								
1302	9.5	144508.0	-6949.5								
1303	9.7	144513.0	-6959.0								
1304	10.0	144525.0	-6908.5								
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1306	8.3	144653.0	-6937.5								
1307	9.5	144658.0	-6904.0								
1308	9.5	144725.0	-6924.5								
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1314	9.3	144908.0	-6952.0								
1315	9.8	144928.0	-6927.0								
1316	9.8	144931.0	-6926.5								
1317	10.0	145006.0	-6931.0								
1318	10.0	145009.0	-6930.0								
1319	10.0	145050.0	-6905.5								
1320	9.4	145140.0	-6956.5								
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1322	9.6	145212.0	-6904.0								
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1327	10.2	145432.0	-6923.5								
1328	9.5	145437.0	-6946.0								
1329	10.1	145528.0	-6924.0								
1330	8.9	145545.0	-6938.5								
1331	9.9	145626.0	-6906.5								
1332	10.2	145636.0	-6908.5								
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1334	9.8	145703.0	-6917.0								
1335	9.5	145729.0	-6956.5								
1336	9.6	145742.0	-6943.0								

-69 1337 14h57m

-69 1696 17h38m

1337 9.2 145752.0 -6941.5	1427 9.8 152750.0 -6946.0	1517 10.2 160956.0 -6906.5	1607 9.8 165317.0 -6923.0
1338 10.2 145830.0 -6930.0	1428 9.9 152804.0 -6935.0	1518 9.2 161005.0 -6903.5	1608 9.5 165327.0 -6958.5
1339 10.0 145858.0 -6945.0	1429 9.8 152900.0 -6947.0	1519 9.7 161007.0 -6903.0	1609 8.9 165354.0 -6905.0
1340 9.8 145943.0 -6909.0	1430 7.5 153052.0 -6951.5	1520 6.9 161050.0 -6950.5	1610 10.0 165436.0 -6956.0
1341 9.5 145946.0 -6907.0	1431 9.7 153128.0 -6905.5	1521 10.0 161131.0 -6940.0	1611 9.8 165601.0 -6941.0
1342 9.8 150017.0 -6903.0	1432 8.0 153142.0 -6953.5	1522 9.5 161133.0 -6945.5	1612 10.2 165627.0 -6955.0
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1748 10.0 180820.0 -6932.0	1838 10.0 191025.0 -6913.5	1928 8.8 201639.0 -6903.5	2018 10.2 214906.0 -6951.0
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1786 10.0 182819.0 -6931.0	1876 9.2 193835.0 -6945.5	1966 8.3 205650.0 -6944.0	2056 10.0 223512.0 -6912.5

-69 2056 22h35m

2057	9.4	223516.0	-6957.0	21	10.0	02225.0	-7014.0	111	4.9	21431.0	-7003.0
2058	9.6	223753.0	-6918.5	22	9.8	02248.0	-7022.0	112	8.9	21651.0	-7028.0
2059	10.0	223808.0	-6940.5	23	10.0	02352.0	-7003.0	113	8.8	21759.0	-7000.0
2060	8.3	224008.0	-6928.0	24	10.0	02516.0	-7014.0	114	9.2	21912.0	-7019.5
2061	8.0	224203.0	-6938.5	25	9.2	02600.0	-7011.5	115	10.2	21955.0	-7016.0
2062	9.5	224312.0	-6940.5	26	9.5	02700.0	-7011.5	116	9.0	22103.0	-7002.0
2063	10.2	224430.0	-6938.0	27	9.8	02934.0	-7039.0	117	10.2	22130.0	-7044.0
2064	10.2	224431.0	-6950.0	28	8.9	03115.0	-7057.5	118	9.3	22249.0	-7042.5
2065	10.0	224435.0	-6947.0	29	8.1	03123.0	-7007.5	119	9.5	22257.0	-7036.0
2066	9.8	224528.0	-6918.0	30	9.9	03130.0	-7036.0	120	7.6	22345.0	-7039.5
2067	9.5	224545.0	-6919.0	31	9.7	03420.0	-7025.0	121	9.8	22417.0	-7003.0
2068	9.5	224615.0	-6926.0	32	10.1	03535.0	-7024.5	122	9.7	22453.0	-7058.0
2069	7.5	224627.0	-6946.0	33	9.5	03744.0	-7042.5	123	9.3	22519.0	-7028.0
2070	9.5	224630.0	-6905.0	34	9.1	03810.0	-7059.0	124	7.3	22556.0	-7005.5
2071	7.9	224756.0	-6926.5	35	10.2	04205.0	-7012.5	125	10.2	22740.0	-7011.5
2072	10.1	225129.0	-6905.0	36	10.0	04336.0	-7010.5	126	10.0	22813.0	-7025.0
2073	9.8	225347.0	-6910.0	37	9.8	04509.0	-7048.5	127	10.1	22937.0	-7031.5
2074	9.9	225500.0	-6932.5	38	6.5	04740.0	-7011.0	128	8.8	23041.0	-7009.5
2075	9.5	225516.0	-6943.0	39	7.7	04744.0	-7011.0	129	7.9	23056.0	-7040.0
2076	9.2	225550.0	-6901.0	40	9.2	04933.0	-7047.5	130	9.0	23129.0	-7018.0
2077	9.5	225624.0	-6903.0	41	9.8	04945.0	-7025.0	131	9.5	23202.0	-7049.5
2078	5.8	225636.0	-6930.0	42	5.5	05025.0	-7012.5	132	8.9	23626.0	-7039.5
2079	10.2	225713.0	-6913.0	43	9.7	05143.0	-7038.0	133	8.5	23855.0	-7027.5
2080	9.3	225840.0	-6956.0	44	9.0	05230.0	-7018.0	134	9.7	23921.0	-7035.0
2081	10.0	230032.0	-6907.0	45	9.7	05530.0	-7056.5	135	10.0	24020.0	-7015.5
2082	9.9	230048.0	-6902.0	46	8.0	05547.0	-7051.5	136	9.0	24217.0	-7006.0
2083	9.2	230215.0	-6931.5	47	9.5	05636.0	-7052.0	137	9.4	24314.0	-7045.5
2084	10.1	230230.0	-6908.5	48	10.2	05842.0	-7051.0	138	10.0	24506.0	-7004.5
2085	9.0	230251.0	-6942.5	49	10.2	05845.0	-7050.0	139	10.0	24745.0	-7049.0
2086	10.0	230244.0	-6918.0	50	10.0	10133.0	-7015.0	140	8.6	24803.0	-7044.0
2087	9.8	230257.0	-6936.0	51	9.7	10413.0	-7058.0	141	8.8	24831.0	-7020.0
2088	10.0	230722.0	-6950.5	52	8.5	10446.0	-7014.5	142	9.7	24833.0	-7041.5
2089	9.5	230806.0	-6911.0	53	9.2	10607.0	-7019.5	143	9.8	24938.0	-7045.0
2090	10.0	230951.0	-6927.0	54	9.8	10653.0	-7037.0	144	10.0	25035.0	-7004.5
2091	9.6	230955.0	-6926.0	55	10.1	10826.0	-7015.0	145	9.6	25256.0	-7039.5
2092	10.1	231058.0	-6909.0	56	9.5	11232.0	-7054.0	146	9.0	25304.0	-7033.5
2093	9.6	231154.0	-6921.5	57	9.9	11330.0	-7005.0	147	10.2	25447.0	-7007.5
2094	8.9	231306.0	-6957.0	58	9.7	11553.0	-7012.5	148	10.2	25459.0	-7021.0
2095	10.0	231530.0	-6955.0	59	10.0	11600.0	-7047.0	149	9.8	25640.0	-7048.5
2096	9.7	231646.0	-6926.5	60	10.0	11810.0	-7050.0	150	9.7	25753.0	-7034.0
2097	9.6	231650.0	-6905.0	61	7.3	11813.0	-7022.5	151	9.0	25829.0	-7011.5
2098	9.7	231739.0	-6914.0	62	9.8	11822.0	-7059.0	152	9.7	25842.0	-7045.0
2099	9.7	232005.0	-6934.5	63	9.2	12057.0	-7008.0	153	9.6	25900.0	-7046.0
2100	9.9	232054.0	-6907.5	64	9.8	12112.0	-7051.0	154	10.0	25920.0	-7044.0
2101	9.2	232330.0	-6946.0	65	9.6	12136.0	-7050.5	155	9.8	25930.0	-7036.0
2102	7.2	232332.0	-6945.5	66	9.2	12154.0	-7047.0	156	7.8	30055.0	-7010.5
2103	9.3	232624.0	-6955.0	67	8.3	12455.0	-7046.0	157	9.6	30226.0	-7057.0
2104	9.5	233007.0	-6957.5	68	9.9	12809.0	-7057.0	158	8.5	30240.0	-7058.0
2105	9.8	233116.0	-6901.0	69	8.4	12810.0	-7038.0	159	9.8	30244.0	-7014.0
2106	8.2	233227.0	-6953.0	70	9.2	13020.0	-7046.0	160	9.8	30315.0	-7000.5
2107	9.1	233305.0	-6950.0	71	9.6	13252.0	-7058.0	161	10.1	30516.0	-7037.0
2108	10.0	233604.0	-6901.5	72	9.8	13327.0	-7011.0	162	9.3	30659.0	-7022.0
2109	9.6	233652.0	-6901.5	73	9.5	13331.0	-7035.0	163	9.7	30727.0	-7035.0
2110	10.2	233735.0	-6953.0	74	9.5	13352.0	-7033.0	164	10.0	30756.0	-7056.5
2111	9.8	233832.0	-6918.5	75	10.0	13525.0	-7021.0	165	8.5	31048.0	-7015.5
2112	7.0	234030.0	-6905.5	76	10.0	13658.0	-7049.0	166	9.2	31110.0	-7028.0
2113	7.3	234344.0	-6947.5	77	8.3	13722.0	-7037.0	167	10.0	31400.0	-7032.0
2114	9.2	234636.0	-6902.0	78	9.7	13910.0	-7023.0	168	7.4	31414.0	-7014.5
2115	9.7	234929.0	-6922.0	79	10.0	13935.0	-7001.5	169	10.0	31446.0	-7046.0
2116	10.0	235010.0	-6928.0	80	9.5	13958.0	-7012.0	170	8.6	31730.0	-7056.0
2117	9.9	235234.0	-6938.0	81	8.0	14436.0	-7030.5	171	9.0	31759.0	-7024.0
2118	10.0	235245.0	-6951.0	82	8.4	14515.0	-7021.0	172	10.0	31806.0	-7004.0
2119	10.0	235358.0	-6950.0	83	8.9	14523.0	-7041.5	173	10.0	31807.0	-7047.0
2120	10.2	235407.0	-6937.0	84	10.0	14525.0	-7002.5	174	10.0	31857.0	-7052.0
2121	8.5	235451.0	-6904.0	85	10.2	15021.0	-7034.5	175	10.0	32239.0	-7044.0
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1	9.4	00005.0	-7036.0	91	8.7	15557.0	-7009.5	181	9.5	32830.0	-7010.0
2	9.7	00108.0	-7051.5	92	10.0	15558.0	-7030.5	182	10.0	33000.0	-7049.5
3	8.9	00159.0	-7045.5	93	8.8	15652.0	-7039.5	183	8.5	33103.0	-7054.0
4	10.0	00710.0	-7021.0	94	9.5	15713.0	-7025.0	184	10.0	33125.0	-7013.0
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7	9.9	01034.0	-7040.0	97	9.6	15840.0	-7049.0	187	9.9	33319.0	-7030.0
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10	9.9	01142.0	-7011.0	100	9.5	20102.0	-7037.0	190	9.4	33726.0	-7057.0
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14	9.4	01955.0	-7037.5	104	10.0	20549.0	-7029.5	194	10.0	34133.0	-7046.0
15	9.8	02042.0	-7046.0	105	9.7	20938.0	-7035.0	195	10.0	34139.0	-7014.0
16	7.2	02103.0	-7000.5	106	9.5	21017.0	-7044.5	196	9.4	34325.0	-7005.0
17	10.1	02112.0	-7033.5	107	9.1	21209.0	-7004.5	197	9.2	34335.0	-7017.0
18	10.0	02120.0	-7016.0	108	9.9	21258.0	-7049.0	198	9.5	34427.0	-7023.0
19	10.0	02125.0	-7057.0	109	7.5	21338.0	-7001.0	199	9.5	34436.0	-7028.0
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201	7.3	34505.0	-7024.3								
202	10.1	34551.0	-7013.5								
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208	10.0	34911.0	-7048.0								
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210	8.9	35020.0	-7019.0								
211	9.2	35307.0	-7001.0								
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221	10.2	40654.0	-7045.0								
222	9.9	40750.0	-7007.5								
223	9.7	40830.0	-7033.0								
224	10.1	40907.0	-7056.0								
225	10.1	40910.0	-7046.0								
226	10.1	41152.0	-7053.0								
227	9.5	41244.0	-7042.0								
228	9.5	41320.0	-7057.0								
229	7.0	41355.0	-7044.0								
230	9.2	41420.0	-7049.0								
231	9.5	41440.0	-7054.0								
232	7.4	41715.0	-7002.0								
233	9.8	41753.0	-7012.0								
234	10.2	41908.0	-7020.0								
235	9.2	41932.0	-7000.0								
236	8.5	42103.0	-7044.0								
237	9.5	42115.0	-7009.5								
238	9.6	42158.0	-7057.0								
239	10.1	42502.0	-7041.0								
240	10.2	42520.0	-7043.0								
241	7.9	42624.0	-7016.5								
242	10.2	42639.0	-7019.0								
243	10.0	42645.0	-7010.0								
244	9.0	42735.0	-7039.0								
245	9.0	42807.0	-7001.5								
246	9.8	42932.0	-7027.5								
247	10.0	43018.0	-7010.0								
248	9.4	43055.0	-7039.5								
249	10.0	43100.0	-7032.0								
250	9.8	43147.0	-7000.5								
251	10.0	43405.0	-7007.0								
252	9.8	43609.0	-7017.0								
253	9.2	43810.0	-7019.0								
254	9.8	43922.0	-7000.0								
255	9.6	44246.0	-7014.5								
256	10.1	44522.0	-7035.5								
257	10.0	44612.0	-7053.5								
258	9.5	44701.0	-7023.0								
259	10.1	44843.0	-7021.5								
260	8.3	45000.0	-7028.5								
261	20.0	45130.0	-7011.5								
262	7.7	45138.0	-7002.0								
263	10.1	45155.0	-7000.0								
264	9.3	45310.0	-7016.0								
265	9.8	45440.0	-7036.0								
266	9.8	45518.0	-7035.0								
267	9.8	45527.0	-7014.0								
268	9.7	45632.0	-7009.0								
269	9.2	45635.0	-7029.0								
270	9.7	45636.0	-7026.0								
271	10.0	45712.0	-7032.0								
272	10.2	45720.0	-7048.0								
273	10.0	45742.0	-7001.5								
274	8.7	45756.0	-7058.5								
275	9.0	45909.0	-7020.0								
276	10.1	45930.0	-7043.0								
277	10.1	50026.0	-7003.5								
278	10.0	50044.0	-7054.0								
279	9.9	50050.0	-7017.0								
280	10.0	50125.0	-7038.0								
281	9.5	50150.0	-7052.5								
282	7.8	50157.0	-7048.0								
283	10.0	50243.0	-7051.0								
284	9.7	50247.0	-7013.5								
285	9.7	50430.0	-7036.0								
286	9.5	50526.0	-7050.5								
287	9.6	50554.0	-7046.0								
288	10.0	50618.0	-7029.0								
289	9.1	50720.0	-7050.5								
290	9.5	50730.0	-7045.5								

-70 291 5h07m

-70 650 9h47m

291	9.8	50750.0	-7015.5	381	10.0	62933.0	-7047.5	471	9.5	74214.0	-7029.5	561	9.8	85335.0	-7036.0
292	10.0	50910.0	-7052.5	382	10.1	62935.0	-7049.5	472	10.0	74433.0	-7028.0	562	7.8	85630.0	-7032.0
293	9.8	51110.0	-7042.0	383	9.9	62936.0	-7010.0	473	10.1	74605.0	-7007.0	563	8.5	85650.0	-7039.0
294	10.0	51127.0	-7017.0	384	9.5	63126.0	-7023.0	474	10.1	74635.0	-7036.0	564	9.8	85700.0	-7013.0
295	10.0	51127.0	-7036.0	385	9.6	63127.0	-7032.0	475	9.5	74906.0	-7038.0	565	9.5	85824.0	-7017.0
296	9.9	51243.0	-7034.5	386	10.0	63210.0	-7047.0	476	10.0	74954.0	-7042.0	566	10.0	85854.0	-7050.5
297	9.6	51252.0	-7032.0	387	10.1	63226.0	-7038.5	477	9.1	75112.0	-7010.5	567	9.2	85900.0	-7025.0
298	10.0	51534.0	-7036.0	388	7.5	63237.0	-7025.0	478	7.7	75124.0	-7027.5	568	9.5	85935.0	-7020.5
299	9.5	51537.0	-7005.0	389	9.7	63405.0	-7012.0	479	9.5	75217.0	-7046.0	569	9.7	85938.0	-7009.0
300	8.7	51557.0	-7043.0	390	10.1	63421.0	-7037.0	480	10.1	75420.0	-7047.0	570	9.7	90047.0	-7015.5
301	9.6	51609.0	-7025.0	391	8.7	63533.0	-7054.0	481	9.3	75522.0	-7058.5	571	9.2	90132.0	-7051.5
302	9.7	51655.0	-7011.0	392	10.1	63625.0	-7052.0	482	10.2	75628.0	-7033.0	572	6.9	90220.0	-7006.5
303	9.8	51657.0	-7038.0	393	9.4	63633.0	-7035.0	483	8.4	75716.0	-7022.5	573	9.8	90301.0	-7049.5
304	8.5	51719.0	-7035.0	394	8.0	63840.0	-7048.0	484	9.5	75902.0	-7002.5	574	9.7	90404.0	-7032.5
305	9.6	51834.0	-7023.0	395	7.3	63900.0	-7029.0	485	9.7	80048.0	-7009.5	575	5.2	90439.0	-7002.0
306	9.4	52140.0	-7051.5	396	8.3	63927.0	-7049.5	486	9.2	80103.0	-7029.5	576	10.0	90558.0	-7027.0
307	9.3	52302.0	-7041.5	397	9.2	64029.0	-7037.5	487	10.0	80151.0	-7001.0	577	8.8	90602.0	-7028.0
308	10.2	52452.0	-7013.5	398	9.5	64140.0	-7011.0	488	9.8	80247.0	-7047.0	578	9.0	90819.0	-7036.0
309	10.0	52525.0	-7007.5	399	7.3	64227.0	-7031.5	489	9.9	80316.0	-7024.5	579	9.7	90945.0	-7024.0
310	10.2	52617.0	-7022.5	400	10.0	64408.0	-7032.0	490	10.1	80413.0	-7021.5	580	9.9	90957.0	-7008.0
311	10.1	52645.0	-7017.5	401	9.5	64409.0	-7034.0	491	10.0	80457.0	-7010.0	581	10.0	90958.0	-7053.0
312	10.2	52740.0	-7049.0	402	9.0	64435.0	-7013.5	492	9.7	80553.0	-7049.5	582	9.9	91200.0	-7031.0
313	8.5	52753.0	-7010.0	403	9.8	64606.0	-7050.0	493	9.5	80635.0	-7011.0	583	9.7	91303.0	-7028.0
314	9.7	52812.0	-7050.0	404	6.5	64609.0	-7017.5	494	9.9	80827.0	-7030.5	584	9.6	91317.0	-7012.0
315	10.1	52827.0	-7051.0	405	9.5	64650.0	-7040.0	495	9.7	80944.0	-7000.5	585	9.5	91322.0	-7013.0
316	10.0	52909.0	-7037.0	406	8.0	64709.0	-7023.0	496	8.6	81047.0	-7024.5	586	9.2	91601.0	-7009.5
317	8.2	53043.0	-7055.5	407	8.8	64740.0	-7054.0	497	9.2	81118.0	-7057.5	587	8.9	91710.0	-7038.0
318	9.5	53104.0	-7021.0	408	8.5	64816.0	-7019.5	498	8.9	81143.0	-7008.0	588	10.0	91748.0	-7042.0
319	8.5	53115.0	-7004.0	409	10.2	65119.0	-7031.0	499	8.0	81240.0	-7053.0	589	8.2	91835.0	-7028.5
320	9.5	53148.0	-7017.0	410	9.8	65136.0	-7047.0	500	9.9	81249.0	-7049.5	590	9.1	91920.0	-7033.0
321	9.2	53152.0	-7055.0	411	10.1	65154.0	-7007.0	501	10.0	81337.0	-7003.0	591	9.5	92017.0	-7048.0
322	10.0	53335.0	-7036.5	412	5.6	65253.0	-7048.5	502	10.1	81343.0	-7041.0	592	10.0	92038.0	-7040.0
323	9.9	53416.0	-7046.0	413	7.7	65352.0	-7021.0	503	9.3	81501.0	-7026.5	593	9.1	92040.0	-7047.0
324	9.7	53558.0	-7034.0	414	9.8	65449.0	-7006.5	504	9.9	81521.0	-7033.5	594	10.0	92129.0	-7038.5
325	9.2	53606.0	-7014.5	415	7.2	65626.0	-7019.5	505	9.0	81617.0	-7001.0	595	9.4	92153.0	-7016.5
326	10.0	53658.0	-7034.5	416	9.8	65703.0	-7016.5	506	9.5	81637.0	-7053.5	596	10.0	92153.0	-7052.0
327	10.0	53754.0	-7048.0	417	10.0	65845.0	-7036.0	507	10.0	81743.0	-7001.5	597	9.7	92301.0	-7041.0
328	9.5	53900.0	-7045.0	418	9.8	65916.0	-7039.5	508	9.6	81818.0	-7032.5	598	9.5	92317.0	-7033.0
329	8.2	53901.0	-7029.0	419	8.5	70256.0	-7023.0	509	10.0	81929.0	-7015.0	599	9.9	92320.0	-7038.0
330	8.2	53910.0	-7002.0	420	9.2	70346.0	-7051.0	510	10.0	81949.0	-7017.5	600	10.1	92340.0	-7056.0
331	10.0	53936.0	-7032.0	421	7.6	70420.0	-7021.0	511	10.0	82003.0	-7043.5	601	10.1	92400.0	-7054.0
332	10.0	54000.0	-7048.0	422	10.1	70451.0	-7027.0	512	9.9	82015.0	-7047.0	602	9.9	92427.0	-7011.5
333	10.1	54020.0	-7039.0	423	10.2	70733.0	-7051.0	513	9.4	82203.0	-7002.0	603	10.1	92438.0	-7007.5
334	9.8	54238.0	-7025.0	424	10.2	70750.0	-7029.0	514	9.8	82244.0	-7042.5	604	10.0	92447.0	-7048.5
335	9.5	54248.0	-7005.5	425	6.0	70946.0	-7017.5	515	10.0	82245.0	-7059.5	605	9.8	92448.0	-7031.5
336	9.0	54355.0	-7026.0	426	4.5	70948.0	-7017.8	516	9.2	82309.0	-7038.0	606	9.5	92545.0	-7028.5
337	9.7	54440.0	-7030.5	427	10.1	71050.0	-7021.0	517	10.0	82328.0	-7037.5	607	10.0	92550.0	-7010.5
338	9.7	54455.0	-7007.5	428	9.6	71057.0	-7028.0	518	10.2	82419.0	-7047.5	608	9.8	92609.0	-7027.5
339	9.4	54536.0	-7028.5	429	9.2	71125.0	-7008.5	519	10.0	82535.0	-7008.0	609	9.7	92611 0	-7047.5
340	8.3	54600.0	-7014.0	430	9.9	71130.0	-7055.0	520	8.7	82542.0	-7038.0	610	10.0	92635.0	-7026.5
341	10.1	54904.0	-7033.0	431	9.6	71148.0	-7022.0	521	10.1	82543.0	-7044.0	611	9.9	92637.0	-7042.5
342	8.5	54941.0	-7022.5	432	9.4	71232.0	-7033.5	522	9.8	82737.0	-7013.0	612	9.2	92643.0	-7011.0
343	10.0	55228.0	-7049.0	433	8.9	71434.0	-7019.0	523	9.8	82932.0	-7006.0	613	10.0	92748.)	-7014.5
344	8.2	55254.0	-7030.0	434	10.1	71659.0	-7034.0	524	9.5	83005.0	-7040.0	614	9.5	92805.0	-7030.5
345	10.0	55358.0	-7056.0	435	9.9	71713.0	-7050.0	525	9.7	83025.0	-7046.0	615	9.4	92850.0	-7043.0
346	9.0	55438.0	-7051.0	436	10.2	71722.0	-7032.5	526	10.1	83033.0	-7005.0	616	9.8	92854.0	-7009.0
347	10.1	55530.0	-7039.0	437	10.1	71818.0	-7010.0	527	8.4	83038.0	-7025.0	617	10.0	92908.0	-7057.0
348	10.0	55533.0	-7040.0	438	9.7	72134.0	-7004.0	528	9.8	83212.0	-7040.0	618	8.5	93021.0	-7048.0
349	8.3	55620.0	-7032.0	439	10.0	72140.0	-7053.5	529	10.0	83237.0	-7000.5	619	8.6	93043.0	-7051.5
350	9.5	55650.0	-7058.0	440	9.5	72221.0	-7003.5	530	10.0	83445.0	-7021.0	620	10.2	93105.0	-7050.0
351	10.0	55752.0	-7007.0	441	8.5	72229.0	-7044.5	531	9.7	83509.0	-7019.0	621	10.0	93140.0	-7006.0
352	9.0	55757.0	-7018.0	442	9.5	72230.0	-7001.0	532	10.0	83534.0	-7049.0	622	10.0	93143.0	-7041.0
353	9.2	55917.0	-7013.5	443	10.0	72247.0	-7049.0	533	10.1	83558.0	-7012.0	623	8.8	93235.0	-7022.5
354	10.0	60218.0	-7016.0	444	7.2	72402.0	-7023.5	534	7.0	83602.0	-7014.0	624	9.8	93339.0	-7011.0
355	8.4	60230.0	-7001.0	445	10.0	72420.0	-7038.0	535	10.0	83605.0	-7010.0	625	9.7	93356.0	-7041.0
356	8.7	60304.0	-7006.5	446	9.5	72428.0	-7019.0	536	9.7	83615.0	-7002.0	626	8.8	93450.0	-7038.0
357	9.0	60338.0	-7040.0	447	10.0	72428.0	-7020.0	537	9.7	83616.0	-7000.5	627	10.0	93520.0	-7009.0
358	10.0	60612.0	-7005.5	448	9.2	72453.0	-7031.5	538	10.0	83715.0	-7053.5	628	9.7	93543.0	-7031.5
359	9.9	60655.0	-7005.0	449	9.8	72459.0	-7044.0	539	9.8	83716.0	-7009.5	629	10.0	93612.0	-7044.0
360	9.5	60655.0	-7027.0	450	9.5	72512.0	-7034.0	540	10.0	83729.0	-7006.5	630	9.5	93613.0	-7028.0
361	9.8	60822.0	-7030.5	451	8.1	72557.0	-7009.0	541	10.0	83733.0	-7030.5	631	10.0	93700.0	-7053.0
362	9.2	61058.0	-7016.0	452	10.1	72725.0	-7044.5	542	8.7	84000.0	-7052.5	632	10.0	93748.0	-7026.0
363	8.9	61150.0	-7020.0	453	8.5	72846.0	-7029.5	543	10.0	84015.0	-7022.5	633	9.5	93756.0	-7026.0
364	10.0	61239.0	-7029.0	454	10.1	72950.0	-7014.0	544	9.9	84227.0	-7011.0	634	9.7	93759.0	-7027.5
365	10.0	61507.0	-7010.0	455	9.5	73023.0	-7031.5	545	9.5	84357.0	-7031.0	635	9.0	93908.0	-7005.0
366	10.0	61512.0	-7031.0	456	9.4	73032.0	-7004.5	546	9.7	84401.0	-7030.0	636	9.7	93917.0	-7031.5
367	10.0	61532.0	-7009.0	457	9.8	73140.0	-7035.0	547	9.2	84438.0	-7030.0	637	9.8	94002.0	-7038.5
368	9.9	61549.0	-7013.5	458	9.5	73415.0	-7059.0	548	10.0	84440.0	-7027.0	638	10.1	94124.0	-7055.0
369	9.5	61559.0	-7007.0	459	8.3	73516.0	-7006.0	549	9.7	84441.0	-7012.0	639	10.0	94145.0	-7023.5
370	9.1	61619.0	-7032.5	460	10.0	73552.0	-7028.0	550	9.6	84446.0	-7008.0	640	9.4	94150.0	-7053.0
371	9.2	61627.0	-7025.0	461	7.4	73624.0	-7014.5	551	8.2	84740.0	-7051.0	641	9.8	94154.0	-7015.5
372	9.9	61800.0	-7053.0	462	8.9	73812.0	-7017.5	552	10.0	84743.0	-7025.5	642	8.2	94246.0	-7009.5
373	9.2	61823.0	-7048.0	463	9.2	73824.0	-7003.5	553	9.8	84920.0	-7013.0	643	9.5	94312.0	-7006.5
374	10.0	61831.0	-7044.0	464	9.5	73849.0	-7036.0	554	9.8	84956.0	-7059.5	644	9.3	94459.0	-7002.0
375	9.5	61910.0	-7044.5	465	9.5	73958.0	-7034.5	555	9.5	85000.0	-7046.0	645	9.4	94503.0	-7008.5
376	9.5	62205.0	-7029.0	466	9.3	74013.0	-7009.5	556	9.9	85035.0	-7039.0	646	9.7	94529.0	-7036.0
377	10.0	62327.0	-7023.0	467	9.9	74101.0	-7028.0	557	9.9	85037.0	-7044.0	647	8.9	94617.0	-7020.0
378	8.0	62442.0	-7052.5	468	10.0	74121.0	-7059.5	558	9.4	85105.0	-7048.5	648	9.0	94639.0	-7011.5
379	7.9	62519.0	-7007.0	469	8.9	74200.0	-7054.5	559	10.0	85121.0	-7057.0	649	9.6	94715.0	-7018.5
380	9.2	62638.0	-7055.0	470	9.5	74205.0	-7048.5	560	10.0	85213.0	-7028.0	650	9.8	94730.0	-7034.0

-70 651 9h47m

-70 1010 13h00m

651	9.7	94742.0	-7028.0	741	6.9	104033.0	-7012.5	831	9.5	111540.0	-7011.0
652	7.7	95043.0	-7052.0	742	9.5	104040.0	-7012.0	832	10.1	111541.0	-7012.0
653	9.0	95248.0	-7021.0	743	6.9	104044.0	-7012.0	833	7.9	111626.0	-7007.0
654	10.0	95257.0	-7018.0	744	9.5	104101.0	-7040.0	834	9.9	111630.0	-7023.0
655	8.5	95329.0	-7031.0	745	9.5	104141.0	-7023.0	835	9.5	111635.0	-7022.0
656	6.8	95358.0	-7047.5	746	9.5	104348.0	-7019.0	836	9.6	111716.0	-7010.5
657	9.7	95434.0	-7055.0	747	10.0	104355.0	-7050.5	837	10.0	111756.0	-7042.5
658	10.0	95540.0	-7014.5	748	9.5	104422.0	-7000.5	838	10.0	111850.0	-7007.0
659	9.6	95635.0	-7032.5	749	9.2	104429.0	-7026.5	839	10.0	111906.0	-7028.0
660	7.2	95848.0	-7007.5	750	10.0	104505.0	-7048.0	840	10.0	111911.0	-7021.0
661	10.1	95908.0	-7053.0	751	7.8	104554.0	-7059.5	841	9.8	112108.0	-7003.0
662	10.0	95943.0	-7028.0	752	9.3	104617.0	-7031.0	842	9.8	112135.0	-7045.5
663	9.9	100026.0	-7033.0	753	10.0	104714.0	-7031.5	843	9.5	112224.0	-7058.0
664	9.2	100148.0	-7020.5	754	9.7	104919.0	-7045.0	844	7.8	112312.0	-7025.5
665	9.5	100202.0	-7040.0	755	8.5	104922.0	-7053.0	845	10.0	112318.0	-7020.0
666	9.7	100402.0	-7008.0	756	6.5	104938.0	-7003.0	846	10.0	112500.0	-7013.0
667	6.5	100432.0	-7052.0	757	9.2	105019.0	-7004.5	847	10.0	112520.0	-7043.5
668	8.3	100519.0	-7040.5	758	10.0	105140.0	-7010.0	848	10.0	112522.0	-7023.0
669	10.0	100533.0	-7008.0	759	9.5	105141.0	-7047.0	849	10.0	112612.0	-7057.0
670	9.4	100707.0	-7020.0	760	8.4	105258.0	-7041.3	350	9.3	112627.0	-7015.0
671	9.6	100730.0	-7027.5	761	8.4	105259.0	-7041.5	851	10.0	112703.0	-7041.0
672	10.1	100745.0	-7050.5	762	9.1	105313.0	-7006.0	852	9.2	112736.0	-7013.5
673	10.0	100827.0	-7024.5	763	8.2	105335.0	-7026.5	853	9.0	112819.0	-7043.0
674	10.0	100829.0	-7003.0	764	10.0	105354.0	-7033.0	854	10.0	112938.0	-7042.5
675	9.9	100848.0	-7024.0	765	10.0	105432.0	-7007.0	855	9.7	112950.0	-7002.0
676	9.8	100950.0	-7020.0	766	10.0	105505.0	-7058.0	856	10.0	113036.0	-7034.0
677	10.1	101014.0	-7005.0	767	10.0	105600.0	-7055.5	857	10.0	113040.0	-7057.5
678	9.7	101022.0	-7040.0	768	9.9	105601.0	-7027.5	858	8.2	113054.0	-7018.5
679	8.5	101039.0	-7026.0	769	9.6	105620.0	-7041.0	859	9.6	113100.0	-7026.5
680	9.2	101058.0	-7007.0	770	8.7	105633.0	-7047.0	860	10.1	113130.0	-7005.0
681	9.4	101100.0	-7010.5	771	9.8	105638.0	-7005.0	861	9.5	113249.0	-7047.5
682	9.1	101103.0	-7057.5	772	10.0	105648.0	-7004.0	862	8.2	113317.0	-7011.5
683	9.5	101157.0	-7050.0	773	10.0	105702.0	-7016.0	863	9.2	113342.0	-7052.0
684	9.7	101158.0	-7048.0	774	10.0	105730.0	-7053.5	864	9.7	113350.0	-7010.0
685	10.0	101402.0	-7046.0	775	8.2	105742.0	-7050.5	865	9.2	113457.0	-7052.5
686	10.1	101407.0	-7045.0	776	9.5	105748.0	-7049.5	866	8.6	113517.0	-7058.0
687	9.2	101420.0	-7035.0	777	9.5	105750.0	-7013.0	867	8.3	113530.0	-7028.5
688	9.4	101421.0	-7032.0	778	8.8	105819.0	-7049.5	868	9.2	113538.0	-7039.0
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692	9.2	101620.0	-7026.0	782	9.5	105848.0	-7019.5	872	10.0	113653.0	-7054.0
693	9.7	101630.0	-7016.0	783	7.7	105910.0	-7057.0	873	9.7	113740.0	-7049.0
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696	8.2	101740.0	-7031.0	786	10.0	105935.0	-7042.0	876	10.1	113847.0	-7059.5
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701	10.0	102045.0	-7005.0	791	8.4	110119.0	-7024.5	881	8.4	114039.0	-7013.0
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706	9.8	102254.0	-7006.0	796	9.4	110237.0	-7053.5	886	9.5	114454.0	-7024.0
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712	10.0	102500.0	-7030.5	802	10.0	110427.0	-7038.5	892	9.3	114714.0	-7008.0
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714	9.5	102555.0	-7011.0	804	10.0	110438.0	-7053.5	894	9.5	114811.0	-7045.0
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717	7.1	102650.0	-7014.5	807	9.9	110540.0	-7010.0	897	9.1	115020.0	-7057.5
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722	9.6	102900.0	-7045.5	812	9.5	110647.0	-7047.0	902	10.0	115324.0	-7006.5
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1100 10.0 135224.0 -7053.0	1190 9.5 143905.0 -7001.5	1280 10.0 151126.0 -7031.5	1370 10.0 155356.0 -7027.0

-70 1371 15h54m

-70 1730 19h41m

1371	9.6	155402.0	-7025.0	1461	10.1	163425.0	-7027.5	1551	9.7	173217.0	-7018.0
1372	9.7	155452.0	-7005.0	1462	9.8	163437.0	-7030.5	1552	9.5	173223.0	-7017.5
1373	9.4	155453.0	-7028.0	1463	10.1	163523.0	-7026.5	1553	10.0	173522.0	-7058.5
1374	10.0	155520.0	-7039.0	1464	9.5	163627.0	-7056.5	1554	10.0	173416.0	-7035.5
1375	7.8	155554.0	-7045.0	1465	8.3	163655.0	-7023.5	1555	9.5	173418.0	-7044.0
1376	10.0	155605.0	-7048.5	1466	10.0	163837.0	-7056.0	1556	8.4	173603.0	-7039.0
1377	9.5	155629.0	-7057.5	1467	9.5	163841.0	-7053.0	1557	9.8	173707.0	-7030.0
1378	10.1	155740.0	-7029.0	1468	9.8	163919.0	-7007.0	1558	9.8	173803.0	-7012.0
1379	10.0	155753.0	-7023.0	1469	8.2	163928.0	-7015.5	1559	9.3	173829.0	-7026.0
1380	9.5	155809.0	-7048.0	1470	9.5	163930.0	-7059.0	1560	8.2	173838.0	-7057.5
1381	9.5	155827.0	-7001.0	1471	10.0	163931.0	-7055.5	1561	10.0	173849.0	-7051.0
1382	9.1	155826.0	-7015.0	1472	7.9	163940.0	-7023.0	1562	8.3	174049.0	-7026.0
1383	10.0	155831.0	-7048.5	1473	9.5	164129.0	-7019.5	1563	8.5	174136.0	-7030.0
1384	9.2	155909.0	-7056.0	1474	10.0	164246.0	-7009.5	1564	9.9	174207.0	-7019.5
1385	9.5	160053.0	-7023.5	1475	6.6	164255.0	-7054.0	1565	8.7	174306.0	-7008.0
1386	10.0	160110.0	-7010.5	1476	9.8	164340.0	-7054.0	1566	9.5	174307.0	-7047.5
1387	9.9	160128.0	-7047.0	1477	10.0	164616.0	-7040.5	1567	10.0	174325.0	-7001.5
1388	9.3	160244.0	-7013.5	1478	9.9	164620.0	-7037.5	1568	9.7	174349.0	-7022.0
1389	9.9	160245.0	-7047.0	1479	9.7	164644.0	-7012.0	1569	9.8	174501.0	-7024.0
1390	8.4	160325.0	-7010.0	1480	10.0	164752.0	-7038.0	1570	9.0	174525.0	-7010.5
1391	9.2	160337.0	-7026.5	1481	9.8	164935.0	-7003.0	1571	10.0	174554.0	-7009.5
1392	7.1	160343.0	-7040.0	1482	8.5	164948.0	-7006.5	1572	10.0	174554.0	-7029.0
1393	9.2	160347.0	-7020.0	1483	8.7	165030.0	-7014.0	1573	9.5	174559.0	-7044.5
1394	9.8	160407.0	-7004.5	1484	10.0	165040.0	-7029.0	1574	8.4	174615.0	-7018.0
1395	10.1	160413.0	-7005.0	1485	9.9	165043.0	-7050.0	1575	8.5	174619.0	-7034.5
1396	9.2	160425.0	-7027.0	1486	9.0	165153.0	-7013.0	1576	10.0	174735.0	-7009.0
1397	9.0	160440.0	-7024.0	1487	9.3	165304.0	-7029.0	1577	9.5	174743.0	-7002.0
1398	9.8	160530.0	-7012.5	1488	9.2	165322.0	-7042.0	1578	9.5	174747.0	-7030.5
1399	10.0	160533.0	-7020.0	1489	9.0	165333.0	-7033.5	1579	9.0	174759.0	-7040.0
1400	9.5	160614.0	-7051.0	1490	10.0	165339.0	-7042.0	1580	8.9	174816.0	-7024.0
1401	9.7	160628.0	-7012.5	1491	9.2	165346.0	-7049.5	1581	9.0	174846.0	-7028.0
1402	9.8	160742.0	-7058.5	1492	10.0	165359.0	-7057.5	1582	9.2	174926.0	-7034.5
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1405	9.7	160942.0	-7032.0	1495	9.8	165609.0	-7037.0	1585	10.0	175058.0	-7011.0
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1407	9.5	161131.0	-7040.0	1497	9.5	165743.0	-7004.0	1587	10.0	175123.0	-7046.0
1408	9.8	161133.0	-7007.0	1498	6.6	165812.0	-7033.0	1588	8.5	175127.0	-7013.5
1409	10.0	161140.0	-7045.5	1499	10.1	165914.0	-7013.0	1589	9.5	175143.0	-7019.0
1410	9.8	161218.0	-7000.5	1500	9.7	165915.0	-7031.0	1590	10.2	175356.0	-7021.0
1411	9.7	161235.0	-7035.0	1501	8.2	165926.0	-7026.0	1591	10.0	175424.0	-7009.0
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1414	10.0	161404.0	-7040.5	1504	9.8	170041.0	-7033.5	1594	9.2	175549.0	-7041.0
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1417	7.1	161528.0	-7050.5	1507	9.3	170410.0	-7014.0	1597	9.8	175711.0	-7005.0
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1445	10.0	162605.0	-7059.0	1535	9.8	172216.0	-7043.5	1625	9.6	181814.0	-7039.0
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1447	10.0	162746.0	-7047.0	1537	8.7	172353.0	-7024.5	1627	10.0	181924.0	-7059.0
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1450	10.0	162924.0	-7054.0	1540	9.2	172523.0	-7040.0	1630	9.0	182135.0	-7001.5
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1452	10.0	163038.0	-7015.0	1542	8.6	172636.0	-7014.0	1632	8.7	182426.0	-7058.5
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1455	9.9	163123.0	-7018.0	1545	10.0	172814.0	-7059.0	1635	8.8	182545.0	-7059.5
1456	10.0	163125.0	-7032.5	1546	9.5	172842.0	-7048.0	1636	9.5	182718.0	-7028.0
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1458	9.5	163230.0	-7027.0	1548	8.5	173000.0	-7010.0	1638	9.8	182823.0	-7004.0
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1644	10.0	183148.0	-7057.0
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1646	8.1	183222.0	-7006.5
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1648	9.8	183518.0	-7012.0
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-71 131 2h49m

-71 490 8h40m

131	10.0	24901.0	-7129.5	221	10.2	43140.0	-7158.5	311	10.0	55655.0	-7140.0
132	9.7	24927.0	-7157.0	222	10.2	43159.0	-7157.0	312	9.9	55802.0	-7155.0
133	10.0	25025.0	-7128.0	223	9.7	43329.0	-7133.5	313	9.8	55811.0	-7130.0
134	10.2	25032.0	-7100.5	224	9.5	43333.0	-7130.0	314	9.8	55909.0	-7127.0
135	10.0	25125.0	-7105.0	225	8.9	43403.0	-7109.0	315	10.2	55940.0	-7107.0
136	9.9	25214.0	-7153.0	226	10.0	43708.0	-7104.0	316	8.9	60012.0	-7120.0
137	10.1	25250.0	-7152.7	227	8.5	43802.0	-7156.5	317	9.9	60017.0	-7100.5
138	9.9	25407.0	-7152.0	228	9.9	43813.0	-7102.0	318	9.5	60023.0	-7122.5
139	9.0	25440.0	-7103.5	229	10.0	43913.0	-7119.5	319	9.1	60103.0	-7112.0
140	10.0	25620.0	-7102.0	230	8.0	44130.0	-7144.0	320	9.5	60225.0	-7133.0
141	9.9	25656.0	-7145.5	231	9.5	44146.0	-7105.5	321	10.0	60301.0	-7156.0
142	9.7	25730.0	-7115.0	232	10.1	44220.0	-7124.0	322	9.2	60355.0	-7102.0
143	10.2	30050.0	-7114.0	233	10.1	44350.0	-7150.0	323	9.9	60400.0	-7157.5
144	8.8	30106.0	-7142.0	234	8.3	44358.0	-7143.5	324	10.2	60420.0	-7139.5
145	8.6	30120.0	-7101.0	235	5.6	44422.0	-7109.5	325	9.2	61015.0	-7105.5
146	9.8	30220.0	-7157.5	236	10.0	44635.0	-7113.0	326	9.9	61057.0	-7129.0
147	10.2	30230.0	-7115.0	237	8.2	44800.0	-7120.0	327	9.5	61126.0	-7142.5
148	10.2	30252.0	-7127.5	238	10.0	44942.0	-7117.0	328	9.8	61400.0	-7147.0
149	9.9	30257.0	-7144.5	239	9.9	45000.0	-7114.0	329	10.2	61425.0	-7100.0
150	9.5	30630.0	-7122.0	240	10.1	45002.0	-7107.0	330	10.2	61640.0	-7152.0
151	9.9	30817.0	-7119.0	241	10.0	45236.0	-7144.0	331	7.6	61654.0	-7136.5
152	10.0	30829.0	-7118.5	242	8.8	45423.0	-7146.5	332	6.7	61706.0	-7139.5
153	9.5	30845.0	-7110.5	243	10.1	45625.0	-7159.0	333	9.8	62037.0	-7159.0
154	10.1	30846.0	-7147.0	244	9.9	45637.0	-7157.0	334	10.0	62140.0	-7119.0
155	9.7	31108.0	-7115.0	245	9.7	45714.0	-7130.0	335	10.2	62155.0	-7131.5
156	9.5	31143.0	-7113.5	246	7.3	45817.0	-7107.0	336	9.5	62215.0	-7138.5
157	10.2	31420.0	-7155.0	247	10.2	45830.0	-7148.5	337	10.1	62258.0	-7125.0
158	10.0	31441.0	-7157.0	248	10.2	45923.0	-7153.0	338	10.0	62336.0	-7142.0
159	9.8	31507.0	-7144.5	249	9.4	50100.0	-7102.5	339	9.7	62705.0	-7127.0
160	9.2	31638.0	-7146.5	250	10.1	50259.0	-7136.0	340	10.0	62711.0	-7128.0
161	10.1	31815.0	-7135.0	251	5.7	50421.0	-7129.0	341	10.2	62750.0	-7120.5
162	9.5	31847.0	-7156.0	252	9.9	50506.0	-7135.0	342	9.4	62750.0	-7158.0
163	8.0	31937.0	-7153.5	253	9.5	50708.0	-7129.5	343	8.7	62945.0	-7156.5
164	8.6	32132.0	-7157.5	254	10.1	50724.0	-7136.5	344	10.0	62952.0	-7145.5
165	10.1	32150.0	-7127.0	255	10.0	50728.0	-7114.0	345	8.9	63112.0	-7125.0
166	10.0	32250.0	-7114.0	256	7.5	50845.0	-7125.5	346	10.0	63158.0	-7126.0
167	10.0	32754.0	-7116.0	257	10.0	50854.0	-7121.0	347	9.5	63220.0	-7110.0
168	9.9	32824.0	-7110.0	258	10.2	50900.0	-7117.5	348	10.2	63258.0	-7159.0
169	9.8	32833.0	-7153.0	259	10.2	50906.0	-7149.0	349	10.2	63344.0	-7145.0
170	10.1	32930.0	-7109.5	260	10.0	51124.0	-7133.0	350	10.2	63418.0	-7152.0
171	9.8	33045.0	-7109.0	261	10.0	51243.0	-7118.5	351	10.2	63420.0	-7106.0
172	9.3	33856.0	-7116.0	262	9.7	51421.0	-7115.0	352	8.6	63507.0	-7132.5
173	10.0	33910.0	-7106.0	263	8.5	51434.0	-7112.0	353	10.0	63655.0	-7103.0
174	9.2	34000.0	-7130.0	264	10.2	51457.0	-7122.0	354	9.5	63703.0	-7152.0
175	10.1	34135.0	-7120.0	265	8.3	51608.0	-7138.5	355	10.0	64041.0	-7114.0
176	10.1	34138.0	-7154.0	266	10.1	51651.0	-7150.5	356	8.0	64239.0	-7100.0
177	9.3	34420.0	-7123.5	267	10.2	51840.0	-7104.5	357	6.9	64250.0	-7138.5
178	10.0	34422.0	-7108.5	268	10.0	51845.0	-7144.0	358	7.7	64320.0	-7105.5
179	10.0	34422.0	-7132.5	269	7.5	51918.0	-7139.5	359	9.9	64400.0	-7154.0
180	9.1	34521.0	-7129.0	270	9.4	52134.0	-7153.0	360	8.3	64405.0	-7146.0
181	9.4	34800.0	-7118.0	271	9.5	52145.0	-7136.0	361	10.2	64439.0	-7142.0
182	9.2	34820.0	-7111.0	272	8.6	52149.0	-7105.0	362	10.2	64447.0	-7146.5
183	9.8	34823.0	-7158.5	273	10.0	52209.0	-7118.5	363	10.1	64501.0	-7120.5
184	10.2	34857.0	-7106.0	274	8.5	52221.0	-7139.0	364	9.2	64546.0	-7150.5
185	9.7	35130.0	-7140.0	275	7.7	52418.0	-7137.0	365	9.5	64717.0	-7115.0
186	10.2	35500.0	-7112.0	276	10.1	52717.0	-7124.0	366	9.7	64728.0	-7149.0
187	10.0	35514.0	-7119.0	277	9.8	52733.0	-7104.0	367	10.2	64738.0	-7129.0
188	9.5	35632.0	-7153.5	278	10.2	52829.0	-7131.0	368	9.5	64914.0	-7158.0
189	9.7	35953.0	-7157.0	279	10.0	52839.0	-7122.5	369	10.1	65044.0	-7134.0
190	10.1	40020.0	-7131.0	280	8.7	52914.0	-7118.5	370	10.2	65240.0	-7157.5
191	9.8	40042.0	-7117.5	281	9.2	52949.0	-7111.5	371	8.9	65529.0	-7126.0
192	6.7	40129.0	-7131.0	282	8.6	53000.0	-7100.0	372	10.2	65726.0	-7102.0
193	9.3	40318.0	-7130.0	283	8.8	53221.0	-7100.5	373	10.2	65735.0	-7116.0
194	9.6	40322.0	-7129.0	284	10.0	53230.0	-7130.5	374	8.0	65856.0	-7152.0
195	9.9	40349.0	-7105.5	285	10.0	53236.0	-7118.0	375	10.0	65913.0	-7128.5
196	8.9	40457.0	-7144.0	286	9.3	53618.0	-7101.0	376	9.2	70025.0	-7154.0
197	10.1	40458.0	-7113.0	287	8.5	53652.0	-7149.0	377	9.5	70045.0	-7104.5
198	10.0	40520.0	-7154.0	288	8.0	53658.0	-7112.5	378	9.7	70053.0	-7130.0
199	10.0	40545.0	-7156.0	289	8.5	53720.0	-7145.0	379	9.5	70153.0	-7106.0
200	10.1	40649.0	-7136.5	290	9.0	54015.0	-7143.0	380	10.0	70215.0	-7101.0
201	10.1	40657.0	-7130.0	291	9.3	54016.0	-7121.0	381	8.5	70219.0	-7113.0
202	10.0	40925.0	-7134.5	292	9.2	54053.0	-7142.0	382	10.0	70507.0	-7129.0
203	8.6	40940.0	-7158.0	293	10.1	54223.0	-7116.0	383	9.0	70527.0	-7148.0
204	9.5	41123.0	-7140.0	294	9.9	54227.0	-7108.5	384	10.2	70609.0	-7127.0
205	9.1	41214.0	-7153.5	295	20.0	54325.0	-7121.0	385	8.0	70703.0	-7105.0
206	9.8	41220.0	-7127.0	296	10.1	54433.0	-7144.0	386	10.2	70928.0	-7105.5
207	10.0	41424.0	-7152.5	297	10.0	54503.0	-7124.0	387	10.0	71218.0	-7134.0
208	9.4	41448.0	-7137.5	298	9.3	54534.0	-7107.0	388	10.2	71236.0	-7106.0
209	9.1	41520.0	-7104.0	299	9.9	54843.0	-7103.0	389	10.0	71239.0	-7152.0
210	9.2	41604.0	-7126.0	300	9.3	54846.0	-7138.5	390	9.5	71420.0	-7146.5
211	10.1	41619.0	-7109.0	301	9.9	54900.0	-7134.0	391	9.8	71607.0	-7130.5
212	9.5	41712.0	-7125.5	302	9.2	54912.0	-7101.5	392	10.0	71640.0	-7149.5
213	10.0	41900.0	-7158.0	303	9.5	54949.0	-7100.0	393	7.3	71830.0	-7131.0
214	10.0	42158.0	-7112.5	304	10.1	55158.0	-7132.0	394	9.1	71854.0	-7106.0
215	10.0	42234.0	-7134.0	305	9.2	55210.0	-7123.0	395	9.0	72027.0	-7157.0
216	10.2	42237.0	-7157.0	306	9.3	55240.0	-7153.5	396	10.2	72118.0	-7108.0
217	9.5	42650.0	-7134.0	307	9.7	55300.0	-7159.5	397	8.0	72218.0	-7117.5
218	9.2	42740.0	-7102.0	308	9.9	55355.0	-7157.5	398	10.0	72305.0	-7119.5
219	10.0	42819.0	-7128.5	309	9.8	55435.0	-7132.0	399	10.0	72308.0	-7121.5
220	10.0	43009.0	-7102.5	310	10.2	55507.0	-7114.5	400	9.0	72421.0	-7142.5
401	10.0	72544.0	-7127.5								
402	6.5	72554.0	-7113.0								
403	10.2	72723.0	-7108.0								
404	8.5	72750.0	-7159.0								
405	10.2	72829.0	-7133.5								
406	9.8	72909.0	-7104.5								
407	8.9	73027.0	-7144.0								
408	9.0	73311.0	-7143.5								
409	10.0	73338.0	-7109.5								
410	9.4	73352.0	-7100.5								
411	10.0	73401.0	-7107.5								
412	10.0	73450.0	-7108.0								
413	10.0	73455.0	-7110.0								
414	9.4	73512.0	-7120.0								
415	10.0	73605.0	-7151.5								
416	9.9	73723.0	-7132.0								
417	10.0	73738.0	-7125.0								
418	10.0	73918.0	-7135.5								
419	10.2	73920.0	-7121.0								
420	10.1	74003.0	-7122.5								
421	10.0	74125.0	-7134.0								
422	7.5	74200.0	-7128.0								
423	10.2	74216.0	-7101.0								
424	7.8	74356.0	-7114.5								
425	9.5	74440.0	-7118.5								
426	10.0	74513.0	-7106.0								
427	8.3	74723.0	-7125.0								
428	10.0	75047.0	-7139.0								
429	8.8	75230.0	-7141.0								
430	8.9	75408.0	-7117.5								
431	10.0	75456.0	-7100.5								
432	10.2	75613.0	-7123.5								
433	10.0	75624.0	-7131.5								
434	8.3	75710.0	-7139.0								
435	10.0	75713.0	-7112.0								
436	10.2	75738.0	-7106.0								
437	10.2	75758.0	-7143.0								
438	8.5	75820.0	-7139.5								
439	8.8	75908.0	-7110.5								
440	8.4	80003.0	-7105.0								
441	9.2	80212.0	-7150.0								
442	9.5	80243.0	-7142.0								
443	10.0	80254.0	-7143.5								
444	9.5	80311.0	-7120.5								
445	10.0	80425.0	-7137.0								
446	10.0	80600.0	-7139.5								
447	9.2	80705.0	-7127.0								
448	9.0	80817.0	-7147.0								
449	8.5	80823.0	-7121.0								
450	8.5	80847.0	-7146.5								
451	7.2	80938.0	-7121.0								
452	9.8	80943.0	-7158.0								
453	10.2	81126.0	-7143.5								
454	10.0	81138.0	-7158.0								
455	10.2	81415.0	-7110.5								
456	9.5	81557.0	-7127.0								
457	10.0	81757.0	-7119.0								
458	8.8	81815.0	-7154.0								
459	9.7	81912.0	-7103.5								
460	8.5	81913.0	-7135.0								
461	10.0	81948.0	-7145.0								
462	5.2	82012.0	-7107.0								
463	5.7	82021.0	-7106.5								
464	8.0	82024.0	-7106.0								
465	8.1	82138.0	-7133.5								
466	8.8	82234.0	-7148.0								
467	9.5	82353.0	-7136.0								
468	10.0	82410.0	-7133.5								
469	9.0	82515.0	-7118.5								
470	10.2	82600.0	-7151.0								
471	7.5	82712.0	-7107.5								
472	7.2	82915.0	-7139.5								
473	10.2	82937.0	-7115.5								
474	10.2	83048.0	-7144.0								
475	8.5	83057.0	-7118.0								
476	10.2	83106.0	-7155.0								
477	9.5	83118.0	-7120.0								
478	9.5	83208.0	-7110.0								
479	10.0	83218.0	-7105.5								
480	9.5	83251.0	-7107.5								
481	8.2	83254.0	-7122.0								
482	10.2	83438.0	-7119.5								
483	10.1	83453.0	-7131.0								
484	8.4	83623.0	-7113.5								
485	10.0	83720.0	-7153.0								
486	10.2	83803.0	-7144.0								
487	8.5	83858.0	-7154.0								
488	8.5	83920.0	-7141.0								
489	8.8	84014.0	-7150.5								
490	10.0	84015.0	-7140.5								

-71 491 8h40m

-71 850 12h25m

491	8.1	84015.0	-7125.5	581	10.2	94333.0	-7142.0	671	10.0	103515.0	-7152.5
492	9.6	84037.0	-7116.5	582	10.2	94334.0	-7145.5	672	10.0	103540.0	-7110.0
493	10.2	84104.0	-7124.5	583	8.0	94412.0	-7112.5	673	10.0	103541.0	-7154.0
494	9.9	84126.0	-7154.0	584	9.5	94418.0	-7138.0	674	9.1	103816.0	-7138.5
495	10.0	84340.0	-7112.0	585	9.7	94430.0	-7150.0	675	10.0	103818.0	-7120.0
496	8.4	84340.0	-7122.0	586	9.7	94439.0	-7153.0	676	9.5	103903.0	-7150.0
497	9.9	84347.0	-7100.5	587	8.5	94504.0	-7126.5	677	9.0	103918.0	-7110.5
498	9.5	84354.0	-7125.5	588	10.0	94605.0	-7109.5	678	8.8	103920.0	-7105.5
499	9.3	84356.0	-7118.0	589	9.7	94755.0	-7141.0	679	10.2	103925.0	-7104.5
500	10.0	84508.0	-7141.0	590	8.3	94912.0	-7133.5	680	8.2	103936.0	-7132.0
501	10.0	84527.0	-7119.5	591	9.8	94926.0	-7116.5	681	9.3	104036.0	-7116.0
502	9.0	84549.0	-7129.0	592	9.9	94938.0	-7148.0	682	7.8	104038.0	-7124.5
503	8.9	84743.0	-7123.0	593	7.2	95030.0	-7121.5	683	6.9	104100.0	-7147.5
504	10.0	84859.0	-7119.0	594	10.0	95111.0	-7110.0	684	8.5	104243.0	-7130.0
505	9.8	84915.0	-7110.0	595	9.6	95128.0	-7103.0	685	10.0	104256.0	-7144.5
506	10.0	84925.0	-7124.0	596	8.5	95311.0	-7158.0	686	9.8	104316.0	-7142.5
507	9.5	85047.0	-7104.5	597	10.1	95343.0	-7151.0	687	9.9	104340.0	-7148.5
508	10.2	85213.0	-7132.0	598	10.1	95358.0	-7108.0	688	9.7	104423.0	-7146.5
509	9.6	85243.0	-7135.0	599	9.5	95412.0	-7109.5	689	9.7	104428.0	-7145.5
510	10.1	85251.0	-7114.0	600	9.7	95416.0	-7152.5	690	9.5	104432.0	-7103.0
511	9.2	85251.0	-7129.5	601	9.7	95418.0	-7114.5	691	10.0	104440.0	-7132.0
512	9.2	85323.0	-7102.5	602	9.9	95524.0	-7138.5	692	8.4	104604.0	-7109.5
513	9.9	85337.0	-7109.5	603	7.5	95608.0	-7128.0	693	9.6	104615.0	-7119.0
514	10.2	85353.0	-7120.0	604	8.4	95626.0	-7105.5	694	10.0	104640.0	-7113.0
515	10.2	85354.0	-7149.0	605	10.1	95638.0	-7152.0	695	9.7	104900.0	-7127.0
516	8.5	85444.0	-7148.0	606	9.8	95810.0	-7117.5	696	10.0	104903.0	-7132.0
517	9.8	85503.0	-7129.0	607	8.2	95810.0	-7157.5	697	9.5	104913.0	-7137.0
518	8.9	85620.0	-7145.5	608	8.2	95905.0	-7143.0	698	9.8	104923.0	-7154.0
519	8.4	85644.0	-7155.0	609	9.7	95908.0	-7127.0	699	9.0	104938.0	-7142.0
520	10.0	85652.0	-7105.5	610	9.9	100023.0	-7159.5	700	10.2	104945.0	-7146.0
521	9.9	85905.0	-7143.5	611	9.7	100103.0	-7155.5	701	7.9	105004.0	-7129.5
522	8.9	90001.0	-7139.5	612	8.2	100251.0	-7128.0	702	10.1	105027.0	-7115.0
523	8.2	90032.0	-7157.0	613	9.5	100254.0	-7116.0	703	9.5	105048.0	-7103.0
524	8.8	90136.0	-7136.5	614	9.5	100323.0	-7153.5	704	10.0	105052.0	-7158.5
525	9.9	90225.0	-7106.0	615	8.5	100407.0	-7109.5	705	10.0	105145.0	-7142.5
526	9.4	90328.0	-7153.5	616	9.2	100412.0	-7131.0	706	10.1	105229.0	-7126.0
527	10.0	90458.0	-7154.0	617	10.1	100510.0	-7107.5	707	9.5	105305.0	-7156.0
528	10.0	90459.0	-7108.0	618	9.2	100523.0	-7137.0	708	9.5	105340.0	-7156.0
529	9.5	90517.0	-7115.0	619	10.0	100544.0	-7148.0	709	10.0	105403.0	-7139.0
530	10.1	90555.0	-7114.0	620	9.5	100715.0	-7123.5	710	10.1	105421.0	-7148.0
531	10.2	90735.0	-7140.0	621	9.8	100750.0	-7118.5	711	9.7	105519.0	-7140.0
532	8.5	90929.0	-7128.0	622	9.3	100842.0	-7150.0	712	9.7	105555.0	-7132.0
533	8.7	90943.0	-7140.5	623	9.5	101035.0	-7147.0	713	9.5	105603.0	-7116.5
534	10.0	90950.0	-7127.5	624	9.8	101042.0	-7121.0	714	9.8	105746.0	-7153.0
535	9.8	91001.0	-7159.5	625	7.8	101050.0	-7103.0	715	7.8	105750.0	-7104.5
536	9.1	91116.0	-7138.5	626	9.4	101120.0	-7151.0	716	10.0	105801.0	-7139.0
537	9.9	91148.0	-7137.5	627	10.0	101152.0	-7100.5	717	7.3	105843.0	-7134.0
538	7.7	91248.0	-7106.0	628	10.0	101157.0	-7130.0	718	9.5	105853.0	-7125.0
539	10.2	91258.0	-7122.0	629	10.0	101308.0	-7126.5	719	10.0	105905.0	-7149.0
540	8.5	91446.0	-7140.0	630	10.0	101354.0	-7153.0	720	9.9	105925.0	-7106.5
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542	10.0	91533.0	-7124.0	632	9.6	101405.0	-7118.0	722	8.2	110139.0	-7159.5
543	9.7	91649.0	-7110.5	633	9.9	101505.0	-7126.0	723	9.2	110338.0	-7158.0
544	10.0	91700.0	-7104.5	634	9.9	101508.0	-7125.5	724	10.1	110451.0	-7142.5
545	10.2	91714.0	-7130.0	635	9.5	101630.0	-7114.0	725	9.0	110508.0	-7137.0
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548	10.0	92045.0	-7138.0	638	10.0	101745.0	-7126.0	728	9.9	110625.0	-7133.0
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553	9.5	92520.0	-7135.0	643	8.8	102051.0	-7105.0	733	9.8	110804.0	-7125.0
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560	8.9	92826.0	-7153.5	650	8.2	102640.0	-7159.0	740	8.9	111203.0	-7129.0
561	9.2	92844.0	-7144.0	651	5.0	102713.0	-7121.0	741	9.3	111242.0	-7138.0
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567	10.0	93058.0	-7147.5	657	10.0	102922.0	-7129.0	747	9.8	111442.0	-7113.0
568	8.4	93150.0	-7135.0	658	8.5	102929.0	-7147.0	748	6.9	111514.0	-7119.0
569	10.1	93227.0	-7151.0	659	9.4	102930.0	-7148.0	749	10.0	111544.0	-7120.5
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762	6.5	112309.0	-7147.5
763	10.0	112446.0	-7107.5
764	9.4	112458.0	-7138.5
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766	10.0	112626.0	-7154.0
767	8.4	112628.0	-7114.5
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771	9.2	112737.0	-7122.0
772	9.8	112741.0	-7126.0
773	10.0	112805.0	-7159.5
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775	10.0	113149.0	-7154.0
776	7.2	113309.0	-7140.5
777	10.0	113321.0	-7127.0
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792	10.1	114118.0	-7132.0
793	8.7	114140.0	-7104.5
794	9.7	114246.0	-7155.0
795	9.0	114310.0	-7136.5
796	10.0	114500.0	-7109.0
797	9.5	114612.0	-7153.0
798	9.3	114630.0	-7148.0
799	9.5	114633.0	-7155.0
800	9.2	114636.0	-7134.0
801	9.0	114641.0	-7123.0
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803	10.0	114824.0	-7154.0
804	8.6	114917.0	-7108.0
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809	9.8	115420.0	-7119.0
810	10.0	115544.0	-7110.0
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813	10.0	115710.0	-7147.0
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815	9.2	115825.0	-7150.5
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822	9.9	120131.0	-7107.0
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839	10.0	121234.0	-7117.0
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844	10.0	122109.0	-7130.5
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849	9.5	122343.0	-7103.0
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-71 851 12h25m

-71 1210 15h40m

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901 8.7 125215.0 -7123.0	991 9.2 134743.0 -7105.5	1081 9.5 143911.0 -7125.5	1171 9.9 152159.0 -7131.0
902 10.0 125215.0 -7147.5	992 9.0 134753.0 -7142.0	1082 10.0 144009.0 -7109.5	1172 9.5 152209.0 -7156.5
903 8.5 125220.0 -7145.0	993 9.3 134800.0 -7121.5	1083 10.0 144031.0 -7129.0	1173 9.9 152224.0 -7135.5
904 9.0 125220.0 -7157.0	994 9.5 134810.0 -7113.0	1084 9.8 144043.0 -7157.5	1174 10.0 152244.0 -7105.0
905 9.2 125240.0 -7157.5	995 9.5 135055.0 -7107.5	1085 10.0 144049.0 -7130.5	1175 9.4 152337.0 -7133.0
906 10.0 125303.0 -7145.5	996 10.0 135130.0 -7125.5	1086 9.2 144058.0 -7107.0	1176 10.0 152342.0 -7153.0
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908 8.5 125410.0 -7145.5	998 9.3 135227.0 -7148.0	1088 9.8 144208.0 -7110.0	1178 8.4 152430.0 -7147.0
909 9.8 125455.0 -7104.5	999 9.8 135252.0 -7104.0	1089 10.1 144215.0 -7109.0	1179 7.4 152550.0 -7153.0
910 8.4 125531.0 -7150.5	1000 9.6 135253.0 -7115.5	1090 9.2 144343.0 -7119.0	1180 10.0 152620.0 -7103.5
911 10.0 125656.0 -7142.5	1001 10.2 135312.0 -7156.0	1091 10.0 144446.0 -7130.0	1181 10.0 152705.0 -7117.5
912 9.3 125657.0 -7158.0	1002 8.3 135406.0 -7128.0	1092 8.9 144537.0 -7116.0	1182 9.3 152719.0 -7109.0
913 10.1 125727.0 -7104.0	1003 9.5 135650.0 -7102.0	1093 10.0 144559.0 -7141.5	1183 9.6 152739.0 -7155.0
914 9.8 125727.0 -7129.0	1004 10.0 135708.0 -7138.0	1094 9.8 144614.0 -7114.5	1184 7.8 152754.0 -7120.0
915 10.0 125837.0 -7157.0	1005 10.0 135740.0 -7139.0	1095 9.5 144620.0 -7125.5	1185 8.5 152810.0 -7101.0
916 8.4 130116.0 -7146.5	1006 10.2 135751.0 -7145.5	1096 9.9 144634.0 -7117.0	1186 9.8 152901.0 -7100.5
917 10.0 130154.0 -7151.0	1007 10.2 135757.0 -7142.0	1097 10.0 144649.0 -7150.0	1187 9.4 152940.0 -7141.0
918 8.6 130212.0 -7116.0	1008 9.8 135813.0 -7156.0	1098 10.0 144700.0 -7156.0	1188 10.0 152950.0 -7145.5
919 7.8 130220.0 -7109.0	1009 10.0 135816.0 -7159.0	1099 8.8 144722.0 -7134.0	1189 10.0 153006.0 -7112.0
920 9.5 130335.0 -7150.0	1010 10.1 135905.0 -7149.0	1100 10.0 144723.0 -7119.5	1190 10.0 153020.0 -7157.0
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926 10.0 130610.0 -7132.0	1016 10.0 140136.0 -7111.0	1106 9.2 145026.0 -7122.0	1196 10.0 153330.0 -7132.0
927 9.7 130624.0 -7121.0	1017 10.1 140152.0 -7143.5	1107 10.0 145033.0 -7152.0	1197 8.2 153333.0 -7142.0
928 9.9 130651.0 -7129.0	1018 9.9 140235.0 -7111.0	1108 8.7 145043.0 -7115.0	1198 10.0 153342.0 -7116.0
929 10.0 130703.0 -7124.5	1019 8.6 140235.0 -7132.0	1109 10.0 145148.0 -7124.0	1199 10.0 153405.0 -7155.0
930 10.0 130731.0 -7159.0	1020 9.8 140340.0 -7116.0	1110 10.0 145236.0 -7106.5	1200 9.5 153422.0 -7150.0
931 9.7 130734.0 -7110.0	1021 9.2 140410.0 -7154.5	1111 7.6 145247.0 -7141.5	1201 9.1 153558.0 -7106.5
932 10.0 130750.0 -7146.0	1022 9.5 140423.0 -7156.5	1112 10.0 145336.0 -7143.5	1202 8.8 153615.0 -7117.0
933 10.0 130910.0 -7115.0	1023 10.1 140425.0 -7131.5	1113 7.2 145358.0 -7140.5	1203 9.7 153723.0 -7132.0
934 10.0 130937.0 -7135.0	1024 10.0 140545.0 -7149.0	1114 10.1 145418.0 -7145.0	1204 8.5 153815.0 -7144.0
935 10.1 130952.0 -7157.5	1025 10.2 140547.0 -7119.0	1115 10.0 145419.0 -7121.0	1205 9.8 153830.0 -7149.0
936 6.6 131015.0 -7122.5	1026 9.8 140607.0 -7124.0	1116 9.6 145420.0 -7101.5	1206 10.1 153932.0 -7122.0
937 10.0 131035.0 -7144.5	1027 9.1 140810.0 -7123.0	1117 6.7 145445.0 -7125.0	1207 10.0 153940.0 -7125.5
938 10.2 131036.0 -7145.5	1028 9.7 140821.0 -7122.0	1118 10.0 145552.0 -7128.0	1208 10.0 154020.0 -7133.0
939 10.0 131217.0 -7113.0	1029 8.3 140826.0 -7110.0	1119 6.8 145630.0 -7149.0	1209 7.8 154040.0 -7117.5
940 9.4 131248.0 -7104.5	1030 10.0 140852.0 -7113.5	1120 9.9 145654.0 -7134.0	1210 10.0 154050.0 -7126.0

C-5

-71 1211 15h41m

-71 1570 19h37m

1211	10.1	154141.0	-7153.0	1301	9.4	163224.0	-7104.5	1391	10.0	173416.0	-7131.0
1212	10.0	154240.0	-7144.5	1302	9.9	163458.0	-7121.0	1392	10.2	173430.0	-7131.5
1213	10.0	154241.0	-7138.5	1303	9.5	163649.0	-7158.0	1393	7.6	173436.0	-7102.5
1214	9.0	154259.0	-7135.0	1304	9.9	163748.0	-7122.5	1394	8.4	173531.0	-7115.5
1215	9.8	154419.0	-7111.5	1305	10.2	163801.0	-7117.0	1395	9.7	173601.0	-7102.0
1216	10.0	154458.0	-7150.0	1306	9.5	163818.0	-7117.5	1396	10.0	173710.0	-7104.5
1217	9.5	154723.0	-7138.0	1307	8.5	163833.0	-7137.0	1397	8.7	173716.0	-7138.5
1218	8.7	154733.0	-7133.0	1308	10.0	163837.0	-7121.0	1398	10.1	173740.0	-7126.5
1219	9.5	154806.0	-7102.5	1309	10.2	163905.0	-7102.0	1399	9.5	173750.0	-7108.0
1220	10.0	154821.0	-7132.0	1310	8.9	163912.0	-7104.0	1400	9.9	173830.0	-7124.0
1221	9.5	154917.0	-7125.0	1311	10.0	163917.0	-7119.0	1401	9.5	173953.0	-7109.0
1222	9.2	154953.0	-7123.0	1312	7.9	163918.0	-7153.0	1402	9.8	173957.0	-7123.0
1223	10.0	155000.0	-7124.0	1313	10.2	163940.0	-7105.0	1403	10.0	174023.0	-7142.5
1224	9.4	155000.0	-7139.0	1314	10.0	163945.0	-7114.0	1404	8.7	174040.0	-7157.5
1225	8.7	155011.0	-7140.0	1315	9.4	164030.0	-7142.0	1405	8.2	174056.0	-7152.0
1226	9.1	155012.0	-7148.0	1316	9.8	164146.0	-7117.5	1406	10.1	174113.0	-7150.5
1227	10.0	155059.0	-7116.5	1317	8.7	164153.0	-7105.0	1407	9.7	174122.0	-7100.0
1228	9.2	155101.0	-7133.0	1318	9.5	164314.0	-7114.0	1408	8.5	174150.0	-7133.0
1229	9.6	155239.0	-7113.0	1319	10.0	164324.0	-7159.0	1409	8.6	174220.0	-7148.0
1230	8.5	155302.0	-7132.0	1320	10.0	164420.0	-7139.0	1410	10.0	174238.0	-7128.0
1231	9.3	155321.0	-7100.0	1321	10.2	164443.0	-7138.5	1411	9.8	174245.0	-7121.5
1232	10.0	155401.0	-7152.5	1322	10.2	164520.0	-7156.0	1412	8.0	174250.0	-7103.5
1233	7.0	155414.0	-7136.0	1323	10.0	164531.0	-7106.0	1413	9.5	174254.0	-7112.5
1234	10.1	155425.0	-7101.0	1324	9.0	164553.0	-7144.5	1414	9.5	174256.0	-7112.2
1235	9.7	155723.0	-7112.0	1325	10.0	164718.0	-7125.0	1415	10.1	174331.0	-7157.0
1236	9.0	155830.0	-7102.0	1326	9.2	164726.0	-7153.0	1416	8.8	174400.0	-7143.0
1237	8.3	155905.0	-7114.5	1327	9.8	164854.0	-7152.0	1417	9.6	174451.0	-7130.0
1238	8.5	160003.0	-7159.5	1328	9.8	164927.0	-7138.0	1418	9.8	174459.0	-7140.5
1239	9.4	160045.0	-7118.0	1329	10.1	165103.0	-7147.5	1419	10.0	174548.0	-7106.0
1240	9.9	160109.0	-7150.5	1330	9.9	165146.0	-7120.5	1420	10.0	174613.0	-7132.5
1241	10.0	160140.0	-7109.0	1331	10.2	165338.0	-7140.0	1421	8.5	174712.0	-7119.0
1242	9.6	160235.0	-7102.0	1332	9.8	165341.0	-7126.5	1422	8.7	174742.0	-7127.0
1243	10.0	160237.0	-7155.5	1333	10.0	165415.0	-7112.0	1423	9.8	174748.0	-7100.5
1244	9.5	160300.0	-7124.5	1334	8.3	165512.0	-7130.5	1424	10.0	174752.0	-7130.0
1245	8.0	160304.0	-7135.0	1335	9.9	165520.0	-7126.0	1425	10.0	174826.0	-7126.0
1246	9.7	160321.0	-7106.0	1336	8.5	165643.0	-7133.0	1426	9.2	174918.0	-7101.0
1247	8.4	160354.0	-7121.0	1337	9.5	165727.0	-7157.0	1427	8.9	174937.0	-7103.0
1248	10.0	160434.0	-7157.0	1338	9.5	165828.0	-7157.5	1428	9.3	174946.0	-7144.0
1249	9.9	160526.0	-7127.0	1339	10.0	165840.0	-7135.0	1429	10.0	175000.0	-7124.0
1250	10.0	160534.0	-7119.0	1340	10.0	165903.0	-7101.5	1430	9.9	175030.0	-7115.0
1251	8.5	160607.0	-7108.0	1341	9.9	165940.0	-7150.0	1431	9.2	175140.0	-7108.0
1252	9.9	160618.0	-7140.5	1342	10.0	170057.0	-7141.5	1432	9.8	175252.0	-7142.5
1253	10.1	160621.0	-7142.0	1343	8.7	170111.0	-7106.0	1433	10.0	175255.0	-7140.5
1254	10.1	160631.0	-7154.0	1344	9.5	170136.0	-7137.0	1434	10.1	175300.0	-7112.0
1255	7.2	160739.0	-7133.5	1345	10.0	170157.0	-7110.0	1435	10.0	175355.0	-7135.0
1256	10.1	160855.0	-7158.5	1346	10.2	170316.0	-7115.5	1436	10.1	175402.0	-7150.5
1257	7.6	160903.0	-7136.5	1347	10.1	170408.0	-7134.0	1437	7.5	175508.0	-7139.0
1258	8.8	160928.0	-7102.5	1348	10.0	170418.0	-7119.0	1438	9.8	175512.0	-7125.0
1259	10.1	161014.0	-7149.0	1349	10.0	170448.0	-7154.0	1439	9.0	175532.0	-7107.0
1260	10.1	161018.0	-7159.0	1350	10.0	170526.0	-7153.5	1440	10.0	175702.0	-7134.0
1261	9.2	161052.0	-7130.5	1351	10.2	170708.0	-7111.0	1441	9.8	175715.0	-7144.5
1262	20.0	161126.0	-7153.5	1352	9.5	170808.0	-7111.5	1442	9.0	175727.0	-7103.0
1263	8.2	161218.0	-7142.5	1353	10.2	170938.0	-7129.5	1443	9.5	175727.0	-7124.5
1264	7.4	161247.0	-7128.5	1354	10.0	171120.0	-7106.0	1444	10.0	175745.0	-7112.0
1265	10.0	161347.0	-7100.5	1355	9.4	171138.0	-7157.0	1445	9.2	175822.0	-7135.0
1266	9.7	161349.0	-7120.0	1356	8.3	171155.0	-7130.0	1446	8.5	175841.0	-7158.0
1267	9.4	161456.0	-7135.0	1357	9.9	171209.0	-7117.5	1447	9.4	175944.0	-7102.0
1268	9.7	161515.0	-7149.0	1358	9.9	171214.0	-7122.5	1448	9.5	180014.0	-7104.5
1269	9.9	161542.0	-7156.0	1359	8.2	171218.0	-7148.0	1449	10.0	180048.0	-7119.0
1270	10.2	161628.0	-7147.0	1360	9.2	171256.0	-7110.0	1450	10.0	180049.0	-7123.5
1271	8.6	161836.0	-7140.0	1361	10.0	171258.0	-7159.5	1451	9.5	180248.0	-7125.0
1272	10.1	161842.0	-7153.0	1362	9.5	171336.0	-7132.0	1452	10.0	180253.0	-7126.0
1273	10.0	161853.0	-7139.0	1363	9.6	171345.0	-7104.0	1453	9.2	180316.0	-7102.5
1274	9.9	161923.0	-7142.5	1364	9.5	171439.0	-7137.5	1454	9.9	180338.0	-7135.0
1275	10.2	161934.0	-7152.5	1365	9.5	171533.0	-7100.5	1455	9.4	180420.0	-7123.0
1276	10.2	161954.0	-7116.4	1366	9.6	171555.0	-7101.0	1456	9.6	180503.0	-7121.5
1277	10.0	162003.0	-7112.0	1367	8.8	171706.0	-7106.0	1457	10.0	180526.0	-7122.5
1278	10.0	162031.0	-7112.5	1368	10.2	171755.0	-7141.0	1458	8.4	180546.0	-7157.5
1279	9.8	162041.0	-7102.0	1369	10.2	171835.0	-7150.0	1459	9.7	180803.0	-7157.5
1280	10.0	162116.0	-7123.0	1370	10.0	171855.0	-7150.0	1460	9.5	180846.0	-7135.0
1281	8.8	162116.0	-7157.0	1371	10.2	171950.0	-7150.5	1461	9.3	180913.0	-7106.0
1282	6.8	162136.0	-7157.5	1372	9.4	172018.0	-7140.5	1462	10.1	181016.0	-7110.5
1283	9.3	162149.0	-7109.0	1373	9.8	172112.0	-7119.0	1463	8.2	181138.0	-7151.0
1284	9.8	162211.0	-7111.0	1374	9.5	172115.0	-7138.5	1464	8.5	181204.0	-7126.5
1285	9.7	162225.0	-7112.0	1375	9.8	172125.0	-7109.5	1465	10.0	181210.0	-7108.0
1286	10.1	162302.0	-7151.5	1376	9.9	172136.0	-7117.0	1466	8.9	181240.0	-7157.0
1287	9.7	162314.0	-7112.0	1377	9.3	172303.0	-7115.0	1467	8.8	181259.0	-7111.0
1288	9.8	162341.0	-7117.0	1378	9.4	172408.0	-7156.0	1468	10.1	181301.0	-7101.0
1289	8.2	162345.0	-7157.5	1379	10.1	172502.0	-7153.5	1469	7.5	181350.0	-7151.0
1290	9.7	162353.0	-7102.0	1380	9.8	172546.0	-7112.0	1470	9.2	181417.0	-7116.0
1291	9.4	162359.0	-7113.0	1381	10.0	172626.0	-7145.0	1471	10.0	181423.0	-7129.0
1292	10.0	162810.0	-7118.0	1382	10.2	172830.0	-7141.0	1472	8.5	181503.0	-7134.0
1293	9.5	162916.0	-7135.5	1383	9.5	172902.0	-7124.0	1473	8.8	181526.0	-7108.0
1294	9.5	162921.0	-7109.0	1384	10.0	172923.0	-7153.5	1474	9.8	181536.0	-7157.5
1295	10.1	163002.0	-7104.0	1385	10.1	173037.0	-7101.5	1475	9.2	181550.0	-7151.5
1296	8.9	163015.0	-7141.5	1386	9.0	173128.0	-7136.5	1476	10.1	181721.0	-7133.0
1297	7.8	163108.0	-7136.0	1387	10.2	173210.0	-7150.0	1477	10.1	181741.0	-7125.0
1298	10.0	163120.0	-7140.0	1388	10.0	173235.0	-7158.0	1478	10.1	181751.0	-7153.0
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1482	9.9	181909.0	-7157.0								
1483	9.3	181933.0	-7127.5								
1484	8.0	182026.0	-7124.5								
1485	9.8	182036.0	-7133.0								
1486	10.1	182105.0	-7134.5								
1487	9.4	182109.0	-7121.0								
1488	10.0	182231.0	-7130.5								
1489	9.2	182233.0	-7125.5								
1490	9.2	182348.0	-7123.5								
1491	9.8	182426.0	-7143.5								
1492	10.0	182455.0	-7126.0								
1493	9.2	182513.0	-7143.5								
1494	9.6	182520.0	-7128.5								
1495	9.7	182533.0	-7120.5								
1496	9.2	182553.0	-7117.5								
1497	10.1	182601.0	-7158.0								
1498	9.0	182617.0	-7128.0								
1499	4.2	182824.0	-7132.0								
1500	7.8	182838.0	-7124.0								
1501	9.5	182923.0	-7145.0								
1502	10.1	183037.0	-7136.5								
1503	9.0	183212.0	-7153.5								
1504	10.0	183329.0	-7138.5								
1505	10.0	183614.0	-7158.0								
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-72 110 2h19m

-72 469 8h31m

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115	9.4	22510.0	-7203.0	205	7.8	42849.0	-7254.0	295	9.3	55443.0	-7222.0	385	8.0	71224.0	-7208.0
116	10.0	22544.0	-7231.0	206	9.8	42902.0	-7240.5	296	9.8	55515.0	-7222.5	386	8.2	71324.0	-7232.0
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120	7.6	23215.0	-7259.5	210	8.9	43240.0	-7238.5	300	10.0	55723.0	-7217.0	390	10.0	72159.0	-7258.5
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124	10.2	23740.0	-7213.0	214	8.2	43915.0	-7243.0	304	10.2	60235.0	-7255.0	394	9.5	72510.0	-7220.5
125	10.2	24215.0	-7219.5	215	9.7	43920.0	-7223.0	305	8.3	60400.0	-7208.5	395	9.5	72523.0	-7204.0
126	10.2	24254.0	-7228.5	216	9.4	44009.0	-7236.5	306	10.1	60417.0	-7215.5	396	10.0	72605.0	-7201.0
127	9.5	24504.0	-7222.5	217	10.2	44030.0	-7238.0	307	9.6	60605.0	-7245.0	397	8.5	72612.0	-7203.5
128	10.1	24608.0	-7223.0	218	10.2	44220.0	-7203.5	308	10.1	60650.0	-7218.0	398	9.8	72841.0	-7237.5
129	9.0	24618.0	-7210.0	219	10.0	44513.0	-7214.5	309	10.2	60713.0	-7244.0	399	10.0	72901.0	-7217.0
130	9.5	25038.0	-7243.5	220	9.7	44519.0	-7251.0	310	10.2	60753.0	-7209.0	400	8.2	72915.0	-7250.0
131	10.1	25200.0	-7224.0	221	8.7	44539.0	-7221.5	311	10.2	60825.0	-7237.5	401	9.9	72950.0	-7242.0
132	9.9	25203.0	-7222.5	222	10.0	44705.0	-7233.0	312	9.3	60853.0	-7228.5	402	10.0	73048.0	-7237.5
133	9.8	25208.0	-7243.0	223	8.8	44723.0	-7243.0	313	10.0	61121.0	-7214.0	403	9.4	73107.0	-7238.5
134	9.7	25328.0	-7257.0	224	10.0	44859.0	-7235.0	314	9.6	61130.0	-7245.0	404	10.0	73125.0	-7224.5
135	10.1	25512.0	-7210.5	225	9.5	44920.0	-7240.0	315	9.7	61243.0	-7252.0	405	9.1	73207.0	-7241.0
136	10.1	25530.0	-7249.0	226	9.2	45157.0	-7240.5	316	10.0	61248.0	-7232.0	406	9.8	73302.0	-7236.0
137	8.2	25546.0	-7218.5	227	9.5	45201.0	-7216.5	317	8.0	61325.0	-7258.5	407	10.0	73414.0	-7230.0
138	10.2	25556.0	-7205.0	228	9.2	45252.0	-7237.5	318	8.9	61330.0	-7207.5	408	8.8	73440.0	-7219.0
139	10.0	25950.0	-7235.0	229	9.8	45309.0	-7234.0	319	9.3	61454.0	-7246.0	409	9.3	73458.0	-7247.0
140	5.8	30200.0	-7223.5	230	9.5	45506.0	-7239.0	320	10.0	61503.0	-7226.0	410	9.8	73510.0	-7246.5
141	8.3	30250.0	-7257.0	231	6.4	45510.0	-7237.0	321	10.0	61642.0	-7202.0	411	10.0	74012.0	-7253.5
142	10.1	30508.0	-7235.0	232	9.7	45539.0	-7236.0	322	9.4	61721.0	-7227.0	412	8.5	74016.0	-7252.5
143	7.8	30520.0	-7229.0	233	7.2	45545.0	-7257.5	323	10.1	61927.0	-7236.0	413	8.0	74125.0	-7217.0
144	9.5	30529.0	-7212.0	234	9.6	45558.0	-7209.0	324	10.0	61955.0	-7238.0	414	9.8	74158.0	-7228.0
145	9.1	30547.0	-7242.0	235	10.0	45658.0	-7218.5	325	7.8	62027.0	-7205.0	415	10.0	74258.0	-7250.5
146	7.1	30638.0	-7230.0	236	10.1	45704.0	-7207.0	326	10.0	62318.0	-7204.5	416	10.0	74308.0	-7230.5
147	9.1	30658.0	-7247.0	237	9.0	50047.0	-7218.5	327	9.2	62532.0	-7217.5	417	4.3	74323.0	-7218.0
148	8.3	30740.0	-7248.0	238	10.0	50149.0	-7249.5	328	9.3	62606.0	-7206.0	418	10.0	74400.0	-7240.0
149	8.8	30810.0	-7212.0	239	10.0	50154.0	-7248.5	329	10.0	62624.0	-7256.5	419	9.0	74424.0	-7223.0
150	8.5	30900.0	-7229.5	240	8.7	50242.0	-7238.0	330	10.1	62745.0	-7259.0	420	9.9	74507.0	-7210.5
151	9.1	31303.0	-7233.5	241	9.7	50352.0	-7254.0	331	10.0	62950.0	-7200.0	421	10.2	74550.0	-7211.0
152	8.7	31317.0	-7242.0	242	8.5	50415.0	-7201.0	332	9.7	63013.0	-7254.0	422	9.5	74701.0	-7201.0
153	9.8	31847.0	-7250.5	243	8.3	50710.0	-7235.0	333	9.4	63240.0	-7205.5	423	10.0	74759.0	-7210.0
154	8.2	32023.0	-7225.5	244	9.0	50710.0	-7240.0	334	9.8	63306.0	-7244.0	424	9.0	74812.0	-7249.0
155	9.9	32059.0	-7254.0	245	8.9	50734.0	-7216.0	335	10.2	63331.0	-7243.0	425	8.7	75058.0	-7202.5
156	9.5	32303.0	-7207.5	246	10.2	50816.0	-7251.0	336	9.6	63343.0	-7241.0	426	9.3	75445.0	-7247.5
157	10.0	32610.0	-7205.5	247	10.0	50823.0	-7220.0	337	9.5	63404.0	-7235.5	427	10.1	75500.0	-7210.5
158	10.1	32630.0	-7203.5	248	10.1	50859.0	-7231.0	338	9.2	63445.0	-7204.5	428	10.1	75555.0	-7224.5
159	10.2	32903.0	-7257.5	249	9.2	51036.0	-7224.5	339	9.8	63526.0	-7225.0	429	8.3	75654.0	-7246.0
160	10.0	33042.0	-7205.0	250	8.5	51141.0	-7229.0	340	9.7	63547.0	-7213.0	430	9.5	80040.0	-7257.0
161	10.1	33128.0	-7244.5	251	8.0	51215.0	-7213.0	341	8.5	63617.0	-7209.5	431	6.7	80045.0	-7254.0
162	8.4	33146.0	-7247.5	252	10.0	51449.0	-7234.5	342	9.5	63710.0	-7237.5	432	9.2	80109.0	-7256.0
163	10.0	33632.0	-7232.0	253	9.4	51603.0	-7210.5	343	10.0	63734.0	-7248.0	433	9.5	80250.0	-7208.0
164	10.0	33658.0	-7229.0	254	8.5	51742.0	-7232.0	344	10.0	63824.0	-7204.0	434	10.0	80444.0	-7206.0
165	9.7	33723.0	-7208.0	255	8.7	51755.0	-7213.0	345	9.4	63836.0	-7240.0	435	9.8	80815.0	-7247.5
166	8.7	33836.0	-7210.0	256	8.2	51944.0	-7249.5	346	9.8	63922.0	-7202.5	436	10.2	80904.0	-7224.5
167	10.0	34002.0	-7255.0	257	9.0	51949.0	-7203.5	347	10.1	64011.0	-7238.0	437	9.5	81015.0	-7216.5
168	9.1	34100.0	-7226.0	258	9.2	52054.0	-7206.0	348	9.5	64155.0	-7252.5	438	10.2	81135.0	-7252.0
169	10.1	34150.0	-7204.0	259	9.2	52103.0	-7249.0	349	10.0	64345.0	-7239.0	439	10.0	81247.0	-7253.0
170	9.6	34152.0	-7208.0	260	8.5	52311.0	-7212.5	350	9.1	64430.0	-7253.5	440	8.5	81338.0	-7248.0
171	9.7	34416.0	-7209.5	261	10.0	52350.0	-7220.5	351	6.7	64611.0	-7259.0	441	10.0	81406.0	-7240.0
172	10.1	34435.0	-7221.5	262	7.8	52500.0	-7227.0	352	9.8	64619.0	-7239.5	442	9.7	81446.0	-7214.0
173	8.5	34447.0	-7259.5	263	10.0	52539.0	-7213.0	353	9.5	64620.0	-7231.5	443	10.0	81458.0	-7206.0
174	8.8	34534.0	-7205.5	264	9.8	52827.0	-7234.5	354	10.2	64639.0	-7232.0	444	9.8	81511.0	-7242.0
175	6.4	34605.0	-7203.0	265	10.0	53046.0	-7250.0	355	9.8	64859.0	-7204.0	445	9.6	81535.0	-7202.0
176	9.3	35043.0	-7257.5	266	10.2	53047.0	-7230.5	356	9.7	64905.0	-7226.0	446	9.9	81702.0	-7258.0
177	10.1	35250.0	-7209.0	267	9.0	53110.0	-7250.5	357	10.1	64957.0	-7236.0	447	9.0	81718.0	-7245.5
178	9.5	35251.0	-7224.0	268	8.2	53205.0	-7254.0	358	10.1	64958.0	-7245.5	448	9.3	81737.0	-7237.5
179	8.9	35340.0	-7241.0	269	10.0	53356.0	-7230.5	359	10.1	65033.0	-7255.5	449	9.2	81822.0	-7225.5
180	9.5	35638.0	-7242.0	270	9.5	53358.0	-7255.0	360	9.5	65039.0	-7204.5	450	9.0	81940.0	-7223.5
181	10.1	35751.0	-7229.0	271	10.2	53445.0	-7223.5	361	9.2	65052.0	-7219.0	451	9.2	82000.0	-7226.0
182	10.0	35843.0	-7215.0	272	8.2	53453.0	-7255.0	362	9.3	65111.0	-7233.0	452	9.5	82001.0	-7244.0
183	9.9	35905.0	-7225.5	273	10.0	53509.0	-7204.0	363	9.3	65419.0	-7202.0	453	10.0	82048.0	-7204.5
184	10.1	40058.0	-7232.5	274	9.7	53605.0	-7219.0	364	10.0	65440.0	-7237.0	454	8.8	82055.0	-7257.5
185	9.5	40556.0	-7213.0	275	9.3	53746.0	-7235.0	365	10.0	65605.0	-7230.0	455	10.2	82108.0	-7204.0
186	10.2	40620.0	-7204.5	276	9.4	53811.0	-7258.5	366	9.8	65607.0	-7254.0	456	9.9	82156.0	-7215.0
187	10.1	40655.0	-7230.5	277	8.0	53813.0	-7259.0	367	9.2	65842.0	-7228.0	457	8.0	82259.0	-7233.5
188	10.0	40926.0	-7201.5	278	9.0	53847.0	-7251.5	368	10.2	65917.0	-7207.0	458	5.7	82313.0	-7259.5
189	10.0	40937.0	-7216.0	279	10.0	54210.0	-7200.5	369	9.5	70039.0	-7221.5	459	10.0	82317.0	-7215.0
190	10.2	41132.0	-7216.0	280	8.6	54217.0	-7231.5	370	9.2	70050.0	-7251.5	460	8.8	82323.0	-7224.5
191	9.3	41148.0	-7201.0	281	9.8	54252.0	-7206.5	371	9.9	70156.0	-7228.5	461	8.4	82346.0	-7244.0
192	10.0	41307.0	-7236.0	282	8.5	54313.0	-7220.0	372	8.3	70302.0	-7222.5	462	10.2	82408.0	-7210.5
193	9.5	41408.0	-7242.0	283	10.0	54446.0	-7212.0	373	8.9	70322.0	-7235.0	463	10.0	82612.0	-7221.0
194	9.8	41546.0	-7206.5	284	9.5	54448.0	-7211.5	374	8.0	70325.0	-7253.0	464	10.2	82625.0	-7211.0
195	9.0	41632.0	-7245.5	285	9.5	54610.0	-7237.0	375	9.5	70540.0	-7234.0	465	10.0	82821.0	-7237.0
196	9.6	41635.0	-7233.0	286	9.8	54619.0	-7258.0	376	8.0	70738.0	-7247.5	466	10.0	82850.0	-7238.0
197	7.8	41815.0	-7218.0	287	10.2	54630.0	-7235.5	377	9.7	70751.0	-7224.5	467	8.5	82923.0	-7244.0
198	9.2	41859.0	-7216.5	288	8.7	54717.0	-7242.0	378	9.8	70756.0	-7249.0	468	9.9	82932.0	-7213.5
199	9.5	42141.0	-7217.5	289	6.9	55021.0	-7244.5	379	9.7	70915.0	-7209.0	469	9.3	83100.0	-7259.5

470	9.8	83140.0	-7235.0	560	9.0	94238.0	-7244.0	650	10.0	104759.0	-7206.5
471	6.6	83334.0	-7255.5	561	8.8	94320.0	-7232.0	651	8.3	104817.0	-7228.5
472	9.3	83636.0	-7256.5	562	9.8	94333.0	-7213.0	652	10.1	104830.0	-7222.0
473	9.9	83735.0	-7249.0	563	9.9	94336.0	-7240.0	653	9.5	104849.0	-7231.5
474	9.1	83756.0	-7258.0	564	10.0	94433.0	-7234.0	654	10.0	104855.0	-7232.5
475	10.2	83820.0	-7203.5	565	9.8	94815.0	-7239.5	655	8.9	104910.0	-7204.5
476	8.6	83851.0	-7202.0	566	9.5	94820.0	-7245.0	656	9.8	105011.0	-7239.0
477	10.2	83900.0	-7222.0	567	9.4	94856.0	-7238.0	657	10.1	105025.0	-7249.0
478	7.5	84145.0	-7208.5	568	10.0	94947.0	-7247.5	658	10.1	105103.0	-7209.0
479	9.8	84217.0	-7245.0	569	10.0	95041.0	-7228.0	659	10.1	105105.0	-7226.0
480	10.1	84230.0	-7221.0	570	9.8	95051.0	-7253.0	660	10.0	105106.0	-7213.0
481	10.2	84400.0	-7219.0	571	9.8	95101.0	-7214.0	661	9.8	105125.0	-7238.5
482	9.9	84438.0	-7218.5	572	9.7	95246.0	-7216.0	662	9.8	105133.0	-7248.5
483	10.0	84445.0	-7216.5	573	10.1	95555.0	-7227.0	663	10.0	105229.0	-7258.5
484	9.0	84618.0	-7230.0	574	9.2	95615.0	-7217.5	664	9.6	105400.0	-7253.0
485	9.5	84659.0	-7252.0	575	9.2	95622.0	-7234.5	665	9.3	105408.0	-7225.0
486	8.8	84700.0	-7209.5	576	8.2	95712.0	-7211.5	666	9.5	105413.0	-7228.0
487	9.9	84814.0	-7201.5	577	10.0	95729.0	-7227.5	667	8.5	105430.0	-7244.0
488	6.6	84953.0	-7205.0	578	9.2	95858.0	-7204.0	668	9.5	105427.0	-7203.0
489	9.2	85135.0	-7207.0	579	9.6	95910.0	-7234.0	669	10.0	105439.0	-7254.0
490	10.2	85412.0	-7203.5	580	10.0	100008.0	-7252.0	670	10.1	105613.0	-7239.0
491	9.9	85426.0	-7235.0	581	10.0	100020.0	-7228.0	671	9.7	105615.0	-7221.5
492	9.5	85515.0	-7216.0	582	10.0	100033.0	-7244.0	672	10.0	105620.0	-7252.5
493	10.1	85730.0	-7229.5	583	9.5	100344.0	-7223.0	673	9.5	105620.0	-7244.5
494	9.8	85748.0	-7233.5	584	10.0	100454.0	-7203.5	674	9.6	105627.0	-7212.5
495	10.0	85813.0	-7255 0	585	9.5	100658.0	-7248.0	675	9.9	105631.0	-7215.0
496	8.5	85905.0	-7243.0	586	10.0	100816.0	-7246.0	676	9.2	105635.0	-7218.5
497	10.1	85924.0	-7246.0	587	10.0	100859.0	-7236.0	677	7.7	105801.0	-7249.0
498	9.3	90020.0	-7202.5	588	10.0	100905.0	-7241.5	678	9.5	105826.0	-7223.0
499	10.2	90041.0	-7228.0	589	8.9	101119.0	-7243.0	679	9.2	105826.0	-7247.0
500	10.2	90048.0	-7213.0	590	8.5	101133.0	-7203.5	680	9.9	105912.0	-7246.5
501	9.7	90205.0	-7246.5	591	9.0	101145.0	-7217.5	681	10.0	105925.0	-7212.5
502	9.0	90255.0	-7247.5	592	9.8	101213.0	-7240.5	682	9.7	105926.0	-7211.5
503	9.2	90325.0	-7207.5	593	10.2	101345.0	-7234.5	683	9.9	105946.0	-7219.0
504	4.8	90450.0	-7206.0	594	9.3	101446.0	-7215.0	684	10.0	110055.0	-7234.0
505	10.1	90507.0	-7246.0	595	10.0	101448.0	-7252.0	685	8.6	110152.0	-7210.0
506	10.0	90736.0	-7244.0	596	10.0	101522.0	-7254.5	686	10.0	110155.0	-7228.5
507	9.5	90829.0	-7242.0	597	10.0	101720.0	-7207.0	687	10.1	110235.0	-7227.5
508	8.8	90947.0	-7211.5	598	9.8	101738.0	-7238.5	688	10.1	110506.0	-7203.0
509	10.0	91016.0	-7250.0	599	10.0	101746.0	-7232.5	689	9.5	110613.0	-7259.0
510	9.5	91044.0	-7255.0	600	10.0	101958.0	-7224.0	690	9.9	110801.0	-7238.5
511	10.0	91200.0	-7210.5	601	9.8	102127.0	-7256.5	691	10.0	110839.0	-7224.0
512	10.1	91204.0	-7231.5	602	10.2	102135.0	-7213.5	692	10.1	110903.0	-7231.0
513	8.4	91206.0	-7216.5	603	10.2	102156.0	-7212.0	693	9.2	110924.0	-7224.5
514	9.5	91218.0	-7209.5	604	9.4	102232.0	-7250.5	694	9.8	111005.0	-7217.0
515	10.0	91233.0	-7258.5	605	9.9	102401.0	-7205.0	695	9.5	111015.0	-7230.5
516	10.1	91551.0	-7238.0	606	7.2	102405.0	-7232.0	696	10.0	111053.0	-7257.5
517	10.0	91552.0	-7221.0	607	9.2	102414.0	-7237.0	697	9.7	111430.0	-7239.0
518	9.8	91618.0	-7248.0	608	10.0	102440.0	-7207.0	698	9.1	111440.0	-7228.0
519	8.3	91657.0	-7230.5	609	10.0	102507.0	-7213.5	699	9.8	111441.0	-7202.0
520	9.5	91746.0	-7206.0	610	9.0	102537.0	-7200.5	700	6.9	111509.0	-7216.5
521	7.7	91836.0	-7247.5	611	10.1	102600.0	-7205.0	701	9.5	111637.0	-7209.5
522	10.0	91850.0	-7206.0	612	10.0	102625.0	-7219.0	702	8.4	111710.0	-7250.0
523	10.0	91853.0	-7237.0	613	9.4	102803.0	-7243.0	703	10.0	111715.0	-7224.5
524	10.1	92031.0	-7224.5	614	5.6	102807.0	-7235.0	704	9.2	111817.0	-7236.0
525	10.0	92146.0	-7254.5	615	10.1	103128.0	-7200.0	705	8.3	112007.0	-7210.5
526	10.1	92228.0	-7234.0	616	10.1	103130.0	-7201.0	706	10.0	112020.0	-7233.5
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533	9.7	92418.0	-7233.0	623	9.5	103438.0	-7256.0	713	9.2	112552.0	-7247.0
534	10.0	92457.0	-7202.0	624	9.6	103442.0	-7256.5	714	10.1	112615.0	-7256.5
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900 10.0 131600.0 -7214.5	990 10.0 141325.0 -7237.5	1080 9.5 145439.0 -7203.0	1170 10.1 153039.0 -7204.0
901 9.6 131601.0 -7227.5	991 7.5 141356.0 -7203.0	1081 9.5 145459.0 -7245.0	1171 9.0 153109.0 -7245.0
902 9.8 131651.0 -7241.0	992 9.2 141443.0 -7248.0	1082 10.0 145525.0 -7246.0	1172 10.0 153207.0 -7231.0
903 10.0 131749.0 -7241.0	993 9.9 141450.0 -7259.0	1083 10.0 145538.0 -7203.0	1173 10.0 153210.0 -7241.5
904 9.8 131754.0 -7202.0	994 8.3 141630.0 -7237.5	1084 9.3 145608.0 -7226.5	1174 10.0 153225.0 -7256.0
905 9.1 131834.0 -7223.5	995 9.9 141802.0 -7252.5	1085 9.3 145609.0 -7225.5	1175 9.3 153237.0 -7240.5
906 10.1 131935.0 -7242.5	996 9.8 141909.0 -7221.0	1086 10.2 145633.0 -7205.0	1176 10.0 153246.0 -7236.5
907 9.9 132117.0 -7222.0	997 9.6 142000.0 -7212.0	1087 10.0 145639.0 -7227.5	1177 10.0 153308.0 -7237.0
908 9.9 132417.0 -7254.0	998 9.8 142008.0 -7231.0	1088 9.0 145719.0 -7219.5	1178 8.7 153337.0 -7203.0
909 10.0 132514.0 -7257.0	999 9.5 142025.0 -7221.5	1089 9.7 145725.0 -7227.0	1179 8.9 153428.0 -7231.0
910 7.2 132603.0 -7241.0	1000 9.8 142050.0 -7215.0	1090 9.1 145811.0 -7239.5	1180 9.5 153541.0 -7235.0
911 10.2 132710.0 -7236.0	1001 10.0 142123.0 -7215.0	1091 10.0 145824.0 -7250.0	1181 8.5 153555.0 -7220.5
912 10.0 132736.0 -7255.0	1002 10.0 142155.0 -7254.0	1092 7.8 145827.0 -7256.5	1182 10.0 153653.0 -7226.5
913 10.0 132752.0 -7200.5	1003 9.4 142208.0 -7200.0	1093 8.3 145836.0 -7240.0	1183 10.1 153712.0 -7227.5
914 10.0 132756.0 -7207.0	1004 10.0 142231.0 -7225.0	1094 9.4 145842.0 -7233.0	1184 10.0 153823.0 -7206.0
915 8.5 132758.0 -7210.0	1005 9.2 142238.0 -7225.5	1095 10.0 145910.0 -7208.5	1185 8.1 153838.0 -7257.0
916 9.7 132807.0 -7248.0	1006 9.8 142302.0 -7258.5	1096 6.4 145946.0 -7217.5	1186 10.1 153910.0 -7207.0
917 9.0 132845.0 -7216.0	1007 9.1 142335.0 -7229.5	1097 8.2 145954.0 -7224.0	1187 9.0 153939.0 -7257.5
918 10.0 132908.0 -7248.0	1008 10.0 142623.0 -7255.5	1098 8.5 150042.0 -7223.5	1188 8.4 154101.0 -7215.0
919 9.7 133020.0 -7255.5	1009 10.0 142724.0 -7233.0	1099 9.1 150123.0 -7257.0	1189 9.2 154236.0 -7225.5

-72 1189 15h42m

-72 1190 15h43m

1190	9.9	154306.0	-7244.5	1280	10.2	163748.0	-7217.0	1370	9.2	173533.0	-7231.5	1460	9.9	182135.0	-7206.0
1191	9.9	154400.0	-7251.0	1281	9.5	163801.0	-7203.5	1371	9.1	173537.0	-7207.0	1461	10.0	182233.0	-7211.0
1192	8.0	154423.0	-7246.5	1282	9.1	163820.0	-7258.0	1372	9.5	173639.0	-7237.0	1462	9.2	182259.0	-7226.5
1193	9.6	154436.0	-7252.0	1283	9.8	163823.0	-7225.0	1373	9.8	173658.0	-7244.0	1463	9.0	182302.0	-7204.0
1194	9.1	154531.0	-7202.0	1284	8.5	163925.0	-7254.0	1374	10.0	173757.0	-7204.5	1464	10.0	182359.0	-7250.5
1195	10.0	154545.0	-7242.0	1285	8.9	164009.0	-7254.0	1375	9.8	173815.0	-7230.0	1465	9.8	182443.0	-7234.0
1196	8.8	154553.0	-7249.0	1286	8.5	164038.0	-7237.0	1376	10.0	173819.0	-7246.5	1466	9.8	182453.0	-7229.0
1197	9.9	154613.0	-7231.0	1287	10.0	164101.0	-7259.0	1377	9.5	173840.0	-7214.5	1467	8.6	182559.0	-7210.5
1198	6.6	154658.0	-7206.0	1288	9.7	164243.0	-7220.5	1378	9.9	173948.0	-7235.0	1468	9.0	182622.0	-7219.5
1199	10.0	154718.0	-7244.0	1289	9.7	164256.0	-7224.5	1379	10.2	173958.0	-7235.5	1469	10.0	182637.0	-7203.0
1200	9.6	154736.0	-7241.5	1290	9.5	164452.0	-7232.0	1380	10.0	174030.0	-7254.0	1470	10.0	182715.0	-7209.0
1201	9.2	154856.0	-7224.5	1291	9.2	164455.0	-7220.0	1381	9.4	174037.0	-7239.0	1471	9.0	182735.0	-7235.5
1202	10.0	155003.0	-7245.0	1292	10.0	164523.0	-7231.0	1382	8.3	174119.0	-7216.5	1472	10.2	182900.0	-7255.5
1203	9.3	155046.0	-7213.0	1293	10.0	164633.0	-7245.5	1383	9.8	174119.0	-7232.5	1473	9.3	182955.0	-7237.0
1204	8.5	155126.0	-7230.0	1294	9.8	164715.0	-7216.0	1384	9.8	174123.0	-7206.5	1474	8.5	182959.0	-7234.0
1205	10.0	155155.0	-7221.0	1295	7.5	164739.0	-7225.0	1385	9.7	174218.0	-7214.0	1475	7.2	183058.0	-7256.0
1206	6.1	155205.0	-7203.0	1296	10.0	164745.0	-7219.0	1386	10.0	174226.0	-7241.0	1476	10.0	183123.0	-7223.5
1207	9.2	155245.0	-7221.5	1297	9.8	164824.0	-7202.5	1387	9.5	174233.0	-7216.0	1477	9.1	183230.0	-7217.0
1208	10.0	155441.0	-7204.5	1298	9.5	164906.0	-7204.0	1388	8.5	174426.0	-7209.0	1478	9.4	183335.0	-7229.0
1209	8.8	155527.0	-7206.5	1299	9.8	164939.0	-7206.5	1389	9.6	174448.0	-7229.0	1479	10.0	183339.0	-7246.0
1210	9.8	155548.0	-7247.0	1300	9.7	164948.0	-7212.0	1390	10.0	174548.0	-7211.0	1480	8.6	183452.0	-7248.0
1211	8.2	155551.0	-7241.0	1301	10.0	165022.0	-7234.0	1391	10.0	174553.0	-7204.0	1481	9.4	183624.0	-7219.0
1212	9.5	155616.0	-7214.0	1302	9.6	165046.0	-7255.0	1392	10.0	174645.0	-7226.5	1482	9.3	183712.0	-7220.0
1213	9.3	155619.0	-7233.0	1303	10.0	165058.0	-7254.0	1393	10.0	174725.0	-7205.0	1483	10.0	183845.0	-7241.0
1214	10.0	155630.0	-7219.0	1304	8.3	165228.0	-7223.0	1394	10.2	174725.0	-7250.0	1484	9.8	183943.0	-7240.0
1215	10.0	155720.0	-7254.0	1305	10.0	165450.0	-7206.5	1395	10.0	174730.0	-7215.5	1485	10.2	184043.0	-7232.0
1216	9.9	155820.0	-7243.0	1306	10.0	165543.0	-7225.5	1396	10.2	174756.0	-7216.5	1486	9.2	184121.0	-7259.5
1217	10.0	155830.0	-7225.0	1307	8.0	165558.0	-7241.0	1397	9.2	174801.0	-7206.0	1487	10.2	184142.0	-7244.5
1218	9.7	155931.0	-7223.5	1308	9.8	165604.0	-7206.5	1398	10.0	174827.0	-7237.0	1488	10.0	184239.0	-7240.0
1219	10.0	160030.0	-7242.5	1309	10.0	165611.0	-7249.5	1399	10.0	174834.0	-7245.5	1489	10.2	184333.0	-7240.3
1220	10.0	160033.0	-7219.0	1310	9.8	165650.0	-7241.5	1400	9.9	174836.0	-7228.0	1490	10.0	184438.0	-7204.0
1221	10.2	160315.0	-7225.0	1311	8.2	165724.0	-7206.0	1401	9.7	174847.0	-7259.0	1491	9.2	184458.0	-7251.0
1222	10.0	160353.0	-7223.0	1312	9.9	165727.0	-7210.0	1402	9.7	174906.0	-7218.0	1492	9.8	184514.0	-7252.0
1223	6.9	160359.0	-7243.5	1313	10.2	165729.0	-7243.0	1403	7.4	174922.0	-7256.5	1493	6.9	184514.0	-7205.0
1224	8.4	160413.0	-7238.0	1314	8.9	165742.0	-7230.0	1404	9.0	174937.0	-7221.5	1494	9.3	184620.0	-7248.0
1225	9.9	160441.0	-7243.0	1315	10.2	165750.0	-7212.0	1405	9.6	174958.0	-7236.0	1495	8.5	184803.0	-7202.0
1226	10.0	160543.0	-7205.0	1316	10.0	165800.0	-7217.0	1406	10.2	175130.0	-7207.0	1496	8.5	184839.0	-7233.0
1227	10.0	160621.0	-7223.0	1317	9.9	165815.0	-7207.0	1407	10.0	175205.0	-7225.5	1497	9.7	185007.0	-7238.0
1228	9.7	160656.0	-7220.5	1318	8.5	165815.0	-7232.5	1408	9.0	175317.0	-7220.5	1498	9.1	185023.0	-7215.0
1229	10.0	160758.0	-7223.0	1319	10.0	165838.0	-7230.5	1409	10.0	175339.0	-7257.5	1499	9.3	185041.0	-7205.5
1230	10.0	160807.0	-7244.0	1320	10.2	165850.0	-7243.0	1410	10.2	175408.0	-7210.5	1500	9.0	185104.0	-7247.0
1231	10.0	160840.0	-7258.0	1321	9.5	165931.0	-7218.0	1411	9.4	175427.0	-7241.0	1501	9.0	185121.0	-7246.5
1232	10.0	160945.0	-7214.0	1322	10.0	170039.0	-7242.0	1412	9.7	175430.0	-7225.0	1502	10.0	185244.0	-7208.0
1233	8.6	160946.0	-7250.0	1323	9.5	170103.0	-7255.0	1413	10.2	175436.0	-7232.0	1503	10.0	185317.0	-7224.5
1234	8.0	161024.0	-7217.0	1324	8.0	170120.0	-7224.0	1414	9.5	175524.0	-7203.0	1504	9.9	185344.0	-7232.5
1235	9.8	161035.0	-7247.0	1325	10.0	170128.0	-7241.5	1415	10.2	175534.0	-7213.0	1505	10.0	185417.0	-7200.0
1236	10.0	161056.0	-7228.0	1326	9.0	170322.0	-7232.0	1416	8.3	175600.0	-7237.0	1506	8.5	185552.0	-7221.5
1237	10.1	161115.0	-7230.0	1327	10.0	170445.0	-7223.5	1417	10.0	175625.0	-7222.0	1507	9.9	185700.0	-7201.5
1238	10.0	161140.0	-7242.0	1328	9.8	170445.0	-7236.5	1418	7.8	175639.0	-7258.5	1508	10.0	185815.0	-7255.0
1239	9.5	161237.0	-7216.0	1329	10.0	170453.0	-7239.5	1419	9.6	175648.0	-7247.0	1509	9.5	190007.0	-7247.0
1240	8.5	161310.0	-7247.5	1330	9.5	170510.0	-7249.5	1420	9.8	175658.0	-7247.5	1510	10.0	190035.0	-7220.0
1241	7.8	161325.0	-7244.0	1331	10.0	170751.0	-7243.0	1421	10.0	175723.0	-7252.5	1511	10.0	190106.0	-7253.0
1242	10.0	161403.0	-7252.5	1332	10.0	170812.0	-7221.0	1422	9.6	175804.0	-7244.0	1512	9.9	190156.0	-7244.5
1243	9.8	161523.0	-7206.0	1333	10.0	170959.0	-7252.0	1423	10.0	175905.0	-7254.0	1513	9.8	190306.0	-7233.0
1244	9.8	161535.0	-7213.0	1334	9.5	171000.0	-7257.0	1424	9.4	175920.0	-7246.5	1514	8.7	190404.0	-7249.0
1245	10.0	161547.0	-7236.5	1335	10.0	171226.0	-7221.5	1425	9.2	180000.0	-7216.5	1515	8.0	190416.0	-7252.0
1246	10.2	161614.0	-7211.5	1336	9.6	171308.0	-7206.0	1426	9.4	180014.0	-7224.0	1516	9.9	190533.0	-7256.5
1247	10.2	161625.0	-7232.0	1337	8.7	171344.0	-7228.0	1427	9.1	180044.0	-7254.0	1517	7.8	190554.0	-7250.5
1248	9.1	161810.0	-7207.5	1338	9.5	171546.0	-7214.0	1428	9.5	180046.0	-7240.0	1518	9.3	190718.0	-7232.0
1249	9.5	161938.0	-7253.0	1339	10.0	171550.0	-7209.0	1429	9.9	180055.0	-7215.5	1519	10.0	190827.0	-7241.0
1250	8.5	161952.0	-7238.0	1340	8.5	171629.0	-7250.0	1430	9.8	180216.0	-7201.0	1520	10.2	190833.0	-7256.0
1251	10.0	162325.0	-7239.0	1341	8.9	171655.0	-7251.5	1431	9.2	180254.0	-7250.0	1521	9.7	190850.0	-7238.0
1252	9.7	162400.0	-7234.0	1342	9.4	171723.0	-7234.5	1432	9.9	180308.0	-7241.0	1522	8.9	190956.0	-7202.5
1253	10.0	162503.0	-7246.0	1343	8.8	171829.0	-7205.0	1433	9.5	180310.0	-7235.0	1523	9.2	191013.0	-7232.0
1254	9.4	162541.0	-7211.0	1344	9.8	172019.0	-7253.0	1434	10.0	180355.0	-7218.5	1524	10.0	191039.0	-7255.5
1255	10.0	162555.0	-7210.0	1345	9.1	172026.0	-7215.0	1435	10.0	180400.0	-7217.0	1525	10.0	191105.0	-7210.0
1256	9.8	162605.0	-7200.5	1346	9.8	172037.0	-7246.0	1436	9.2	180450.0	-7239.0	1526	9.2	191111.0	-7217.0
1257	6.7	162621.0	-7202.5	1347	8.6	172103.0	-7213.0	1437	10.0	180521.0	-7208.0	1527	9.0	191234.0	-7224.0
1258	9.8	162726.0	-7254.0	1348	9.8	172136.0	-7216.5	1438	9.9	180532.0	-7210.0	1528	8.1	191237.0	-7201.0
1259	9.5	162805.0	-7213.0	1349	9.5	172255.0	-7238.5	1439	9.2	180556.0	-7259.0	1529	9.2	191320.0	-7239.0
1260	10.0	162817.0	-7220.0	1350	8.9	172258.0	-7258.0	1440	10.0	180558.0	-7253.0	1530	10.0	191405.0	-7257.5
1261	10.0	162818.0	-7248.0	1351	10.0	172345.0	-7225.0	1441	9.9	180620.0	-7216.0	1531	9.5	191519.0	-7215.0
1262	10.0	162824.0	-7217.0	1352	8.5	172352.0	-7203.0	1442	10.0	180657.0	-7224.0	1532	9.4	191525.0	-7228.5
1263	10.0	162827.0	-7238.0	1353	10.0	172401.0	-7221.5	1443	10.2	180742.0	-7208.0	1533	9.5	191525.0	-7255.0
1264	9.2	162903.0	-7259.0	1354	9.9	172553.0	-7236.5	1444	10.2	180940.0	-7215.0	1534	9.1	191527.0	-7213.0
1265	9.2	162954.0	-7212.5	1355	9.9	172611.0	-7233.0	1445	10.0	181037.0	-7252.0	1535	9.8	191600.0	-7220.0
1266	9.3	163056.0	-7217.0	1356	10.0	172620.0	-7221.5	1446	10.0	181044.0	-7221.0	1536	8.4	191801.0	-7209.0
1267	9.2	163217.0	-7204.5	1357	8.7	172829.0	-7259.5	1447	10.0	181112.0	-7227.0	1537	8.4	191843.0	-7221.0
1268	10.0	163253.0	-7238.5	1358	6.6	172921.0	-7209.5	1448	10.0	181229.0	-7245.0	1538	9.0	191947.0	-7235.5
1269	9.7	163337.0	-7211.5	1359	8.2	172944.0	-7243.5	1449	9.3	181253.0	-7255.0	1539	8.7	192049.0	-7201.0
1270	9.4	163350.0	-7236.0	1360	10.0	173017.0	-7206.0	1450	10.0	181256.0	-7237.0	1540	10.0	192239.0	-7229.0
1271	9.8	163409.0	-7205.0	1361	8.3	173102.0	-7245.5	1451	9.8	181322.0	-7247.0	1541	8.3	192505.0	-7204.0
1272	10.0	163426.0	-7234.0	1362	9.9	173121.0	-7208.0	1452	10.2	181323.0	-7206.0	1542	9.7	192516.0	-7222.5
1273	10.0	163445.0	-7204.5	1363	10.0	173205.0	-7251.5	1453	9.1	181536.0	-7231.0	1543	9.5	192522.0	-7227.5
1274	9.8	163456.0	-7253.0	1364	9.9	173206.0	-7226.5	1454	8.4	181717.0	-7246.0	1544	9.0	192541.0	-7235.5
1275	9.0	163545.0	-7231.0	1365	9.5	173312.0	-7230.5	1455	8.6	181851.0	-7247.0	1545	9.2	192555.0	-7218.0
1276	10.0	163550.0	-7232.0	1366	10.0	173402.0	-7224.0	1456	9.8	181946.0	-7248.0	1546	10.0	192656.0	-7258.0
1277	9.5	163612.0	-7240.5	1367	10.0	173417.0	-7217.5	1457	10.0	182050.0	-7237.0	1547	9.3	192703.0	-7243.5
1278	9.4	163714.0	-7204.0	1368	10.0	173523.0	-7257.0	1458	9.5	182058.0	-7208.0	1548	9.5	192742.0	-7201.5
1279	10.0	163743.0	-7219.0	1369	10.0	173526.0	-7256.0	1459	7.8	182125.0	-7252.5	1549	9.5	192801.0	-7227.5

-72 1549 19h28m

-72 1550 19h28m

-73 99 2h21m

1550	8.8	192812.0	-7229.5	1640	7.2	203547.0	-7259.0	1730	9.5	220706.0	-7207.5	10	10.2	01543.0	-7341.5
1551	8.0	192855.0	-7209.0	1641	9.6	203556.0	-7218.0	1731	9.5	220730.0	-7235.5	11	10.2	01555.0	-7354.5
1552	8.7	192909.0	-7232.0	1642	9.7	203849.0	-7257.0	1732	10.2	220743.0	-7236.5	12	8.9	01658.0	-7344.0
1553	9.9	192938.0	-7247.5	1643	10.0	203923.0	-7248.5	1733	9.7	220743.0	-7257.0	13	10.2	01743.0	-7320.0
1554	10.0	193044.0	-7201.5	1644	9.5	204013.0	-7250.5	1734	10.0	220905.0	-7254.5	14	10.0	01821.0	-7301.0
1555	9.7	193048.0	-7236.0	1645	9.9	204037.0	-7218.0	1735	9.3	220919.0	-7201.5	15	10.2	01903.0	-7318.0
1556	9.1	193150.0	-7216.0	1646	9.8	204138.0	-7257.0	1736	8.5	220919.0	-7258.5	16	9.0	01930.0	-7318.5
1557	9.2	193305.0	-7243.0	1647	9.5	204230.0	-7236.0	1737	10.2	220941.0	-7212.0	17	10.0	02001.0	-7327.5
1558	9.5	193325.0	-7247.0	1648	9.5	204402.0	-7200.5	1738	9.2	220943.0	-7254.0	18	10.2	02150.0	-7322.5
1559	10.2	193440.0	-7229.0	1649	9.5	204410.0	-7235.0	1739	10.0	221006.0	-7231.0	19	10.0	02231.0	-7323.5
1560	5.7	193500.0	-7248.5	1650	9.8	204447.0	-7237.0	1740	9.2	221252.0	-7206.5	20	9.4	02509.0	-7346.0
1561	9.1	193527.0	-7206.5	1651	9.4	204457.0	-7245.0	1741	9.5	221330.0	-7223.0	21	10.2	02916.0	-7351.0
1562	8.7	193544.0	-7211.5	1652	10.2	204616.0	-7237.0	1742	5.7	221350.0	-7252.0	22	9.6	02929.0	-7314.0
1563	10.0	193600.0	-7252.5	1653	10.0	204827.0	-7209.0	1743	10.0	221425.0	-7228.0	23	9.5	02943.0	-7332.0
1564	8.5	193640.0	-7204.5	1654	9.8	204843.0	-7239.0	1744	10.1	221827.0	-7200.0	24	7.9	03042.0	-7355.0
1565	10.0	193709.0	-7220.5	1655	9.9	204859.0	-7213.5	1745	10.1	222617.0	-7216.0	25	8.5	03103.0	-7332.0
1566	9.7	193830.0	-7220.0	1656	9.0	204928.0	-7219.0	1746	10.0	222717.0	-7255.0	26	10.0	03315.0	-7353.0
1567	7.8	193857.0	-7247.0	1657	10.0	205347.0	-7246.0	1747	8.7	222717.0	-7216.0	27	6.8	03349.0	-7349.5
1568	9.5	193945.0	-7255.0	1658	10.0	205547.0	-7202.0	1748	9.5	222825.0	-7259.5	28	9.8	03636.0	-7348.0
1569	9.5	193958.0	-7250.0	1659	9.9	205610.0	-7200.0	1749	9.5	222950.0	-7253.0	29	9.5	03919.0	-7302.5
1570	8.7	194200.0	-7240.0	1660	9.3	205745.0	-7207.0	1750	8.0	223235.0	-7210.5	30	9.6	04020.0	-7355.0
1571	10.0	194229.0	-7206.0	1661	10.2	205810.0	-7242.5	1751	9.5	223328.0	-7248.0	31	8.5	04147.0	-7316.5
1572	8.0	194304.0	-7226.0	1662	10.0	205818.0	-7231.5	1752	8.5	223416.0	-7215.5	32	9.3	04225.0	-7330.5
1573	9.9	194553.0	-7250.0	1663	10.2	205921.0	-7224.0	1753	9.2	223835.0	-7218.5	33	10.0	04310.0	-7333.5
1574	10.0	194615.0	-7218.0	1664	10.0	210152.0	-7217.0	1754	10.0	223946.0	-7246.0	34	9.8	04613.0	-7300.0
1575	9.9	194725.0	-7226.0	1665	9.5	210238.0	-7204.0	1755	7.9	224205.0	-7205.0	35	9.6	04656.0	-7321.0
1576	9.3	194948.0	-7213.0	1666	8.4	210415.0	-7245.5	1756	9.9	224219.0	-7254.5	36	10.2	04835.0	-7348.0
1577	9.7	195005.0	-7241.0	1667	8.5	210605.0	-7240.0	1757	9.3	224302.0	-7221.0	37	10.0	04847.0	-7347.5
1578	10.0	195028.0	-7219.0	1668	9.7	210804.0	-7250.0	1758	8.7	224308.0	-7233.0	38	9.1	05158.0	-7348.0
1579	9.9	195054.0	-7200.5	1669	10.2	210831.0	-7238.5	1759	8.7	224526.0	-7251.0	39	20.0	05200.0	-7308.5
1580	9.7	195203.0	-7249.0	1670	7.4	211019.0	-7206.0	1760	8.5	224702.0	-7238.0	40	10.0	05227.0	-7339.5
1581	9.6	195251.0	-7228.0	1671	10.0	211159.0	-7250.0	1761	10.2	224755.0	-7227.5	41	8.5	05233.0	-7345.0
1582	9.7	195334.0	-7231.0	1672	10.0	211321.0	-7255.5	1762	10.1	224855.0	-7200.5	42	8.0	05650.0	-7322.0
1583	8.9	195406.0	-7233.0	1673	6.4	211321.0	-7220.0	1763	8.0	224905.0	-7223.0	43	9.8	05906.0	-7302.5
1584	10.0	195412.0	-7255.0	1674	8.5	211505.0	-7226.0	1764	9.5	225013.0	-7214.0	44	9.8	10030.0	-7352.0
1585	8.9	195453.0	-7201.0	1675	9.9	211518.0	-7205.0	1765	9.7	225017.0	-7258.5	45	8.2	10119.0	-7313.0
1586	7.5	195658.0	-7200.0	1676	10.2	211540.0	-7220.0	1766	7.7	225026.0	-7230.5	46	9.3	10422.0	-7341.0
1587	10.0	195714.0	-7243.5	1677	8.9	211715.0	-7205.0	1767	8.5	225334.0	-7241.5	47	10.0	10524.0	-7318.5
1588	9.9	195719.0	-7209.5	1678	10.0	211750.0	-7257.5	1768	9.5	225555.0	-7203.0	48	7.2	10620.0	-7337.5
1589	9.2	195739.0	-7202.0	1679	10.0	211826.0	-7232.5	1769	9.7	225615.0	-7226.0	49	10.0	10638.0	-7325.0
1590	10.0	195802.0	-7259.0	1680	10.2	211947.0	-7235.0	1770	9.7	225910.0	-7242.0	50	10.2	10703.0	-7316.0
1591	9.2	195929.0	-7256.0	1681	10.2	211950.0	-7255.0	1771	9.9	230029.0	-7227.5	51	9.4	10725.0	-7341.0
1592	10.0	200101.0	-7229.0	1682	8.7	212014.0	-7243.5	1772	10.0	230143.0	-7253.5	52	10.1	10739.0	-7351.5
1593	10.0	200215.0	-7253.0	1683	10.0	212245.0	-7215.5	1773	10.0	230357.0	-7244.0	53	10.0	11124.0	-7355.0
1594	9.9	200236.0	-7235.0	1684	9.5	212301.0	-7243.0	1774	10.0	230548.0	-7224.0	54	9.8	11430.0	-7356.0
1595	8.5	200310.0	-7234.0	1685	10.0	212557.0	-7235.5	1775	9.5	230609.0	-7202.0	55	9.5	11500.0	-7323.0
1596	9.9	200326.0	-7202.5	1686	9.7	212643.0	-7217.0	1776	10.2	230710.0	-7258.0	56	7.5	11658.0	-7324.0
1597	9.2	200836.0	-7237.0	1687	10.0	212838.0	-7219.0	1777	9.9	230714.0	-7246.0	57	8.7	11803.0	-7341.0
1598	9.5	200853.0	-7238.0	1688	7.7	212849.0	-7203.5	1778	9.5	230817.0	-7249.5	58	9.5	11810.0	-7338.0
1599	9.0	200930.0	-7225.5	1689	8.8	212855.0	-7243.5	1779	10.0	231018.0	-7245.0	59	9.9	12010.0	-7305.0
1600	9.2	201053.0	-7235.0	1690	10.2	212903.0	-7232.0	1780	8.3	231340.0	-7216.0	60	10.2	12211.0	-7324.0
1601	8.7	201120.0	-7203.0	1691	10.2	212920.0	-7208.0	1781	10.0	231506.0	-7250.0	61	8.8	12332.0	-7324.0
1602	9.6	201201.0	-7259.0	1692	10.2	212938.0	-7210.0	1782	10.0	231605.0	-7234.0	62	9.0	12456.0	-7355.0
1603	10.0	201230.0	-7206.0	1693	9.5	212953.0	-7240.5	1783	7.2	231626.0	-7251.0	63	9.8	12635.0	-7340.0
1604	9.7	201235.0	-7253.0	1694	10.0	213058.0	-7241.0	1784	8.0	231658.0	-7218.5	64	8.4	12726.0	-7349.0
1605	9.5	201306.0	-7252.0	1695	9.9	213145.0	-7200.0	1785	9.5	231838.0	-7227.0	65	9.0	13303.0	-7323.0
1606	9.8	201426.0	-7252.0	1696	10.0	213343.0	-7251.0	1786	9.4	232212.0	-7221.0	66	8.8	13316.0	-7328.5
1607	9.5	201619.0	-7204.0	1697	10.2	213423.0	-7232.0	1787	10.0	232327.0	-7254.0	67	9.9	13559.0	-7320.0
1608	9.9	201635.0	-7248.0	1698	10.2	213506.0	-7224.5	1788	10.2	232615.0	-7212.0	68	9.2	13627.0	-7347.5
1609	9.2	201638.0	-7203.0	1699	9.5	213645.0	-7232.0	1789	9.2	232620.0	-7247.5	69	10.0	13759.0	-7330.5
1610	10.0	201757.0	-7252.5	1700	9.8	213734.0	-7240.0	1790	10.0	233201.0	-7225.0	70	9.3	14040.0	-7346.0
1611	7.4	201855.0	-7216.5	1701	10.1	213812.0	-7222.0	1791	9.5	233403.0	-7240.5	71	9.7	14303.0	-7328.5
1612	9.5	201858.0	-7229.0	1702	10.0	213920.0	-7241.0	1792	9.8	233605.0	-7247.5	72	10.0	14354.0	-7326.5
1613	10.0	201900.0	-7201.0	1703	7.6	213953.0	-7243.5	1793	9.8	233718.0	-7217.0	73	9.2	14548.0	-7314.0
1614	10.2	202012.0	-7238.0	1704	10.2	213958.0	-7205.5	1794	9.8	233928.0	-7240.2	74	9.9	14610.0	-7333.0
1615	10.1	202034.0	-7254.5	1705	10.2	214001.0	-7224.0	1795	10.1	233932.0	-7240.5	75	7.5	14700.0	-7302.0
1616	10.0	202035.0	-7259.0	1706	10.1	214205.0	-7257.5	1796	7.1	234024.0	-7200.0	76	10.2	14827.0	-7335.0
1617	9.1	202036.0	-7247.5	1707	8.4	214241.0	-7252.5	1797	9.7	234058.0	-7202.0	77	10.0	15028.0	-7310.0
1618	9.6	202300.0	-7241.5	1708	10.0	214317.0	-7240.0	1798	10.2	234150.0	-7200.5	78	10.0	15029.0	-7348.0
1619	10.0	202315.0	-7222.0	1709	10.0	214423.0	-7202.5	1799	10.0	234354.0	-7223.0	79	9.8	15156.0	-7347.0
1620	10.0	202336.0	-7221.0	1710	8.8	214637.0	-7234.0	1800	9.2	234647.0	-7253.0	80	10.0	15225.0	-7350.5
1621	10.0	202351.0	-7254.0	1711	9.2	214812.0	-7220.0	1801	9.7	234937.0	-7242.0	81	8.7	15250.0	-7306.0
1622	8.5	202457.0	-7251.5	1712	10.0	214830.0	-7222.0	1802	9.3	235002.0	-7230.0	82	9.3	15348.0	-7358.5
1623	8.5	202459.0	-7204.0	1713	9.6	214912.0	-7226.5	1803	10.1	235115.0	-7228.5	83	8.9	15452.0	-7352.5
1624	9.5	202655.0	-7244.5	1714	10.0	214935.0	-7214.0	1804	9.4	235318.0	-7211.5	84	9.1	15618.0	-7314.5
1625	10.0	202709.0	-7220.0	1715	10.0	215026.0	-7245.0	1805	9.5	235405.0	-7254.0	85	10.0	15710.0	-7346.0
1626	9.5	202810.0	-7213.0	1716	10.0	215203.0	-7210.0	1806	9.9	235637.0	-7240.5	86	10.2	15959.0	-7357.5
1627	10.2	202856.0	-7211.0	1717	9.4	215206.0	-7208.0	1807	10.0	235812.0	-7235.5	87	10.2	20012.0	-7329.0
1628	10.2	202938.0	-7234.0	1718	9.4	215601.0	-7256.0	1808	9.2	235815.0	-7223.5	88	10.0	20306.0	-7344.0
1629	7.4	202950.0	-7222.0	1719	10.1	215604.0	-7214.5	1809	5.5	235821.0	-7208.0	89	8.8	20359.0	-7321.5
1630	10.0	202951.0	-7218.0	1720	10.2	215643.0	-7229.5	1810	10.2	235911.0	-7227.5	90	9.5	20402.0	-7311.5
1631	9.5	203004.0	-7245.0	1721	9.0	215655.0	-7214.0	1	10.0	00259.0	-7309.5	91	8.7	20825.0	-7305.0
1632	9.4	203009.0	-7209.5	1722	10.1	215707.0	-7230.0	2	9.3	00414.0	-7350.0	92	9.2	21027.0	-7316.0
1633	9.1	203143.0	-7253.0	1723	10.2	215753.0	-7210.0	3	6.7	00433.0	-7355.5	93	9.3	21855.0	-7324.0
1634	9.8	203208.0	-7226.0	1724	8.5	220000.0	-7253.0	4	9.7	00515.0	-7318.5	94	9.1	21912.0	-7331.0
1635	9.0	203233.0	-7248.5	1725	10.0	220016.0	-7248.0	5	9.8	00538.0	-7350.0	95	8.2	21940.0	-7353.0
1636	8.5	203323.0	-7224.0	1726	7.8	220019.0	-7235.5	6	10.2	00648.0	-7347.5	96	10.0	22003.0	-7346.0
1637	9.4	203332.0	-7209.5	1727	10.0	220219.0	-7209.5	7	10.0	01137.0	-7307.5	97	8.9	22019.0	-7355.0
1638	9.7	203431.0	-7218.5	1728	9.5	220309.0	-7207.0	8	10.0	01357.0	-7338.5	98	10.2	22048.0	-7346.0
1639	7.7	203543.0	-7240.0	1729	9.4	220324.0	-7213.5	9	9.4	01410.0	-7329.5	99	9.6	22119.0	-7318.0

100	10.0	22149.0 -7317.0	190	10.0	43349.0 -7330.5	280	9.7	60059.0 -7334.0	370	10.0	73140.0 -7307.0
101	9.4	22238.0 -7307.5	191	10.0	43426.0 -7300.0	281	10.0	60111.0 -7326.0	371	9.0	73153.0 -7306.5
102	9.7	22240.0 -7344.5	192	10.0	43439.0 -7348.0	282	9.7	60856.0 -7341.0	372	9.7	73410.0 -7301.5
103	9.5	22618.0 -7319.5	193	9.9	43457.0 -7321.0	283	10.0	60916.0 -7300.5	373	10.0	73548.0 -7317.0
104	10.2	22650.0 -7306.0	194	9.8	43544.0 -7355.5	284	8.8	61216.0 -7333.5	374	10.0	73654.0 -7303.0
105	9.2	22802.0 -7305.5	195	10.0	43623.0 -7316.5	285	10.0	61221.0 -7357.0	375	6.4	73756.0 -7359.5
106	10.0	22814.0 -7338.0	196	6.7	43633.0 -7327.5	286	9.6	61417.0 -7334.0	376	9.2	73926.0 -7325.5
107	10.2	22828.0 -7335.0	197	10.0	43945.0 -7345.0	287	6.8	61746.0 -7335.0	377	10.0	73946.0 -7311.0
108	9.0	22900.0 -7348.5	198	10.0	44043.0 -7300.0	288	9.2	61810.0 -7324.5	378	10.0	74134.0 -7325.0
109	10.0	22947.0 -7323.5	199	10.2	44145.0 -7319.0	289	9.7	61818.0 -7322.5	379	10.0	74216.0 -7340.0
110	8.5	23211.0 -7314.5	200	9.9	44409.0 -7318.0	290	9.7	61822.0 -7347.5	380	10.2	74231.0 -7304.0
111	10.0	23213.0 -7341.0	201	8.3	44413.0 -7346.0	291	10.0	61835.0 -7312.0	381	10.0	74506.0 -7315.0
112	8.2	23239.0 -7313.0	202	9.8	44454.0 -7322.0	292	9.5	61843.0 -7310.0	382	10.2	74549.0 -7304.0
113	10.0	23545.0 -7302.0	203	9.6	44552.0 -7332.0	293	10.0	61909.0 -7326.0	383	8.5	74605.0 -7357.0
114	8.5	23626.0 -7313.0	204	9.5	44553.0 -7314.0	294	10.0	62000.0 -7322.0	384	9.8	74623.0 -7344.0
115	10.0	23732.0 -7359.5	205	9.9	44656.0 -7316.0	295	10.1	62014.0 -7304.0	385	10.2	74708.0 -7343.0
116	8.3	23746.0 -7324.5	206	9.2	44719.0 -7303.0	296	10.0	62025.0 -7309.0	386	9.0	74710.0 -7332.0
117	10.0	23915.0 -7355.0	207	10.0	44803.0 -7300.5	297	10.0	62032.0 -7356.0	387	9.7	74723.0 -7306.0
118	9.6	24037.0 -7358.0	208	9.7	44916.0 -7313.5	298	9.9	62050.0 -7340.0	388	8.0	74905.0 -7346.5
119	9.5	24200.0 -7320.0	209	9.5	44927.0 -7354.5	299	8.3	62145.0 -7318.0	389	10.0	75223.0 -7308.5
120	9.8	24422.0 -7318.0	210	10.0	44939.0 -7312.5	300	9.2	62202.0 -7344.0	390	9.5	75439.0 -7353.0
121	10.0	24447.0 -7347.5	211	9.5	45130.0 -7310.5	301	9.0	62220.0 -7301.5	391	10.0	75645.0 -7354.5
122	8.8	24625.0 -7327.0	212	8.0	45420.0 -7312.5	302	10.0	62322.0 -7345.0	392	9.8	75645.0 -7344.5
123	10.2	24707.0 -7346.0	213	9.0	45430.0 -7349.0	303	10.0	62325.0 -7353.0	393	9.2	75720.0 -7348.0
124	9.3	24819.0 -7300.5	214	9.3	45447.0 -7355.0	304	9.5	62525.0 -7316.5	394	10.0	75834.0 -7316.0
125	8.5	24912.0 -7317.0	215	9.2	45645.0 -7344.0	305	9.8	62718.0 -7303.0	395	9.0	75935.0 -7308.0
126	10.0	25325.0 -7315.0	216	8.3	45815.0 -7357.0	306	9.8	62724.0 -7329.0	396	8.5	80317.0 -7351.0
127	8.4	25430.0 -7357.5	217	10.0	45927.0 -7307.0	307	9.5	62850.0 -7347.0	397	10.0	80321.0 -7328.0
128	10.0	25639.0 -7359.5	218	9.1	50203.0 -7315.5	308	9.8	62905.0 -7325.5	398	9.5	80450.0 -7346.0
129	8.8	25752.0 -7303.0	219	6.4	50842.0 -7312.0	309	9.5	62957.0 -7308.5	399	9.3	80851.0 -7357.5
130	9.9	25920.0 -7339.0	220	9.6	50843.0 -7302.0	310	9.9	63004.0 -7322.5	400	9.5	80907.0 -7348.5
131	9.2	30326.0 -7339.5	221	8.5	50851.0 -7345.0	311	10.0	63133.0 -7325.5	401	8.9	80928.0 -7306.5
132	9.7	30510.0 -7353.0	222	9.9	50852.0 -7339.0	312	10.0	63140.0 -7314.5	402	9.5	81039.0 -7345.5
133	7.5	30553.0 -7357.0	223	10.0	51248.0 -7342.0	313	9.5	63215.0 -7329.0	403	10.0	81144.0 -7327.0
134	9.1	30620.0 -7306.0	224	9.8	51437.0 -7343.0	314	8.0	63605.0 -7339.0	404	9.9	81419.0 -7356.0
135	9.9	30743.0 -7327.0	225	9.5	51530.0 -7331.0	315	10.0	63645.0 -7304.0	405	6.7	81612.0 -7325.0
136	9.3	31210.0 -7354.0	226	10.0	51545.0 -7348.0	316	9.1	63839.0 -7328.0	406	9.9	81656.0 -7300.5
137	10.0	31248.0 -7327.0	227	10.0	51550.0 -7328.0	317	10.0	63902.0 -7307.0	407	8.5	81716.0 -7350.5
138	9.8	31339.0 -7300.5	228	9.8	51653.0 -7352.5	318	9.2	63945.0 -7346.0	408	9.3	81850.0 -7326.0
139	9.3	31856.0 -7317.5	229	10.0	51730.0 -7352.0	319	10.0	64008.0 -7345.5	409	10.0	81908.0 -7335.0
140	8.7	31913.0 -7331.0	230	6.6	51819.0 -7343.0	320	9.5	64033.0 -7305.5	410	10.2	81959.0 -7306.5
141	9.7	31915.0 -7300.5	231	9.5	51858.0 -7346.5	321	10.0	64041.0 -7330.5	411	10.0	82015.0 -7306.5
142	10.0	32038.0 -7306.5	232	7.2	52540.0 -7355.0	322	10.0	64120.0 -7326.5	412	9.3	82047.0 -7310.5
143	9.5	32045.0 -7344.5	233	9.5	52750.0 -7328.5	323	10.0	64127.0 -7335.0	413	10.0	82139.0 -7329.0
144	9.7	32402.0 -7341.5	234	9.5	52756.0 -7358.5	324	10.0	64409.0 -7351.0	414	9.5	82143.0 -7303.0
145	8.5	32437.0 -7347.5	235	9.5	52830.0 -7314.0	325	10.0	64410.0 -7334.0	415	9.8	82404.0 -7339.0
146	9.2	32513.0 -7355.5	236	10.0	52830.0 -7300.5	326	10.1	64804.0 -7318.0	416	9.5	82449.0 -7329.0
147	10.0	32632.0 -7322.0	237	10.0	52844.0 -7314.0	327	9.8	64836.0 -7307.0	417	8.5	82504.0 -7345.5
148	9.1	32710.0 -7351.0	238	8.2	52916.0 -7303.0	328	10.0	65000.0 -7330.0	418	9.8	82642.0 -7327.0
149	10.0	32732.0 -7349.0	239	7.6	52940.0 -7346.0	329	10.2	65048.0 -7316.0	419	10.0	82708.0 -7304.5
150	10.0	32740.0 -7321.0	240	10.0	53220.0 -7302.0	330	9.5	65117.0 -7307.0	420	10.0	82730.0 -7314.5
151	8.5	32750.0 -7334.0	241	9.7	53251.0 -7333.0	331	8.0	65137.0 -7309.0	421	9.7	82845.0 -7308.0
152	8.3	32839.0 -7352.0	242	10.0	53258.0 -7351.0	332	9.5	65144.0 -7357.0	422	9.8	82920.0 -7333.0
153	8.3	32925.0 -7358.5	243	9.1	53318.0 -7331.5	333	9.4	65231.0 -7324.0	423	10.2	82930.0 -7327.0
154	10.0	33015.0 -7316.5	244	9.2	53445.0 -7342.5	334	9.7	65232.0 -7312.0	424	8.7	83037.0 -7357.0
155	9.5	33107.0 -7329.0	245	10.0	53717.0 -7355.0	335	9.1	65645.0 -7336.0	425	10.0	83039.0 -7351.0
156	9.2	33113.0 -7324.0	246	9.9	53748.0 -7315.0	336	10.0	65719.0 -7340.0	426	9.3	83126.0 -7303.0
157	9.8	33347.0 -7335.0	247	9.9	53752.0 -7318.0	337	9.9	65837.0 -7320.0	427	10.0	83200.0 -7329.5
158	10.0	33412.0 -7306.0	248	6.1	53753.0 -7349.0	338	10.0	65956.0 -7340.0	428	9.7	83202.0 -7359.5
159	8.1	33512.0 -7316.0	249	9.4	53850.0 -7330.0	339	9.4	70003.0 -7331.5	429	9.7	83259.0 -7309.5
160	10.0	33643.0 -7328.5	250	9.8	53850.0 -7318.0	340	10.0	70259.0 -7330.5	430	10.0	83300.0 -7304.5
161	9.7	33710.0 -7336.5	251	9.5	53851.0 -7324.0	341	7.8	70352.0 -7322.0	431	9.8	83440.0 -7351.0
162	8.4	33743.0 -7348.5	252	7.8	53912.0 -7303.0	342	8.2	70359.0 -7350.0	432	10.0	83657.0 -7324.0
163	10.0	34210.0 -7322.0	253	6.7	54007.0 -7346.0	343	10.0	70412.0 -7310.5	433	9.9	83740.0 -7324.0
164	9.2	34225.0 -7318.0	254	9.7	54020.0 -7311.0	344	9.9	70427.0 -7333.5	434	9.9	83743.0 -7325.5
165	9.2	34352.0 -7343.0	255	9.9	54200.0 -7339.0	345	9.5	70437.0 -7304.0	435	9.3	83756.0 -7349.5
166	10.0	34528.0 -7332.0	256	10.0	54330.0 -7323.0	346	10.0	70749.0 -7357.5	436	9.8	83830.0 -7306.0
167	10.1	35040.0 -7358.0	257	9.8	54426.0 -7321.0	347	9.7	71003.0 -7310.0	437	10.0	83834.0 -7333.0
168	9.8	35055.0 -7342.0	258	9.5	54450.0 -7328.5	348	10.0	71103.0 -7352.0	438	6.9	83936.0 -7338.0
169	10.0	35150.0 -7342.0	259	9.6	54538.0 -7318.5	349	9.8	71110.0 -7349.0	439	10.0	83937.0 -7341.0
170	9.5	35505.0 -7315.5	260	8.9	54645.0 -7335.5	350	9.7	71205.0 -7342.0	440	7.1	84217.0 -7309.5
171	10.0	35508.0 -7304.0	261	9.6	54750.0 -7310.5	351	10.0	71233.0 -7321.5	441	10.0	84225.0 -7342.0
172	9.3	35538.0 -7357.5	262	9.5	54831.0 -7338.0	352	10.0	71348.0 -7343.5	442	10.1	84400.0 -7341.0
173	9.2	35748.0 -7355.0	263	10.0	54900.0 -7356.0	353	9.4	71352.0 -7357.0	443	8.5	84456.0 -7350.5
174	8.3	40029.0 -7344.0	264	9.5	54910.0 -7326.0	354	10.0	71500.0 -7351.0	444	9.2	84529.0 -7315.0
175	9.8	40416.0 -7331.0	265	9.8	54940.0 -7356.0	355	9.5	71515.0 -7330.0	445	9.8	84601.0 -7306.0
176	9.0	40735.0 -7337.0	266	9.5	55023.0 -7331.0	356	8.4	71557.0 -7355.0	446	10.0	84930.0 -7340.0
177	9.8	40753.0 -7336.0	267	9.5	55026.0 -7331.0	357	9.3	71610.0 -7350.0	447	10.0	84930.0 -7359.0
178	7.6	41451.0 -7308.0	268	10.0	55102.0 -7355.0	358	8.5	71618.0 -7356.0	448	9.5	84942.0 -7338.0
179	9.8	41535.0 -7321.0	269	9.2	55212.0 -7339.0	359	9.9	71842.0 -7350.5	449	9.5	84950.0 -7316.0
180	10.0	41547.0 -7329.0	270	10.0	55246.0 -7305.0	360	8.9	72150.0 -7340.5	450	9.9	85040.0 -7324.0
181	9.4	41558.0 -7346.0	271	9.9	55745.0 -7317.5	361	8.5	72235.0 -7354.0	451	10.0	85050.0 -7352.5
182	10.0	41608.0 -7332.0	272	9.5	55753.0 -7345.5	362	10.0	72306.0 -7300.5	452	10.0	85120.0 -7357.0
183	9.2	41636.0 -7357.0	273	8.6	55800.0 -7309.5	363	9.6	72440.0 -7325.0	453	8.7	85143.0 -7337.0
184	9.6	41657.0 -7316.0	274	9.0	55836.0 -7338.5	364	8.9	72530.0 -7340.5	454	9.5	85153.0 -7329.0
185	10.0	42035.0 -7344.0	275	10.0	55910.0 -7339.5	365	9.4	72541.0 -7352.0	455	10.0	85242.0 -7331.0
186	10.0	42340.0 -7315.5	276	10.0	55953.0 -7321.0	366	10.0	72700.0 -7316.0	456	10.2	85502.0 -7343.5
187	9.7	42720.0 -7323.5	277	9.2	60015.0 -7336.0	367	10.2	72706.0 -7327.5	457	8.2	85514.0 -7333.5
188	9.0	42735.0 -7336.0	278	9.7	60038.0 -7346.0	368	9.8	72745.0 -7329.0	458	7.2	85723.0 -7326.5
189	9.3	43224.0 -7340.5	279	10.2	60054.0 -7322.0	369	9.9	73018.0 -7343.0	459	9.7	85850.0 -7340.5

460	7.1	90037.0	-7354.5	550	10.0	100140.0	-7319.5	640	9.4	110730.0	-7344.0
461	8.5	90038.0	-7320.0	551	9.9	100316.0	-7346.5	641	8.1	110804.0	-7332.0
462	10.0	90202.0	-7305.0	552	9.2	100425.0	-7330.0	642	9.2	110832.0	-7321.0
463	8.4	90224.0	-7341.5	553	9.6	100434.0	-7321.0	643	10.1	110948.0	-7341.0
464	10.0	90232.0	-7305.5	554	10.0	100640.0	-7316.0	644	9.5	111035.0	-7302.0
465	10.2	90250.0	-7301.5	555	10.1	100720.0	-7317.5	645	10.0	111105.0	-7358.5
466	9.0	90305.0	-7310.0	556	9.7	100759.0	-7358.5	646	10.0	111226.0	-7340.0
467	9.2	90310.0	-7335.0	557	10.0	100840.0	-7300.5	647	8.5	111342.0	-7329.5
468	9.5	90342.0	-7350.0	558	8.9	100941.0	-7350.5	648	7.7	111409.0	-7330.5
469	8.3	90407.0	-7336.0	559	10.0	101142.0	-7316.5	649	10.0	111413.0	-7359.5
470	10.0	90434.0	-7335.0	560	10.0	101148.0	-7327.5	650	9.7	111457.0	-7313.5
471	10.0	90455.0	-7306.5	561	9.6	101203.0	-7345.0	651	8.4	111458.0	-7319.0
472	10.0	90512.0	-7307.0	562	9.9	101248.0	-7353.5	652	8.5	111626.0	-7346.5
473	9.8	90634.0	-7353.0	563	9.3	101448.0	-7348.0	653	9.0	111630.0	-7304.5
474	9.6	90751.0	-7329.0	564	9.8	101525.0	-7349.0	654	10.0	111801.0	-7323.0
475	10.0	90833.0	-7334.0	565	9.0	101533.0	-7316.0	655	10.0	111805.0	-7313.0
476	9.6	90836.0	-7313.0	566	9.7	101642.0	-7324.5	656	9.7	111810.0	-7344.0
477	9.8	90850.0	-7357.5	567	9.9	101724.0	-7356.0	657	9.6	111816.0	-7335.5
478	10.0	91010.0	-7348.5	568	9.9	101754.0	-7321.0	658	9.4	111849.0	-7302.0
479	8.5	91140.0	-7312.5	569	10.0	101843.0	-7320.0	659	9.8	111935.0	-7326.0
480	9.5	91248.0	-7329.0	570	10.0	101852.0	-7309.0	660	9.9	111936.0	-7359.5
481	10.0	91255.0	-7326.0	571	9.6	102034.0	-7305.0	661	9.2	111948.0	-7354.5
482	9.8	91343.0	-7315.0	572	10.0	102037.0	-7330.0	662	10.0	112014.0	-7328.5
483	9.5	91415.0	-7338.5	573	10.0	102148.0	-7347.0	663	10.0	112017.0	-7332.0
484	10.0	91623.0	-7346.5	574	10.0	102151.0	-7306.5	664	8.6	112048.0	-7318.0
485	9.9	91642.0	-7317.0	575	10.2	102153.0	-7356.0	665	9.1	112108.0	-7308.0
486	9.8	91646.0	-7345.0	576	4.4	102155.0	-7323.5	666	10.0	112146.0	-7309.0
487	9.9	91710.0	-7326.0	577	6.6	102216.0	-7320.0	667	9.5	112156.0	-7308.0
488	9.0	91730.0	-7318.5	578	10.0	102243.0	-7330.0	668	8.8	112237.0	-7332.0
489	9.5	91838.0	-7319.0	579	10.0	102256.0	-7330.5	669	10.0	112243.0	-7330.0
490	9.3	91850.0	-7318.8	580	9.9	102301.0	-7343.0	670	10.0	112254.0	-7302.0
491	9.5	91915.0	-7322.5	581	10.0	102427.0	-7314.0	671	9.1	112423.0	-7350.0
492	10.0	91921.0	-7315.5	582	10.0	102608.0	-7328.0	672	9.4	112525.0	-7355.0
493	10.0	91942.0	-7330.5	583	10.0	102716.0	-7351.0	673	10.0	112603.0	-7301.0
494	7.8	91955.0	-7304.5	584	9.8	102727.0	-7354.0	674	7.2	112641.0	-7313.0
495	9.8	92026.0	-7341.5	585	9.7	102940.0	-7305.0	675	10.0	112810.0	-7312.0
496	8.5	92138.0	-7300.5	586	9.2	102944.0	-7326.0	676	9.4	112858.0	-7347.5
497	8.8	92208.0	-7323.0	587	10.0	103036.0	-7333.5	677	10.0	112923.0	-7338.5
498	9.8	92309.0	-7331.0	588	10.1	103038.0	-7335.5	678	10.0	113016.0	-7326.0
499	10.0	92333.0	-7350.5	589	10.0	103043.0	-7321.5	679	10.1	113043.0	-7333.0
500	10.2	92358.0	-7326.5	590	10.0	103210.0	-7343.5	680	9.0	113142.0	-7321.0
501	10.2	92420.0	-7327.5	591	9.9	103236.0	-7346.5	681	9.1	113351.0	-7307.5
502	9.2	92430.0	-7353.5	592	10.0	103239.0	-7329.5	682	10.0	113557.0	-7305.5
503	9.0	92556.0	-7312.0	593	9.2	103242.0	-7357.0	683	10.0	113630.0	-7310.5
504	9.5	92615.0	-7341.0	594	10.0	103331.0	-7313.0	684	10.0	113646.0	-7355.5
505	10.0	92735.0	-7352.0	595	9.8	103427.0	-7312.0	685	9.5	113658.0	-7310.0
506	9.4	92752.0	-7335.0	596	10.0	103527.0	-7310.0	686	9.5	113907.0	-7305.0
507	9.8	92816.0	-7301.0	597	10.1	103544.0	-7359.0	687	8.0	113911.0	-7315.0
508	8.2	92913.0	-7306.0	598	6.7	103622.0	-7350.5	688	9.4	113921.0	-7322.0
509	8.4	93028.0	-7336.0	599	9.7	103739.0	-7357.5	689	10.0	113923.0	-7301.0
510	10.0	93035.0	-7309.0	600	8.9	103752.0	-7322.0	690	9.2	113943.0	-7333.0
511	8.2	93044.0	-7311.5	601	10.0	103810.0	-7334.0	691	10.0	113946.0	-7313.0
512	8.6	93052.0	-7336.0	602	10.0	104010.0	-7356.0	692	10.0	114104.0	-7302.0
513	10.0	93126.0	-7355.0	603	10.0	104022.0	-7315.0	693	10.0	114235.0	-7312.5
514	9.9	93405.0	-7307.0	604	9.8	104024.0	-7330.0	694	9.9	114248.0	-7356.5
515	9.9	93411.0	-7325.0	605	9.8	104239.0	-7307.5	695	10.0	114434.0	-7307.0
516	10.0	93428.0	-7336.0	606	10.0	104248.0	-7356.5	696	10.0	114444.0	-7350.0
517	10.0	93534.0	-7346.5	607	9.7	104317.0	-7310.0	697	10.0	114556.0	-7348.0
518	10.0	93557.0	-7352.5	608	9.5	104340.0	-7347.0	698	9.0	114721.0	-7317.0
519	10.0	93612.0	-7350.5	609	10.0	104349.0	-7325.0	699	8.8	114726.0	-7350.5
520	10.0	93725.0	-7317.0	610	9.9	104517.0	-7331.0	700	10.0	114808.0	-7310.5
521	10.0	93730.0	-7304.0	611	10.0	104550.0	-7310.0	701	8.9	114840.0	-7331.5
522	10.0	93935.0	-7317.5	612	10.0	104635.0	-7333.0	702	10.0	114955.0	-7306.0
523	9.6	93945.0	-7314.0	613	9.7	104647.0	-7355.0	703	9.8	115000.0	-7344.0
524	9.8	94113.0	-7348.0	614	9.4	104759.0	-7356.0	704	10.0	115010.0	-7301.0
525	10.0	94126.0	-7345.0	615	9.0	104807.0	-7346.5	705	9.5	115205.0	-7321.0
526	8.8	94252.0	-7358.0	616	10.0	104852.0	-7335.5	706	9.6	115232.0	-7355.0
527	10.0	94313.0	-7314.5	617	8.7	104853.0	-7304.0	707	9.9	115240.0	-7306.0
528	8.2	94326.0	-7319.5	618	10.0	104905.0	-7339.0	708	8.1	115250.0	-7319.0
529	9.0	94408.0	-7359.0	619	9.9	105020.0	-7317.0	709	10.0	115500.0	-7322.0
530	7.8	94458.0	-7332.0	620	10.0	105250.0	-7314.0	710	9.9	115510.0	-7342.0
531	10.0	94512.0	-7343.0	621	9.5	105253.0	-7357.0	711	9.5	115524.0	-7325.0
532	9.7	94522.0	-7300.0	622	10.2	105258.0	-7342.0	712	10.0	115610.0	-7354.0
533	10.0	94531.0	-7324.0	623	10.0	105640.0	-7314.5	713	9.1	115615.0	-7356.5
534	9.7	94531.0	-7329.5	624	10.0	105758.0	-7311.0	714	7.0	115720.0	-7331.0
535	9.9	94532.0	-7352.0	625	10.0	105805.0	-7324.0	715	9.6	115725.0	-7311.5
536	10.0	94730.0	-7300.0	626	10.1	105807.0	-7334.0	716	9.8	115812.0	-7359.0
537	9.0	94744.0	-7319.0	627	10.0	105829.0	-7318.0	717	10.0	115825.0	-7355.0
538	8.2	94855.0	-7337.0	628	9.2	105846.0	-7328.5	718	10.0	115845.0	-7324.0
539	10.0	95010.0	-7354.0	629	8.0	110004.0	-7334.5	719	9.0	120024.0	-7357.5
540	9.0	95107.0	-7329.5	630	9.7	110017.0	-7358.5	720	9.6	120058.0	-7304.5
541	9.2	95257.0	-7316.5	631	9.5	110047.0	-7323.0	721	9.8	120107.0	-7340.5
542	9.3	95355.0	-7301.5	632	9.8	110047.0	-7334.0	722	10.0	120308.0	-7334.0
543	10.0	95512.0	-7345.0	633	9.8	110225.0	-7352.0	723	10.0	120320.0	-7339.5
544	10.0	95516.0	-7334.0	634	10.0	110405.0	-7321.0	724	10.0	120321.0	-7310.5
545	9.9	95550.0	-7304.0	635	8.8	110414.0	-7318.0	725	9.7	120526.0	-7322.5
546	10.0	95948.0	-7322.0	636	10.0	110458.0	-7342.0	726	10.0	120530.0	-7329.5
547	9.6	100018.0	-7327.0	637	10.0	110628.0	-7319.0	727	10.0	120555.0	-7341.0
548	9.8	100053.0	-7300.5	638	7.8	110705.0	-7347.0	728	10.0	120558.0	-7314.0
549	9.8	100103.0	-7329.5	639	10.0	110710.0	-7331.0	729	9.9	120633.0	-7322.0
730	9.9	120635.0	-7325.0
731	9.5	120637.0	-7313.0
732	10.1	120642.0	-7302.5
733	9.8	120645.0	-7322.0
734	9.8	120654.0	-7304.0
735	9.0	120658.0	-7316.0
736	9.7	120730.0	-7322.0
737	9.6	120732.0	-7312.0
738	10.0	120852.0	-7349.0
739	10.0	120922.0	-7348.0
740	7.8	121000.0	-7327.0
741	10.0	121125.0	-7315.0
742	10.0	121150.0	-7318.0
743	10.0	121338.0	-7334.0
744	9.6	121540.0	-7310.5
745	9.6	121548.0	-7317.5
746	9.5	121706.0	-7308.0
747	9.8	121738.0	-7356.5
748	10.0	121826.0	-7345.0
749	9.8	121835.0	-7343.0
750	9.2	121837.0	-7330.0
751	9.9	121957.0	-7330.5
752	10.0	122109.0	-7304.6
753	9.9	122219.0	-7305.5
754	10.0	122228.0	-7331.0
755	9.8	122436.0	-7357.0
756	9.5	122505.0	-7358.0
757	10.0	122520.0	-7348.0
758	10.0	122541.0	-7315.0
759	9.6	122610.0	-7316.0
760	9.6	122650.0	-7325.0
761	9.7	122800.0	-7345.0
762	9.9	122830.0	-7330.0
763	9.7	122846.0	-7352.5
764	9.6	122855.0	-7326.0
765	9.8	122858.0	-7306.0
766	10.0	122920.0	-7354.0
767	10.0	122943.0	-7312.5
768	10.0	122948.0	-7320.5
769	10.0	123000.0	-7357.5
770	10.0	123000.0	-7315.0
771	10.0	123014.0	-7324.0
772	9.2	123116.0	-7353.0
773	8.4	123133.0	-7359.5
774	10.0	123138.0	-7314.5
775	8.5	123158.0	-7334.0
776	9.1	123325.0	-7338.0
777	8.9	123354.0	-7332.0
778	10.0	123406.0	-7355.0
779	10.1	123550.0	-7348.0
780	9.3	123550.0	-7355.0
781	9.4	123621.0	-7301.0
782	9.4	123631.0	-7349.0
783	8.2	123720.0	-7307.0
784	9.3	123728.0	-7316.0
785	10.0	123735.0	-7334.0
786	7.8	123929.0	-7308.0
787	10.0	123943.0	-7307.5
788	9.8	124010.0	-7338.0
789	9.2	124015.0	-7326.0
790	10.0	124247.0	-7340.0
791	10.0	124256.0	-7321.5
792	9.5	124303.0	-7311.0
793	10.0	124303.0	-7324.0
794	9.9	124303.0	-7346.5
795	8.0	124343.0	-7314.5
796	9.2	124345.0	-7326.5
797	9.9	124352.0	-7331.0
798	10.0	124353.0	-7320.0
799	9.8	124406.0	-7330.0
800	10.0	124446.0	-7338.5
801	9.7	124501.0	-7339.0
802	10.2	124604.0	-7337.5
803	9.4	124652.0	-7337.0
804	7.8	124654.0	-7317.5
805	8.9	124753.0	-7349.0
806	10.0	124845.0	-7301.0
807	8.9	124922.0	-7312.0
808	9.8	124927.0	-7306.0
809	9.2	125015.0	-7337.0
810	9.5	125033.0	-7334.5
811	9.6	125040.0	-7355.0
812	9.6	125250.0	-7345.5
813	9.9	125328.0	-7301.5
814	9.6	125433.0	-7316.0
815	10.0	125452.0	-7304.0
816	10.0	125525.0	-7331.0
817	10.0	125608.0	-7319.0
818	10.0	125841.0	-7350.5
819	10.0	125842.0	-7359.5

820	10.0	125910.0	-7309.5	910	8.8	134549.0	-7358.0	1000	7.8	143151.0	-7326.0
821	9.9	130107.0	-7309.5	911	9.3	134555.0	-7353.5	1001	9.5	143159.0	-7320.5
822	9.9	130116.0	-7308.5	912	10.0	134604.0	-7354.0	1002	10.0	143201.0	-7352.0
823	10.0	130127.0	-7324.5	913	10.0	134608.0	-7312.0	1003	8.7	143248.0	-7331.0
824	9.5	130204.0	-7350.0	914	9.5	134611.0	-7312.3	1004	9.5	143250.0	-7304.5
825	10.0	130243.0	-7305.0	915	10.0	134727.0	-7350.0	1005	9.3	143258.0	-7330.0
826	10.0	130259.0	-7347.0	916	8.4	134735.0	-7301.5	1006	9.9	143324.0	-7343.0
827	10.0	130346.0	-7358.0	917	10.0	134742.0	-7311.5	1007	8.8	143655.0	-7324.0
828	8.3	130427.0	-7321.0	918	9.8	134802.0	-7321.0	1008	10.0	143903.0	-7314.0
829	10.0	130456.0	-7359.0	919	9.8	134847.0	-7322.0	1009	10.0	143908.0	-7313.0
830	10.0	130500.0	-7344.0	920	9.2	134929.0	-7305.0	1010	10.0	143922.0	-7333.5
831	8.5	130507.0	-7313.5	921	10.0	135037.0	-7337.0	1011	10.0	143947.0	-7326.0
832	8.0	130530.0	-7324.5	922	9.8	135049.0	-7352.0	1012	9.0	144002.0	-7341.5
833	9.0	130533.0	-7358.0	923	10.0	135140.0	-7347.5	1013	10.0	144030.0	-7321.0
834	9.5	130627.0	-7336.0	924	10.0	135142.0	-7346.5	1014	10.0	144041.0	-7312.5
835	10.0	130636.0	-7310.0	925	10.0	135456.0	-7318.0	1015	10.0	144120.0	-7330.0
836	10.0	130654.0	-7323.0	926	9.7	135535.0	-7314.0	1016	10.0	144123.0	-7325.0
837	10.0	130706.0	-7332.5	927	8.5	135554.0	-7353.0	1017	9.8	144245.0	-7329.0
838	10.0	130708.0	-7358.0	928	9.4	135557.0	-7313.0	1018	8.5	144300.0	-7354.0
839	10.0	130709.0	-7334.0	929	10.0	135617.0	-7330.0	1019	8.2	144303.0	-7314.0
840	10.0	130722.0	-7316.5	930	10.0	135710.0	-7326.0	1020	10.0	144328.0	-7340.5
841	10.0	130812.0	-7341.0	931	9.2	135841.0	-7351.0	1021	10.0	144329.0	-7336.0
842	10.0	130831.0	-7359.5	932	10.0	135929.0	-7303.5	1022	9.7	144335.0	-7301.0
843	10.0	130927.0	-7321.0	933	8.9	135951.0	-7332.0	1023	9.0	144404.0	-7323.0
844	9.0	131003.0	-7309.5	934	9.7	135954.0	-7349.0	1024	10.0	144410.0	-7322.0
845	9.9	131016.0	-7307.5	935	9.5	140215.0	-7321.0	1025	9.8	144423.0	-7324.0
846	10.0	131105.0	-7324.5	936	10.0	140230.0	-7342.0	1026	10.0	144425.0	-7359.0
847	10.0	131123.0	-7358.0	937	8.9	140245.0	-7307.0	1027	9.8	144523.0	-7350.0
848	8.5	131140.0	-7347.0	938	10.0	140258.0	-7337.0	1028	10.0	144534.0	-7336.0
849	10.0	131203.0	-7304.0	939	9.8	140340.0	-7315.5	1029	9.5	144643.0	-7340.0
850	10.0	131207.0	-7307.0	940	9.8	140438.0	-7340.0	1030	8.3	144700.0	-7317.0
851	10.0	131325.0	-7340.5	941	9.7	140439.0	-7308.0	1031	8.2	144720.0	-7302.0
852	10.0	131350.0	-7316.0	942	10.0	140520.0	-7351.0	1032	8.0	144726.0	-7344.0
853	8.8	131400.0	-7308.5	943	10.0	140537.0	-7328.0	1033	8.4	144741.0	-7310.0
854	9.9	131405.0	-7342.0	944	9.2	140544.0	-7306.0	1034	9.5	144745.0	-7359.5
855	9.9	131425.0	-7304.5	945	9.1	140628.0	-7326.0	1035	9.8	144800.0	-7315.5
856	8.9	131620.0	-7340.5	946	9.8	140648.0	-7348.0	1036	8.6	144803.0	-7317.5
857	9.8	131653.0	-7345.0	947	10.0	140724.0	-7305.0	1037	10.0	144817.0	-7319.5
858	8.2	131703.0	-7332.0	948	8.2	140735.0	-7356.0	1038	10.0	144942.0	-7337.0
859	10.0	131826.0	-7354.0	949	9.8	140809.0	-7320.5	1039	9.8	145006.0	-7355.0
860	9.8	131829.0	-7347.5	950	6.6	140819.0	-7323.5	1040	10.0	145015.0	-7320.0
861	9.9	131850.0	-7309.5	951	9.1	140955.0	-7321.5	1041	10.0	145052.0	-7355.0
862	10.0	131903.0	-7336.0	952	9.1	141006.0	-7339.0	1042	9.2	145102.0	-7333.0
863	9.3	132034.0	-7320.0	953	9.6	141124.0	-7326.5	1043	9.0	145208.0	-7322.5
864	10.0	132042.0	-7343.5	954	8.5	141143.0	-7336.0	1044	8.9	145223.0	-7323.5
865	9.8	132047.0	-7347.5	955	10.0	141156.0	-7346.0	1045	10.0	145233.0	-7336.0
866	9.5	132049.0	-7308.0	956	8.3	141219.0	-7330.0	1046	9.8	145306.0	-7310.0
867	10.0	132133.0	-7327.0	957	10.0	141235.0	-7313.0	1047	10.0	145328.0	-7356.0
868	9.8	132134.0	-7305.0	958	10.0	141239.0	-7312.5	1048	8.8	145337.0	-7344.0
869	8.3	132215.0	-7311.0	959	8.0	141503.0	-7351.0	1049	10.0	145402.0	-7346.0
870	8.7	132223.0	-7358.0	960	8.9	141542.0	-7315.5	1050	9.4	145444.0	-7319.5
871	10.0	132305.0	-7318.5	961	10.0	141634.0	-7307.5	1051	10.0	145512.0	-7319.5
872	10.0	132317.0	-7328.5	962	9.8	141638.0	-7300.5	1052	10.0	145618.0	-7324.5
873	10.0	132349.0	-7319.5	963	10.0	141641.0	-7300.0	1053	10.0	145629.0	-7344.5
874	8.0	132406.0	-7355.0	964	10.0	141713.0	-7345.0	1054	9.0	145709.0	-7357.0
875	9.4	132503.0	-7357.0	965	9.6	141725.0	-7324.5	1055	10.0	145718.0	-7337.0
876	9.4	132513.0	-7359.5	966	9.2	141741.0	-7357.0	1056	9.3	145720.0	-7334.0
877	9.8	132520.0	-7323.0	967	9.3	141753.0	-7334.0	1057	9.0	145720.0	-7355.5
878	10.0	132536.0	-7322.0	968	9.7	141816.0	-7351.0	1058	9.8	145731.0	-7357.5
879	9.6	132605.0	-7340.0	969	9.8	141821.0	-7335.0	1059	8.6	145750.0	-7323.0
880	9.8	132638.0	-7329.0	970	10.0	141838.0	-7305.0	1060	9.5	145940.0	-7351.5
881	10.0	132810.0	-7318.0	971	9.9	141912.0	-7338.0	1061	9.7	150258.0	-7322.5
882	9.9	132844.0	-7318.3	972	9.5	141922.0	-7304.0	1062	9.9	150325.0	-7305.0
883	10.0	132925.0	-7328.5	973	7.7	141928.0	-7350.0	1063	10.0	150350.0	-7349.5
884	10.0	132944.0	-7306.5	974	8.2	142147.0	-7313.5	1064	8.5	150353.0	-7312.5
885	9.0	133000.0	-7326.5	975	10.0	142217.0	-7343.5	1065	10.0	150414.0	-7302.0
886	9.8	133101.0	-7323.5	976	8.8	142257.0	-7344.5	1066	9.5	150415.0	-7337.0
887	9.7	133300.0	-7342.0	977	6.9	142327.0	-7308.5	1067	9.3	150422.0	-7315.0
888	10.0	133318.0	-7302.0	978	9.7	142441.0	-7318.5	1068	8.3	150459.0	-7341.5
889	9.8	133353.0	-7358.0	979	9.7	142501.0	-7316.0	1069	10.0	150556.0	-7309.0
890	7.3	133402.0	-7300.5	980	9.5	142508.0	-7318.0	1070	9.0	150655.0	-7333.0
891	9.5	133525.0	-7301.0	981	9.9	142512.0	-7355.0	1071	10.0	150730.0	-7329.0
892	9.5	133538.0	-7320.5	982	9.9	142524.0	-7332.0	1072	10.0	150827.0	-7331.0
893	9.2	133550.0	-7317.0	983	9.7	142632.0	-7328.0	1073	6.6	150843.0	-7356.5
894	10.0	133628.0	-7350.0	984	9.0	142649.0	-7324.0	1074	9.4	150854.0	-7309.0
895	9.9	133712.0	-7355.0	985	10.0	142712.0	-7310.0	1075	9.7	150857.0	-7356.0
896	9.6	133726.0	-7335.0	986	10.0	142718.0	-7327.0	1076	10.0	150905.0	-7307.0
897	9.5	133744.0	-7330.5	987	10.0	142720.0	-7349.0	1077	10.0	150905.0	-7317.0
898	9.7	133753.0	-7319.0	988	8.5	142810.0	-7306.5	1078	9.2	150920.0	-7318.0
899	10.0	133825.0	-7336.0	989	8.5	142843.0	-7316.5	1079	10.0	150950.0	-7334.0
900	8.5	133936.0	-7334.0	990	9.8	142901.0	-7316.5	1080	8.7	150955.0	-7338.0
901	9.9	134126.0	-7350.5	991	9.7	142914.0	-7315.5	1081	10.0	151002.0	-7352.0
902	9.5	134233.0	-7340.0	992	9.9	142918.0	-7327.5	1082	8.5	151009.0	-7344.0
903	9.8	134247.0	-7347.5	993	9.7	142956.0	-7331.5	1083	10.0	151122.0	-7325.0
904	8.9	134315.0	-7323.0	994	8.2	143009.0	-7346.5	1084	9.5	151147.0	-7337.0
905	9.8	134348.0	-7319.0	995	8.9	143022.0	-7330.0	1085	10.0	151159.0	-7342.0
906	10.0	134402.0	-7341.5	996	8.5	143031.0	-7334.5	1086	9.4	151302.0	-7303.5
907	8.9	134505.0	-7304.0	997	9.8	143032.0	-7317.0	1087	10.0	151319.0	-7352.0
908	9.9	134517.0	-7333.0	998	9.2	143134.0	-7337.0	1088	8.8	151350.0	-7324.0
909	10.0	134543.0	-7348.0	999	10.0	143136.0	-7353.0	1089	10.0	151355.0	-7326.0
1090	9.8	151431.0	-7343.0								
1091	9.7	151457.0	-7313.0								
1092	10.0	151520.0	-7335.0								
1093	9.2	151532.0	-7301.0								
1094	8.3	151545.0	-7342.0								
1095	10.0	151607.0	-7342.5								
1096	10.0	151649.0	-7307.5								
1097	8.5	151650.0	-7334.0								
1098	9.5	151708.0	-7341.0								
1099	9.1	151709.0	-7321.0								
1100	9.6	151718.0	-7338.0								
1101	9.6	151738.0	-7339.0								
1102	10.0	151846.0	-7322.0								
1103	8.5	151906.0	-7354.5								
1104	8.0	151935.0	-7306.5								
1105	10.0	151941.0	-7331.5								
1106	8.4	152010.0	-7341.5								
1107	9.5	152043.0	-7343.5								
1108	10.0	152059.0	-7328.0								
1109	10.0	152145.0	-7358.0								
1110	10.0	152213.0	-7337.0								
1111	7.7	152224.0	-7356.0								
1112	10.0	152343.0	-7307.5								
1113	9.8	152348.0	-7302.5								
1114	6.0	152632.0	-7302.0								
1115	7.9	152634.0	-7303.5								
1116	9.5	152700.0	-7314.0								
1117	10.1	152738.0	-7339.0								
1118	10.0	152758.0	-7302.0								
1119	8.5	152840.0	-7315.0								
1120	9.5	152925.0	-7332.0								
1121	9.9	152929.0	-7307.5								
1122	9.2	152932.0	-7339.0								
1123	9.8	153004.0	-7353.0								
1124	10.0	153058.0	-7340.0								
1125	10.0	153114.0	-7344.0								
1126	9.6	153203.0	-7335.0								
1127	10.0	153232.0	-7300.5								
1128	7.7	153253.0	-7338.5								
1129	10.0	153330.0	-7345.0								
1130	10.1	153354.0	-7359.0								
1131	9.3	153416.0	-7357.0								
1132	9.4	153457.0	-7352.0								
1133	10.0	153558.0	-7322.0								
1134	8.6	153609.0	-7336.0								
1135	9.9	153620.0	-7335.0								
1136	10.0	153628.0	-7358.5								
1137	10.0	153649.0	-7307.5								
1138	9.3	153652.0	-7357.5								
1139	9.9	153808.0	-7326.0								
1140	9.2	153818.0	-7313.0								
1141	9.4	153850.0	-7331.0								
1142	10.0	153920.0	-7329.5								
1143	9.5	153926.0	-7348.0								
1144	9.5	153944.0	-7312.0								
1145	8.7	154003.0	-7304.5								
1146	10.0	154035.0	-7300.5								
1147	10.0	154156.0	-7300.5								
1148	10.0	154222.0	-7302.0								
1149	10.0	154332.0	-7348.0								
1150	9.8	154445.0	-7303.0								
1151	10.0	154446.0	-7320.0								
1152	10.0	154527.0	-7313.5								
1153	10.0	154553.0	-7303.5								
1154	9.9	154600.0	-7307.5								
1155	8.4	154616.0	-7314.5								
1156	9.5	154622.0	-7342.0								
1157	9.6	154640.0	-7315.0								
1158	10.0	154728.0	-7321.0								
1159	6.8	154754.0	-7309.0								
1160	10.0	154759.0	-7325.0								
1161	8.0	154837.0	-7314.0								
1162	9.5	154900.0	-7346.5								
1163	9.9	155048.0	-7332.0								
1164	9.7	155120.0	-7304.0								
1165	8.5	155121.0	-7333.5								
1166	9.3	155332.0	-7358.0								
1167	8.5	155338.0	-7350.0								
1168	9.8	155400.0	-7328.5								
1169	10.0	155415.0	-7304.0								
1170	9.3	155456.0	-7352.0								
1171	8.9	155515.0	-7351.0								
1172	8.3	155540.0	-7338.0								
1173	10.0	155603.0	-7350.0								
1174	9.8	155620.0	-7303.0								
1175	9.7	155641.0	-7325.5								
1176	9.7	155659.0	-7356.5								
1177	9.8	155703.0	-7309.5								
1178	10.0	155706.0	-7301.0								
1179	9.9	155728.0	-7344.0								

1180	9.5	155743.0	-7318.5	1270	9.3	165720.0	-7322.0	1360	9.7	180707.0	-7310.0	1450	9.7	193459.0	-7331.0
1181	9.5	155846.0	-7326.5	1271	10.0	165738.0	-7347.5	1361	8.2	180737.0	-7304.0	1451	9.3	193500.0	-7356.0
1182	9.9	155911.0	-7335.0	1272	10.0	165743.0	-7329.5	1362	10.0	180742.0	-7305.0	1452	10.0	193512.0	-7324.0
1183	10.0	155936.0	-7346.0	1273	10.0	165826.0	-7315.5	1363	9.8	180835.0	-7323.0	1453	8.6	193556.0	-7311.0
1184	10.0	155941.0	-7343.0	1274	10.0	165858.0	-7301.0	1364	8.4	180914.0	-7336.0	1454	7.5	193640.0	-7306.0
1185	9.3	160023.0	-7314.0	1275	9.2	170037.0	-7330.0	1365	10.0	181014.0	-7347.0	1455	10.0	193643.0	-7336.0
1186	9.8	160056.0	-7308.0	1276	9.8	170123.0	-7348.0	1366	8.8	181035.0	-7308.5	1456	9.7	193753.0	-7307.5
1187	9.4	160153.0	-7349.5	1277	10.0	170126.0	-7305.0	1367	10.0	181119.0	-7339.5	1457	10.0	193853.0	-7326.0
1188	10.0	160209.0	-7334.5	1278	9.5	170148.0	-7323.0	1368	8.5	181249.0	-7335.5	1458	10.0	193930.0	-7331.0
1189	10.0	160248.0	-7304.5	1279	10.0	170241.0	-7325.0	1369	9.3	181425.0	-7351.0	1459	10.0	194059.0	-7303.5
1190	9.9	160314.0	-7324.5	1280	9.0	170251.0	-7345.0	1370	8.9	181452.0	-7323.0	1460	8.6	194120.0	-7352.0
1191	10.0	160325.0	-7355.5	1281	9.3	170258.0	-7300.5	1371	9.2	181713.0	-7312.0	1461	10.0	194139.0	-7353.5
1192	10.0	160334.0	-7313.0	1282	9.7	170320.0	-7316.0	1372	9.8	182152.0	-7314.0	1462	9.5	194328.0	-7329.0
1193	10.0	160351.0	-7337.0	1283	8.6	170325.0	-7322.0	1373	10.0	182303.0	-7300.5	1463	10.0	194411.0	-7332.0
1194	7.5	160509.0	-7359.5	1284	9.6	170437.0	-7358.0	1374	9.8	182404.0	-7344.0	1464	10.0	194458.0	-7337.5
1195	9.5	160555.0	-7302.0	1285	9.5	170502.0	-7336.5	1375	9.5	182412.0	-7303.0	1465	10.0	194605.0	-7340.0
1196	10.0	160710.0	-7343.0	1286	10.0	170506.0	-7321.0	1376	10.0	182505.0	-7308.0	1466	4.0	194605.0	-7314.0
1197	10.0	160753.0	-7342.7	1287	10.0	170507.0	-7320.5	1377	10.0	182516.0	-7304.0	1467	10.0	194700.0	-7334.0
1198	9.5	160815.0	-7354.0	1288	9.9	170730.0	-7305.0	1378	10.0	182820.0	-7319.5	1468	10.0	194811.0	-7345.5
1199	9.9	160825.0	-7313.0	1289	10.0	170804.0	-7341.0	1379	10.0	182929.0	-7358.5	1469	10.0	194817.0	-7353.5
1200	9.9	160906.0	-7347.0	1290	8.9	170930.0	-7313.0	1380	10.0	183220.0	-7352.5	1470	10.0	194823.0	-7358.0
1201	10.0	160932.0	-7307.5	1291	9.8	170959.0	-7331.0	1381	9.6	183333.0	-7328.5	1471	9.5	194835.0	-7350.0
1202	8.8	160947.0	-7352.0	1292	9.5	171002.0	-7312.0	1382	9.2	183355.0	-7305.0	1472	9.6	194841.0	-7308.0
1203	9.4	161023.0	-7319.5	1293	10.0	171020.0	-7347.0	1383	6.2	183421.0	-7307.5	1473	10.0	194900.0	-7357.5
1204	9.7	161032.0	-7326.0	1294	8.9	171050.0	-7301.5	1384	9.0	183512.0	-7302.0	1474	9.8	194927.0	-7319.5
1205	9.2	161039.0	-7313.5	1295	9.9	171138.0	-7334.5	1385	10.0	183527.0	-7333.0	1475	10.0	195150.0	-7300.5
1206	9.8	161206.0	-7345.5	1296	10.0	171228.0	-7314.5	1386	9.5	183559.0	-7321.5	1476	10.0	195236.0	-7344.5
1207	9.5	161334.0	-7342.5	1297	9.7	171249.0	-7329.0	1387	9.5	183625.0	-7317.0	1477	10.1	195248.0	-7309.5
1208	10.0	161404.0	-7327.0	1298	10.0	171250.0	-7306.0	1388	8.0	183628.0	-7344.5	1478	9.4	195257.0	-7330.0
1209	10.0	161441.0	-7314.5	1299	8.5	171415.0	-7302.0	1389	8.7	183636.0	-7312.0	1479	10.0	195344.0	-7326.0
1210	8.9	161509.0	-7347.0	1300	10.0	171419.0	-7331.0	1390	10.0	183640.0	-7305.0	1480	10.0	195442.0	-7338.0
1211	9.3	161536.0	-7310.0	1301	10.0	171428.0	-7335.0	1391	7.1	183731.0	-7346.0	1481	9.6	195449.0	-7330.5
1212	8.5	161648.0	-7345.0	1302	9.9	171430.0	-7304.5	1392	10.0	183804.0	-7329.0	1482	9.5	195508.0	-7329.0
1213	9.2	161656.0	-7318.0	1303	10.0	171507.0	-7322.5	1393	9.7	183856.0	-7359.0	1483	8.5	195536.0	-7307.0
1214	10.0	161704.0	-7356.0	1304	9.2	171548.0	-7303.0	1394	10.0	184040.0	-7359.5	1484	9.9	195811.0	-7345.0
1215	10.0	161933.0	-7337.0	1305	9.2	171630.0	-7327.5	1395	10.0	184130.0	-7347.0	1485	10.0	195831.0	-7301.5
1216	10.1	161935.0	-7333.0	1306	10.0	171840.0	-7353.5	1396	9.7	184136.0	-7341.0	1486	9.8	195842.0	-7304.5
1217	9.0	162105.0	-7313.0	1307	9.2	171849.0	-7320.5	1397	10.0	184458.0	-7336.0	1487	9.2	195846.0	-7306.0
1218	9.7	162120.0	-7319.0	1308	9.2	172103.0	-7339.0	1398	10.0	184828.0	-7317.0	1488	10.0	195921.0	-7333.5
1219	9.6	162213.0	-7317.0	1309	9.5	172157.0	-7334.0	1399	9.2	184838.0	-7329.0	1489	8.5	195942.0	-7314.5
1220	9.9	162255.0	-7328.0	1310	9.7	172216.0	-7317.0	1400	10.0	184914.0	-7347.5	1490	9.6	200024.0	-7354.0
1221	9.9	162255.0	-7343.0	1311	10.0	172306.0	-7357.0	1401	7.9	184928.0	-7357.0	1491	9.0	200035.0	-7314.0
1222	10.0	162405.0	-7348.0	1312	9.5	172317.0	-7307.0	1402	9.5	185036.0	-7328.0	1492	9.5	200222.0	-7350.5
1223	10.0	162415.0	-7358.0	1313	8.8	172423.0	-7337.5	1403	10.0	185040.0	-7352.0	1493	10.0	200349.0	-7337.5
1224	10.0	162430.0	-7317.0	1314	7.8	172649.0	-7318.5	1404	8.7	185247.0	-7330.0	1494	8.9	200404.0	-7355.0
1225	10.0	162502.0	-7342.0	1315	9.9	172658.0	-7307.5	1405	10.0	185408.0	-7346.5	1495	6.6	200421.0	-7321.0
1226	10.0	162548.0	-7331.5	1316	9.5	172715.0	-7357.5	1406	10.0	185435.0	-7355.0	1496	7.4	200428.0	-7311.0
1227	9.2	162621.0	-7300.5	1317	10.0	172727.0	-7352.0	1407	9.8	185703.0	-7345.0	1497	10.0	200525.0	-7324.0
1228	8.9	162649.0	-7310.5	1318	9.9	172743.0	-7334.5	1408	8.4	185757.0	-7331.0	1498	9.2	200529.0	-7337.0
1229	9.8	162827.0	-7335.0	1319	9.5	172749.0	-7332.0	1409	8.8	185918.0	-7302.5	1499	9.0	200548.0	-7350.0
1230	10.0	162832.0	-7329.0	1320	9.5	172850.0	-7305.0	1410	9.9	190011.0	-7353.5	1500	10.0	200550.0	-7317.0
1231	9.8	162920.0	-7312.0	1321	9.5	172858.0	-7305.0	1411	9.9	190033.0	-7326.5	1501	9.2	200610.0	-7318.0
1232	10.0	163047.0	-7304.0	1322	10.0	172905.0	-7311.0	1412	10.0	190036.0	-7347.5	1502	10.0	200703.0	-7337.0
1233	9.8	163203.0	-7322.0	1323	10.0	172908.0	-7355.0	1413	10.0	190130.0	-7327.5	1503	8.9	200713.0	-7352.0
1234	9.9	163218.0	-7340.5	1324	9.5	173038.0	-7305.0	1414	9.3	190259.0	-7323.0	1504	10.0	200758.0	-7330.0
1235	9.6	163443.0	-7336.5	1325	9.3	173140.0	-7355.0	1415	9.5	190325.0	-7319.0	1505	10.0	200815.0	-7322.0
1236	9.6	163500.0	-7320.0	1326	8.6	173336.0	-7304.0	1416	9.9	190329.0	-7359.5	1506	10.0	200856.0	-7334.0
1237	10.0	163505.0	-7305.5	1327	8.4	173910.0	-7326.0	1417	10.1	190458.0	-7340.0	1507	8.3	200928.0	-7302.5
1238	6.9	163624.0	-7330.0	1328	8.7	174000.0	-7344.0	1418	9.8	190701.0	-7349.0	1508	8.5	200944.0	-7327.5
1239	9.7	163634.0	-7330.5	1329	10.0	174009.0	-7314.0	1419	10.2	190736.0	-7338.0	1509	10.0	201017.0	-7333.0
1240	10.0	163723.0	-7359.5	1330	9.6	174105.0	-7301.0	1420	9.9	190948.0	-7356.5	1510	9.4	201356.0	-7308.0
1241	10.0	163805.0	-7343.0	1331	8.6	174315.0	-7337.5	1421	10.0	191010.0	-7325.5	1511	9.5	201405.0	-7343.0
1242	9.8	163810.0	-7322.0	1332	9.1	174348.0	-7338.0	1422	7.2	191304.0	-7320.0	1512	9.5	201500.0	-7343.0
1243	10.0	163854.0	-7322.0	1333	8.6	174450.0	-7332.0	1423	9.3	191400.0	-7301.0	1513	9.0	201610.0	-7329.5
1244	10.0	164058.0	-7330.0	1334	10.0	174500.0	-7324.0	1424	9.9	191516.0	-7332.5	1514	10.0	201735.0	-7323.5
1245	10.0	164117.0	-7327.0	1335	8.9	174520.0	-7339.0	1425	9.7	191600.0	-7323.0	1515	8.5	201755.0	-7329.5
1246	9.2	164300.0	-7323.0	1336	9.6	174557.0	-7354.0	1426	9.7	191610.0	-7352.0	1516	9.7	201809.0	-7355.0
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1248	9.5	164545.0	-7319.0	1338	9.2	174714.0	-7338.5	1428	7.6	191736.0	-7345.0	1518	8.0	201835.0	-7315.0
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1250	9.8	164648.0	-7331.0	1340	9.7	174851.0	-7302.0	1430	10.0	191823.0	-7357.0	1520	10.0	202046.0	-7303.0
1251	9.7	164749.0	-7326.0	1341	10.0	174903.0	-7311.0	1431	9.8	191900.0	-7308.0	1521	10.1	202110.0	-7302.5
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1253	9.5	164848.0	-7307.5	1343	9.2	175152.0	-7306.0	1433	9.4	191955.0	-7303.5	1523	9.9	202154.0	-7338.0
1254	9.2	164947.0	-7334.5	1344	9.9	175212.0	-7303.0	1434	10.0	192000.0	-7353.0	1524	10.0	202444.0	-7358.5
1255	9.8	164956.0	-7350.5	1345	9.9	175358.0	-7331.0	1435	9.9	192026.0	-7320.5	1525	9.9	202512.0	-7356.0
1256	9.9	165024.0	-7307.5	1346	9.7	175417.0	-7348.0	1436	9.0	192113.0	-7346.0	1526	10.0	203109.0	-7320.5
1257	10.0	165057.0	-7305.5	1347	9.4	175540.0	-7313.0	1437	10.0	192310.0	-7347.0	1527	9.6	203150.0	-7355.0
1258	10.0	165151.0	-7343.0	1348	6.1	175642.0	-7341.0	1438	9.7	192356.0	-7304.0	1528	10.0	203200.0	-7317.0
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1260	10.0	165227.0	-7333.0	1350	9.9	180223.0	-7328.5	1440	9.9	192703.0	-7322.0	1530	9.2	203344.0	-7309.5
1261	9.5	165420.0	-7348.0	1351	10.0	180245.0	-7324.0	1441	10.1	192735.0	-7304.0	1531	10.0	203630.0	-7329.5
1262	8.9	165453.0	-7324.5	1352	9.8	180253.0	-7307.0	1442	9.0	192807.0	-7303.5	1532	9.5	203705.0	-7326.5
1263	9.7	165509.0	-7313.0	1353	9.5	180322.0	-7306.0	1443	8.8	192815.0	-7331.0	1533	10.0	203710.0	-7327.5
1264	9.6	165510.0	-7315.5	1354	9.6	180433.0	-7351.0	1444	10.0	192951.0	-7334.0	1534	10.2	203930.0	-7336.5
1265	9.4	165515.0	-7349.0	1355	9.7	180511.0	-7344.0	1445	10.0	192952.0	-7306.0	1535	8.7	204131.0	-7332.0
1266	9.0	165520.0	-7330.5	1356	9.5	180549.0	-7315.0	1446	10.0	193203.0	-7350.5	1536	9.5	204147.0	-7353.0
1267	8.4	165615.0	-7342.5	1357	9.9	180605.0	-7318.0	1447	9.8	193225.0	-7336.5	1537	10.2	204211.0	-7304.0
1268	9.2	165619.0	-7304.0	1358	10.0	180616.0	-7339.0	1448	9.7	193316.0	-7309.0	1538	9.7	204304.0	-7322.0
1269	9.4	165703.0	-7344.0	1359	9.5	180702.0	-7327.5	1449	7.3	193425.0	-7349.5	1539	10.0	204510.0	-7306.0

1540	10.2	204645.0	-7337.5	1630	9.4	224154.0	-7323.0	27	9.0	03656.0	-7452.0
1541	10.1	204654.0	-7359.5	1631	10.0	224424.0	-7341.5	28	9.6	03713.0	-7422.0
1542	9.5	204850.0	-7335.0	1632	8.8	224559.0	-7344.5	29	9.1	03857.0	-7425.5
1543	9.8	205017.0	-7345.0	1633	8.0	224735.0	-7309.0	30	7.7	03932.0	-7457.0
1544	8.8	205020.0	-7332.0	1634	9.0	225041.0	-7353.0	31	8.8	03938.0	-7431.0
1545	10.0	205307.0	-7346.0	1635	9.4	225132.0	-7329.0	32	10.0	03949.0	-7411.0
1546	7.4	205547.0	-7353.5	1636	10.0	225301.0	-7305.0	33	9.8	04107.0	-7430.0
1547	5.9	205615.0	-7339.5	1637	10.2	225306.0	-7307.0	34	10.0	04131.0	-7410.0
1548	10.0	205627.0	-7349.5	1638	10.0	225339.0	-7314.0	35	10.1	04336.0	-7442.5
1549	8.9	205740.0	-7321.0	1639	10.1	225425.0	-7352.0	36	10.0	04430.0	-7414.5
1550	6.5	205843.0	-7303.0	1640	10.1	225426.0	-7358.0	37	10.1	04438.0	-7402.5
1551	9.9	205930.0	-7324.0	1641	10.0	225503.0	-7305.5	38	8.8	04458.0	-7410.0
1552	8.5	205956.0	-7329.0	1642	10.2	225526.0	-7306.0	39	9.9	04612.0	-7410.0
1553	10.1	210010.0	-7316.5	1643	8.7	225735.0	-7339.0	40	8.0	04930.0	-7433.0
1554	9.5	210117.0	-7348.0	1644	8.5	230258.0	-7312.5	41	9.9	05045.0	-7424.0
1555	10.2	210452.0	-7357.5	1645	10.2	230303.0	-7318.0	42	6.7	05052.0	-7459.0
1556	7.7	210549.0	-7332.5	1646	8.5	230340.0	-7306.0	43	9.9	05101.0	-7452.0
1557	8.6	210638.0	-7349.0	1647	10.0	230507.0	-7359.5	44	10.2	05120.0	-7415.0
1558	10.0	210830.0	-7355.0	1648	10.1	230510.0	-7340.5	45	8.6	05207.0	-7430.0
1559	9.7	210920.0	-7354.0	1649	8.6	230543.0	-7350.0	46	9.0	05239.0	-7424.0
1560	9.5	210926.0	-7320.0	1650	9.2	230602.0	-7359.5	47	9.2	05522.0	-7425.5
1561	10.2	211143.0	-7352.5	1651	10.2	230715.0	-7308.5	48	9.6	05533.0	-7443.5
1562	10.2	211155.0	-7348.5	1652	10.2	230821.0	-7328.5	49	10.0	05643.0	-7433.0
1563	7.3	211313.0	-7307.5	1653	9.7	230923.0	-7320.5	50	10.0	05832.0	-7440.0
1564	9.7	211316.0	-7328.5	1654	9.7	231038.0	-7330.5	51	9.0	10010.0	-7408.0
1565	8.9	211524.0	-7344.0	1655	9.3	231140.0	-7305.0	52	10.0	10221.0	-7450.0
1566	9.2	211700.0	-7337.0	1656	10.0	231432.0	-7343.0	53	9.4	10352.0	-7435.0
1567	9.0	211717.0	-7332.5	1657	9.8	231547.0	-7309.0	54	10.0	10355.0	-7405.0
1568	10.0	211736.0	-7354.5	1658	10.2	231553.0	-7349.0	55	10.0	10634.0	-7417.5
1569	9.2	211807.0	-7301.5	1659	7.5	231704.0	-7358.0	56	7.6	10844.0	-7434.5
1570	9.8	212003.0	-7313.0	1660	8.0	231917.0	-7334.0	57	8.6	10957.0	-7456.5
1571	9.5	212302.0	-7343.0	1661	10.2	231925.0	-7338.0	58	10.0	11001.0	-7400.5
1572	10.2	212353.0	-7312.5	1662	8.3	232036.0	-7358.0	59	10.0	11140.0	-7426.0
1573	10.2	212636.0	-7350.5	1663	8.5	232135.0	-7321.0	60	8.9	11449.0	-7449.0
1574	10.0	212823.0	-7344.0	1664	10.2	232329.0	-7358.0	61	10.0	11523.0	-7406.0
1575	9.8	212825.0	-7300.0	1665	9.5	232729.0	-7352.0	62	10.2	11622.0	-7426.0
1576	10.2	212826.0	-7335.5	1666	10.0	232756.0	-7322.0	63	9.0	11828.0	-7419.0
1577	9.8	212838.0	-7356.5	1667	10.0	232810.0	-7330.5	64	9.5	11837.0	-7416.5
1578	9.3	212850.0	-7301.5	1668	9.5	232823.0	-7338.5	65	9.4	11959.0	-7414.5
1579	10.0	212859.0	-7313.5	1669	9.9	232910.0	-7348.5	66	10.0	12259.0	-7454.0
1580	10.2	212906.0	-7357.0	1670	9.8	233053.0	-7319.0	67	10.2	12410.0	-7442.0
1581	8.5	212937.0	-7306.5	1671	10.0	233144.0	-7306.0	68	10.0	12605.0	-7430.0
1582	7.8	213616.0	-7315.0	1672	7.5	233210.0	-7323.0	69	9.7	12831.0	-7453.5
1583	10.0	213822.0	-7306.0	1673	10.0	233411.0	-7308.0	70	10.0	12832.0	-7458.0
1584	9.9	213936.0	-7305.0	1674	10.0	233447.0	-7321.5	71	10.0	12938.0	-7457.0
1585	8.5	214009.0	-7345.0	1675	10.0	233721.0	-7351.5	72	9.5	13050.0	-7430.0
1586	9.6	214038.0	-7335.0	1676	7.7	234000.0	-7347.5	73	9.4	13054.0	-7421.0
1587	8.3	214046.0	-7323.0	1677	9.2	234324.0	-7323.0	74	9.8	13659.0	-7421.0
1588	9.5	214115.0	-7310.0	1678	9.0	234451.0	-7353.0	75	10.0	13710.0	-7430.5
1589	9.9	214130.0	-7343.0	1679	7.4	234558.0	-7306.0	76	10.0	13846.0	-7401.5
1590	9.0	214159.0	-7336.0	1680	10.0	234740.0	-7332.5	77	10.2	14040.0	-7419.0
1591	10.0	214820.0	-7310.0	1681	8.7	234750.0	-7349.5	78	10.0	14235.0	-7437.0
1592	10.0	215152.0	-7309.5	1682	9.2	235149.0	-7353.0	79	10.2	14304.0	-7447.0
1593	8.5	215252.0	-7320.5	1683	9.7	235315.0	-7302.0	80	8.2	14311.0	-7410.5
1594	9.5	215601.0	-7359.0	1684	9.9	235410.0	-7310.0	81	10.2	14447.0	-7412.0
1595	10.2	215959.0	-7321.5	1685	8.5	235418.0	-7301.0	82	9.5	14558.0	-7442.0
1596	10.0	220003.0	-7354.0	1686	8.7	235502.0	-7318.0	83	10.2	14822.0	-7421.0
1597	9.4	220210.0	-7340.0	1687	9.5	235549.0	-7319.5	84	8.9	14830.0	-7423.5
1598	10.0	220311.0	-7330.5	1688	10.0	235702.0	-7356.5	85	10.1	14837.0	-7405.0
1599	10.2	220323.0	-7359.0	1689	9.2	235756.0	-7343.5	86	9.3	15315.0	-7401.5
1600	10.2	220454.0	-7303.0	1690	7.3	235810.0	-7335.5	87	9.6	15358.0	-7427.5
1601	10.0	221310.0	-7354.0	1691	9.2	235811.0	-7321.5	88	8.5	15627.0	-7443.0
1602	8.7	221318.0	-7326.0	1692	9.5	235825.0	-7350.5	89	9.8	15801.0	-7449.0
1603	8.4	221323.0	-7326.0	1693	10.0	235841.0	-7335.5	90	9.5	15901.0	-7456.0
1604	9.5	221410.0	-7328.0	1	8.5	00102.0	-7438.0	91	9.4	15936.0	-7421.0
1605	9.7	221441.0	-7332.0	2	7.8	00230.0	-7456.0	92	9.8	20009.0	-7430.0
1606	9.7	221548.0	-7316.0	3	9.9	00423.0	-7421.0	93	8.7	20028.0	-7406.5
1607	9.3	221556.0	-7303.0	4	9.5	00441.0	-7412.5	94	9.4	20119.0	-7455.0
1608	10.0	221600.0	-7352.0	5	10.0	00543.0	-7427.5	95	9.4	20206.0	-7447.0
1609	10.0	221610.0	-7336.0	6	9.7	00631.0	-7446.5	96	10.0	20230.0	-7403.0
1610	9.4	221614.0	-7344.0	7	9.4	00653.0	-7443.5	97	10.1	20317.0	-7402.0
1611	10.2	221659.0	-7354.0	8	9.7	01010.0	-7442.5	98	10.0	20424.0	-7452.5
1612	8.6	221842.0	-7306.5	9	8.3	01130.0	-7439.5	99	10.1	20510.0	-7459.5
1613	10.0	222030.0	-7350.5	10	8.5	01153.0	-7422.5	100	9.2	20559.0	-7400.5
1614	10.0	222040.0	-7341.5	11	10.0	01255.0	-7411.0	101	10.0	20635.0	-7408.0
1615	7.5	222525.0	-7312.0	12	10.1	01317.0	-7449.0	102	9.2	20938.0	-7439.5
1616	10.2	222525.0	-7335.5	13	10.0	01338.0	-7411.5	103	8.3	21053.0	-7440.5
1617	6.9	222630.0	-7321.5	14	9.2	01506.0	-7440.5	104	9.7	21138.0	-7423.0
1618	9.8	222656.0	-7328.5	15	9.9	01827.0	-7412.5	105	9.3	21505.0	-7425.5
1619	10.0	222702.0	-7319.0	16	9.8	01916.0	-7456.0	106	9.1	21947.0	-7406.0
1620	10.0	222754.0	-7329.0	17	9.2	02040.0	-7419.0	107	9.4	21950.0	-7419.0
1621	10.0	222852.0	-7357.0	18	10.0	02149.0	-7405.0	108	10.0	22015.0	-7434.5
1622	9.7	223011.0	-7312.0	19	9.6	02414.0	-7428.0	109	9.7	22116.0	-7406.0
1623	10.0	223226.0	-7341.5	20	9.4	02555.0	-7451.5	110	6.2	22210.0	-7413.0
1624	9.8	223231.0	-7347.5	21	9.1	03048.0	-7434.5	111	10.2	22238.0	-7444.0
1625	8.3	223249.0	-7353.0	22	10.2	03320.0	-7448.5	112	9.8	22248.0	-7452.0
1626	10.0	223411.0	-7302.0	23	10.2	03324.0	-7440.5	113	9.3	22344.0	-7444.0
1627	10.0	224030.0	-7317.0	24	7.4	03330.0	-7439.0	114	9.7	22356.0	-7452.0
1628	9.9	224038.0	-7323.5	25	9.5	03336.0	-7440.5	115	9.8	22641.0	-7438.0
1629	9.1	224140.0	-7358.0	26	8.5	03513.0	-7427.0	116	10.2	22656.0	-7429.5
117	10.0	23048.0	-7403.0
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118	7.4	23353.0	-7434.5
119	9.8	23624.0	-7439.5
120	8.8	23635.0	-7455.5
121	10.2	23655.0	-7430.0
122	9.3	23743.0	-7420.0
123	9.5	23930.0	-7433.0
124	8.2	24059.0	-7451.0
125	9.9	24150.0	-7415.0
126	10.1	24332.0	-7401.0
127	10.2	24356.0	-7430.0
128	10.2	24358.0	-7431.0
129	9.9	24440.0	-7429.0
130	10.0	24603.0	-7412.0
131	9.4	24832.0	-7430.5
132	7.3	24854.0	-7421.5
133	8.5	24938.0	-7405.0
134	8.5	25200.0	-7455.0
135	9.9	25202.0	-7414.0
136	10.0	25342.0	-7424.0
137	9.5	25805.0	-7409.5
138	9.9	25808.0	-7437.5
139	9.9	25815.0	-7403.5
140	10.2	25910.0	-7415.0
141	9.0	25920.0	-7416.5
142	7.0	30550.0	-7448.0
143	9.0	30716.0	-7400.5
144	9.3	30833.0	-7459.0
145	7.0	31122.0	-7446.0
146	9.0	31146.0	-7432.5
147	10.0	31215.0	-7431.0
148	9.2	31228.0	-7456.0
149	10.0	31236.0	-7451.5
150	7.6	31252.0	-7429.0
151	9.9	31424.0	-7437.0
152	10.0	31437.0	-7432.0
153	7.8	31657.0	-7400.5
154	9.7	31740.0	-7435.5
155	10.0	31921.0	-7433.0
156	7.2	32005.0	-7426.0
157	9.5	32232.0	-7444.0
158	10.0	32500.0	-7417.0
159	9.9	32816.0	-7413.5
160	10.0	32943.0	-7416.0
161	10.0	33211.0	-7417.0
162	9.8	33230.0	-7449.0
163	9.8	33300.0	-7425.0
164	9.3	33308.0	-7444.5
165	9.7	33423.0	-7451.5
166	8.6	33519.0	-7426.5
167	10.0	33558.0	-7402.0
168	10.0	33620.0	-7437.0
169	9.9	33715.0	-7433.0
170	10.2	33723.0	-7432.5
171	8.0	33748.0	-7423.0
172	9.9	33812.0	-7448.0
173	8.3	34254.0	-7419.0
174	7.5	34513.0	-7424.0
175	9.6	34754.0	-7425.0
176	10.0	34759.0	-7427.0
177	8.2	34845.0	-7453.0
178	3.2	34913.0	-7437.0
179	10.0	35310.0	-7458.5
180	9.2	35523.0	-7418.5
181	9.5	35704.0	-7406.0
182	9.3	35735.0	-7418.5
183	10.2	40005.0	-7427.0
184	9.8	40018.0	-7418.5
185	10.0	40101.0	-7410.5
186	9.9	40230.0	-7448.0
187	10.0	40515.0	-7456.5
188	9.7	41041.0	-7417.0
189	10.2	41136.0	-7403.0
190	9.8	41227.0	-7405.0
191	10.0	41346.0	-7425.0
192	9.9	41900.0	-7420.0
193	10.0	41904.0	-7430.0
194	9.8	41915.0	-7435.5
195	9.6	42240.0	-7436.5
196	9.5	42400.0	-7450.5
197	9.2	42731.0	-7447.0
198	9.0	42906.0	-7458.5
199	10.0	42912.0	-7435.5
200	10.0	43107.0	-7448.0
201	9.3	43132.0	-7435.5
202	9.8	43220.0	-7459.0
203	9.2	43628.0	-7429.0
204	9.4	43647.0	-7412.0
205	9.6	43734.0	-7416.0
206	8.6	43833.0	-7437.0

207	7.8	44003.0 -7405.5	297	9.6	61712.0 -7415.0	387	9.8	80438.0 -7426.0	477	9.9	92331.0 -7409.0
208	10.0	44441.0 -7427.0	298	10.0	61735.0 -7413.0	388	9.7	80453.0 -7425.5	478	10.0	92346.0 -7422.5
209	10.1	44533.0 -7442.0	299	10.2	62002.0 -7424.0	389	10.0	80507.0 -7418.0	479	10.2	92456.0 -7452.5
210	10.0	44629.0 -7421.5	300	10.0	62018.0 -7425.0	390	10.0	80540.0 -7423.0	480	10.2	92501.0 -7411.5
211	9.3	44638.0 -7453.0	301	10.1	62212.0 -7434.5	391	9.9	80656.0 -7409.0	481	9.7	92604.0 -7428.5
212	9.1	44747.0 -7432.5	302	9.5	62523.0 -7413.0	392	9.3	80728.0 -7403.0	482	9.8	92806.0 -7448.5
213	10.1	44815.0 -7415.5	303	9.8	62530.0 -7420.0	393	10.2	80857.0 -7408.0	483	10.2	92902.0 -7423.0
214	10.0	44830.0 -7430.0	304	10.0	62558.0 -7428.0	394	8.5	81030.0 -7409.0	484	9.3	92922.0 -7435.0
215	9.4	44933.0 -7408.0	305	9.3	62559.0 -7406.0	395	10.0	81216.0 -7441.5	485	10.0	92933.0 -7437.0
216	9.8	45035.0 -7431.0	306	9.9	62900.0 -7426.0	396	9.0	81240.0 -7407.5	486	8.4	93036.0 -7413.0
217	8.5	45039.0 -7449.0	307	10.0	62907.0 -7410.0	397	9.5	81247.0 -7458.5	487	9.7	93037.0 -7444.0
218	9.6	45134.0 -7419.0	308	8.9	62925.0 -7409.5	398	8.0	81345.0 -7437.0	488	10.0	93150.0 -7451.0
219	10.1	45255.0 -7402.0	309	10.0	63440.0 -7415.5	399	9.8	81655.0 -7451.0	489	10.0	93356.0 -7443.0
220	10.0	45320.0 -7432.0	310	10.1	63536.0 -7434.0	400	8.8	81740.0 -7404.0	490	9.8	93530.0 -7422.5
221	9.9	45427.0 -7426.0	311	10.0	63608.0 -7411.0	401	8.9	81905.0 -7447.0	491	10.0	93536.0 -7428.5
222	10.0	45850.0 -7424.5	312	9.8	63615.0 -7449.0	402	9.3	82027.0 -7420.0	492	9.9	93541.0 -7444.0
223	10.0	45905.0 -7429.0	313	9.5	63723.0 -7435.5	403	9.6	82034.0 -7442.0	493	8.9	93614.0 -7413.5
224	9.3	50025.0 -7446.0	314	9.9	63741.0 -7429.5	404	7.7	82048.0 -7437.0	494	10.0	93650.0 -7446.5
225	9.5	50050.0 -7434.0	315	10.0	63904.0 -7433.5	405	9.2	82255.0 -7420.5	495	9.4	93705.0 -7414.0
226	7.0	50427.0 -7431.0	316	10.0	64019.0 -7448.5	406	10.0	82323.0 -7418.5	496	10.0	93914.0 -7445.5
227	10.0	50432.0 -7424.0	317	10.1	64020.0 -7416.5	407	10.0	82351.0 -7436.0	497	10.0	93943.0 -7452.0
228	9.9	50501.0 -7446.0	318	9.0	64045.0 -7441.0	408	9.1	82438.0 -7441.0	498	9.7	94126.0 -7409.0
229	9.4	50603.0 -7452.0	319	9.0	64052.0 -7411.0	409	8.8	82550.0 -7411.0	499	10.0	94146.0 -7443.0
230	9.9	50641.0 -7433.0	320	9.9	64118.0 -7417.0	410	10.0	82603.0 -7401.0	500	9.2	94314.0 -7408.0
231	9.9	50748.0 -7456.0	321	9.8	64220.0 -7418.0	411	9.7	82608.0 -7428.0	501	9.7	94330.0 -7413.0
232	10.0	50941.0 -7448.0	322	9.7	64339.0 -7426.0	412	7.1	82648.0 -7430.0	502	8.8	94358.0 -7416.0
233	10.0	51040.0 -7409.0	323	9.0	64500.0 -7433.0	413	8.2	82659.0 -7425.0	503	10.0	94420.0 -7439.0
234	10.0	51057.0 -7433.0	324	10.0	64510.0 -7439.0	414	9.7	82832.0 -7426.0	504	9.8	94430.0 -7457.0
235	8.5	51224.0 -7459.5	325	10.0	64543.0 -7419.0	415	10.0	82840.0 -7458.0	505	10.1	94455.0 -7445.0
236	10.0	51326.0 -7418.0	326	9.3	64759.0 -7416.5	416	6.9	82936.0 -7456.5	506	9.5	94525.0 -7428.0
237	9.1	51610.0 -7416.5	327	9.5	64907.0 -7405.5	417	8.6	83017.0 -7432.5	507	9.6	94703.0 -7426.0
238	9.8	51651.0 -7418.0	328	9.8	65012.0 -7425.0	418	10.0	83038.0 -7400.5	508	9.8	94758.0 -7415.0
239	10.0	52034.0 -7423.0	329	9.8	65057.0 -7423.0	419	10.0	83040.0 -7400.3	509	9.9	94822.0 -7449.5
240	8.9	52130.0 -7411.0	330	10.0	65103.0 -7403.5	420	10.0	83235.0 -7423.0	510	10.0	94943.0 -7410.5
241	7.8	52155.0 -7449.0	331	9.3	65118.0 -7430.0	421	10.0	83243.0 -7414.0	511	10.1	95022.0 -7414.5
242	9.4	52329.0 -7413.0	332	10.1	65208.0 -7405.0	422	6.8	83321.0 -7426.0	512	10.1	95036.0 -7435.0
243	9.5	52438.0 -7436.5	333	10.2	65229.0 -7438.0	423	9.9	83406.0 -7418.0	513	10.0	95103.0 -7448.0
244	10.2	52536.0 -7426.5	334	9.3	65303.0 -7424.0	424	9.9	83721.0 -7440.0	514	9.4	95112.0 -7418.0
245	10.0	52555.0 -7438.5	335	10.0	65618.0 -7455.0	425	9.2	83728.0 -7455.0	515	8.4	95258.0 -7447.0
246	10.0	52711.0 -7419.0	336	7.5	65648.0 -7434.0	426	6.7	83912.0 -7408.0	516	9.8	95442.0 -7418.0
247	9.9	52747.0 -7437.0	337	9.3	65800.0 -7407.0	427	8.0	83920.0 -7437.5	517	9.9	95720.0 -7413.0
248	9.5	52756.0 -7436.0	338	9.2	70018.0 -7420.0	428	9.0	83936.0 -7428.5	518	10.0	95844.0 -7423.0
249	8.0	52757.0 -7444.5	339	9.9	70132.0 -7434.5	429	9.4	83955.0 -7439.5	519	10.0	100003.0 -7410.5
250	9.8	52920.0 -7442.5	340	10.0	70221.0 -7427.5	430	9.6	84310.0 -7450.0	520	10.0	100101.0 -7425.5
251	9.6	52944.0 -7435.5	341	8.5	70642.0 -7418.0	431	7.5	84313.0 -7409.0	521	9.8	100118.0 -7434.5
252	10.0	53003.0 -7428.5	342	9.9	70931.0 -7411.5	432	6.6	84555.0 -7419.5	522	10.0	100136.0 -7442.0
253	9.1	53055.0 -7451.0	343	10.0	71150.0 -7422.0	433	10.0	84555.0 -7416.5	523	9.5	100223.0 -7409.0
254	10.2	53158.0 -7431.0	344	9.5	71512.0 -7424.0	434	9.9	84715.0 -7400.5	524	10.0	100327.0 -7426.0
255	9.7	53329.0 -7445.0	345	9.8	71550.0 -7448.0	435	10.0	84715.0 -7419.0	525	10.1	100358.0 -7428.0
256	9.9	53615.0 -7446.0	346	8.6	72237.0 -7459.5	436	9.1	84731.0 -7400.0	526	9.8	100504.0 -7401.0
257	9.6	53622.0 -7414.0	347	10.0	72756.0 -7453.0	437	9.2	84829.0 -7458.0	527	9.8	100530.0 -7458.0
258	10.0	53704.0 -7431.5	348	10.2	72926.0 -7451.0	438	10.0	84944.0 -7424.0	528	8.6	100534.0 -7413.5
259	10.0	53823.0 -7418.5	349	10.0	72943.0 -7416.5	439	9.9	84955.0 -7409.0	529	9.4	100557.0 -7413.0
260	8.7	53914.0 -7419.5	350	10.0	72957.0 -7405.5	440	8.4	85009.0 -7435.0	530	9.5	100609.0 -7452.5
261	10.0	53927.0 -7455.0	351	9.3	73057.0 -7449.5	441	9.5	85236.0 -7429.0	531	9.8	100759.0 -7456.5
262	8.4	54026.0 -7447.0	352	10.0	73109.0 -7427.0	442	9.8	85346.0 -7418.0	532	9.8	100857.0 -7415.0
263	10.1	54138.0 -7436.0	353	9.4	73118.0 -7429.0	443	10.0	85353.0 -7431.0	533	9.3	100923.0 -7454.0
264	10.0	54258.0 -7404.5	354	10.0	73147.0 -7429.0	444	10.0	85358.0 -7413.0	534	10.0	100934.0 -7432.0
265	9.9	54420.0 -7404.0	355	9.8	73206.0 -7418.0	445	7.5	85500.0 -7424.0	535	9.5	101052.0 -7414.0
266	10.0	54508.0 -7459.0	356	9.8	73229.0 -7447.0	446	9.7	85531.0 -7452.0	536	10.0	101405.0 -7427.0
267	9.8	54511.0 -7402.0	357	8.3	73355.0 -7439.5	447	9.5	85742.0 -7423.5	537	10.0	101604.0 -7409.5
268	9.7	54553.0 -7437.0	358	7.5	73403.0 -7401.0	448	10.0	85800.0 -7434.5	538	10.1	101615.0 -7451.0
269	9.1	54558.0 -7432.0	359	6.9	73405.0 -7425.0	449	10.0	85923.0 -7400.5	539	9.4	101745.0 -7458.0
270	9.4	54632.0 -7454.5	360	10.0	73640.0 -7404.0	450	9.5	90318.0 -7428.0	540	9.8	101755.0 -7422.0
271	9.5	54650.0 -7456.5	361	9.3	73721.0 -7448.0	451	10.0	90426.0 -7439.5	541	10.0	101830.0 -7422.0
272	9.9	54753.0 -7401.0	362	10.0	73813.0 -7433.5	452	10.0	90548.0 -7405.5	542	10.0	101853.0 -7424.0
273	9.6	54847.0 -7413.0	363	10.0	73823.0 -7455.5	453	9.5	90559.0 -7413.5	543	9.9	101922.0 -7452.0
274	9.2	54931.0 -7405.0	364	10.0	73828.0 -7407.0	454	8.0	90702.0 -7415.0	544	9.3	101950.0 -7424.0
275	10.2	55016.0 -7454.5	365	10.0	73829.0 -7455.0	455	10.0	90719.0 -7428.0	545	9.5	102048.0 -7424.0
276	10.0	55053.0 -7433.5	366	9.1	73840.0 -7449.5	456	10.0	90941.0 -7410.0	546	9.8	102050.0 -7456.0
277	9.5	55100.0 -7448.0	367	10.0	74222.0 -7452.0	457	9.2	91025.0 -7448.5	547	7.7	102425.0 -7431.0
278	10.2	55204.0 -7457.0	368	8.8	74232.0 -7435.0	458	8.5	91127.0 -7441.0	548	10.0	102451.0 -7405.0
279	9.9	55224.0 -7453.0	369	10.0	74303.0 -7428.0	459	8.3	91202.0 -7406.0	549	10.0	102643.0 -7451.5
280	10.0	55346.0 -7408.0	370	10.2	74314.0 -7404.5	460	10.0	91218.0 -7401.0	550	10.0	102745.0 -7408.5
281	9.8	55405.0 -7404.0	371	10.0	74412.0 -7410.0	461	8.5	91232.0 -7420.5	551	10.1	102756.0 -7423.5
282	9.1	55552.0 -7445.0	372	10.0	74413.0 -7419.0	462	8.5	91421.0 -7419.5	552	10.0	102910.0 -7438.0
283	9.6	55815.0 -7405.0	373	10.0	74433.0 -7418.0	463	9.2	91456.0 -7435.5	553	9.9	102913.0 -7435.0
284	9.8	55820.0 -7401.0	374	9.0	74456.0 -7439.0	464	8.5	91506.0 -7446.5	554	9.5	103152.0 -7413.0
285	10.0	60003.0 -7414.0	375	10.2	74813.0 -7414.0	465	9.5	91526.0 -7403.0	555	9.3	103240.0 -7425.5
286	10.0	60417.0 -7402.5	376	9.2	74938.0 -7418.0	466	10.0	91622.0 -7400.5	556	10.0	103305.0 -7426.0
287	9.7	60502.0 -7426.5	377	10.0	75132.0 -7445.0	467	10.0	91653.0 -7401.0	557	10.0	103310.0 -7422.5
288	8.5	60505.0 -7407.5	378	10.0	75205.0 -7432.0	468	5.8	91735.0 -7422.0	558	10.0	103342.0 -7414.0
289	10.2	60814.0 -7441.0	379	8.6	75206.0 -7419.0	469	6.4	91737.0 -7412.0	559	7.0	103614.0 -7430.5
290	10.2	60835.0 -7421.0	380	10.0	75344.0 -7435.0	470	10.0	91830.0 -7433.0	560	9.7	103620.0 -7438.5
291	10.1	60913.0 -7434.0	381	10.0	75425.0 -7414.0	471	10.2	91929.0 -7408.0	561	9.2	103648.0 -7459.0
292	9.7	61210.0 -7422.0	382	10.0	75449.0 -7412.0	472	9.0	92109.0 -7446.0	562	9.6	103840.0 -7435.0
293	9.5	61231.0 -7449.0	383	10.0	75653.0 -7433.0	473	9.5	92110.0 -7444.0	563	9.9	103850.0 -7418.0
294	5.3	61358.0 -7442.5	384	9.3	75720.0 -7447.0	474	10.2	92130.0 -7417.5	564	6.9	103946.0 -7448.5
295	10.0	61456.0 -7412.0	385	10.0	75822.0 -7400.0	475	9.9	92138.0 -7449.0	565	10.0	104020.0 -7421.0
296	9.0	61540.0 -7428.0	386	10.0	75913.0 -7412.0	476	10.0	92325.0 -7446.0	566	10.0	104026.0 -7434.0

-74 567 10h42m

-74 926 14h34m

567	8.4	104227.0	-7409.5	657	9.7	120405.0	-7408.0	747	9.9	125033.0	-7424.5	837	9.9	134128.0	-7424.5
568	7.6	104230.0	-7421.0	658	9.6	120445.0	-7454.0	748	10.0	125055.0	-7433.0	838	10.0	134158.0	-7416.5
569	10.0	104343.0	-7449.0	659	8.3	120513.0	-7404.0	749	10.0	125103.0	-7445.5	839	9.9	134201.0	-7406.5
570	9.2	104543.0	-7409.5	660	8.5	120521.0	-7414.5	750	10.0	125343.0	-7415.5	840	9.0	134208.0	-7428.5
571	9.5	104548.0	-7442.0	661	8.3	120635.0	-7432.0	751	10.0	125513.0	-7430.5	841	9.7	134209.0	-7459.0
572	10.0	104618.0	-7434.0	662	10.0	120641.0	-7438.0	752	10.1	125544.0	-7452.0	842	10.0	134418.0	-7450.0
573	10.0	104627.0	-7447.0	663	9.9	120654.0	-7457.5	753	10.0	125606.0	-7458.0	843	9.8	134418.0	-7416.0
574	8.9	104650.0	-7441.5	664	10.0	120703.0	-7410.5	754	8.5	125630.0	-7436.5	844	9.6	134457.0	-7414.0
575	10.0	104844.0	-7438.5	665	10.0	120735.0	-7429.0	755	8.9	125631.0	-7420.5	845	10.0	134534.0	-7418.5
576	9.9	104852.0	-7457.0	666	9.8	120746.0	-7410.5	756	9.1	125639.0	-7412.5	846	9.7	134547.0	-7453.5
577	8.9	105002.0	-7443.0	667	10.0	120833.0	-7403.0	757	10.0	125727.0	-7450.5	847	9.9	134558.0	-7443.0
578	10.0	105143.0	-7453.0	668	10.0	120934.0	-7403.0	758	9.5	125733.0	-7403.5	848	9.8	134618.0	-7408.0
579	7.8	105156.0	-7431.5	669	10.0	120949.0	-7419.0	759	9.5	125815.0	-7416.0	849	10.0	134728.0	-7439.0
580	10.0	105308.0	-7400.5	670	10.0	121023.0	-7457.0	760	9.9	125821.0	-7419.0	850	9.6	134850.0	-7436.0
581	6.6	105344.0	-7426.0	671	9.9	121100.0	-7456.0	761	8.6	125841.0	-7455.0	851	10.0	134858.0	-7452.0
582	10.0	105359.0	-7406.0	672	10.0	121217.0	-7430.0	762	9.6	125905.0	-7432.5	852	10.0	135032.0	-7442.0
583	9.1	105433.0	-7456.0	673	10.0	121328.0	-7458.0	763	10.0	125930.0	-7406.0	853	10.0	135103.0	-7443.0
584	9.5	105450.0	-7405.0	674	10.0	121353.0	-7402.0	764	9.9	125944.0	-7404.0	854	9.8	135204.0	-7452.0
585	9.9	105537.0	-7437.0	675	10.0	121405.0	-7401.5	765	9.8	130115.0	-7429.0	855	10.0	135251.0	-7454.0
586	10.0	105545.0	-7405.0	676	8.8	121440.0	-7412.5	766	10.0	130131.0	-7451.0	856	10.0	135320.0	-7441.0
587	7.3	105755.0	-7459.5	677	9.3	121600.0	-7449.0	767	9.2	130142.0	-7402.0	857	10.0	135342.0	-7429.5
588	10.0	105828.0	-7445.0	678	9.3	121606.0	-7432.0	768	9.5	130236.0	-7444.0	858	10.0	135408.0	-7444.5
589	10.0	105843.0	-7430.0	679	9.9	121615.0	-7458.0	769	9.9	130339.0	-7439.0	859	9.5	135446.0	-7408.0
590	8.3	105906.0	-7455.0	680	9.8	121703.0	-7432.0	770	10.0	130342.0	-7420.0	860	9.8	135553.0	-7452.0
591	8.8	105935.0	-7400.0	681	10.0	121731.0	-7421.0	771	10.0	130353.0	-7442.5	861	9.9	135606.0	-7444.0
592	7.1	110100.0	-7429.0	682	9.7	121731.0	-7408.5	772	9.8	130415.0	-7425.5	862	9.5	135608.0	-7405.0
593	10.0	110138.0	-7415.0	683	10.0	121746.0	-7417.0	773	7.8	130457.0	-7430.5	863	10.0	135618.0	-7406.5
594	10.0	110138.0	-7417.5	684	10.0	122005.0	-7414.5	774	10.0	130516.0	-7450.5	864	10.0	135702.0	-7419.5
595	10.0	110212.0	-7431.5	685	8.0	122010.0	-7447.0	775	9.9	130605.0	-7408.0	865	6.4	135703.0	-7415.5
596	10.0	110233.0	-7447.5	686	8.3	122135.0	-7455.5	776	9.8	130738.0	-7443.0	866	9.8	135721.0	-7421.0
597	9.8	110309.0	-7403.0	687	9.9	122247.0	-7419.5	777	9.5	130824.0	-7422.0	867	9.0	135742.0	-7406.5
598	10.0	110410.0	-7448.0	688	7.5	122320.0	-7442.5	778	10.0	130848.0	-7401.0	868	10.0	135851.0	-7433.5
599	10.0	110620.0	-7401.0	689	10.0	122339.0	-7409.0	779	10.0	130855.0	-7407.5	869	9.9	135920.0	-7402.0
600	9.8	110650.0	-7422.0	690	9.4	122453.0	-7422.0	780	9.9	130906.0	-7443.5	870	10.0	140012.0	-7446.5
601	9.8	110830.0	-7411.0	691	9.6	122505.0	-7430.0	781	9.0	130933.0	-7410.5	871	9.5	140124.0	-7437.0
602	9.9	110935.0	-7426.0	692	7.9	122510.0	-7444.5	782	10.0	131026.0	-7436.5	872	10.0	140144.0	-7459.0
603	10.0	110948.0	-7444.0	693	10.0	122537.0	-7445.0	783	10.0	131030.0	-7449.0	873	10.0	140155.0	-7431.0
604	8.4	111219.0	-7432.5	694	10.0	122540.0	-7412.5	784	10.0	131049.0	-7456.5	874	10.0	140156.0	-7432.0
605	9.5	111247.0	-7458.0	695	10.0	122546.0	-7434.5	785	8.5	131200.0	-7413.0	875	10.0	140220.0	-7406.5
606	10.0	111251.0	-7442.0	696	9.5	122548.0	-7441.5	786	9.5	131226.0	-7434.0	876	9.8	140233.0	-7401.5
607	10.0	111356.0	-7430.0	697	8.9	122610.0	-7437.5	787	10.0	131228.0	-7416.5	877	9.5	140311.0	-7441.0
608	8.6	111422.0	-7444.0	698	9.4	122746.0	-7442.0	788	10.0	131231.0	-7416.0	878	10.0	140342.0	-7429.0
609	9.4	111442.0	-7448.0	699	10.0	122749.0	-7436.5	789	10.0	131405.0	-7427.0	879	10.0	140351.0	-7439.5
610	6.6	111508.0	-7427.5	700	10.0	122821.0	-7406.0	790	10.0	131412.0	-7413.0	880	7.7	140725.0	-7436.0
611	10.0	111530.0	-7457.5	701	10.0	122831.0	-7445.0	791	10.0	131446.0	-7442.5	881	10.0	140758.0	-7417.5
612	9.4	111656.0	-7445.5	702	9.8	122905.0	-7424.0	792	5.6	131520.0	-7414.0	882	9.0	140814.0	-7445.0
613	9.8	111738.0	-7426.0	703	9.9	122930.0	-7420.0	793	6.8	131725.0	-7402.5	883	9.0	140847.0	-7432.0
614	10.0	111740.0	-7409.5	704	9.9	122930.0	-7418.5	794	10.0	131727.0	-7434.5	884	10.0	140853.0	-7413.5
615	10.0	111749.0	-7400.0	705	10.0	122946.0	-7409.0	795	9.3	131940.0	-7415.5	885	9.6	141100.0	-7404.5
616	9.9	112121.0	-7428.0	706	9.8	123003.0	-7445.0	796	9.7	132024.0	-7439.0	886	9.5	141236.0	-7428.0
617	10.2	112318.0	-7418.5	707	9.9	123020.0	-7416.5	797	9.5	132118.0	-7418.5	887	9.5	141257.0	-7453.0
618	10.0	112319.0	-7434.5	708	9.8	123039.0	-7401.0	798	10.0	132228.0	-7417.5	888	9.8	141408.0	-7407.0
619	9.9	112417.0	-7456.5	709	9.6	123115.0	-7449.0	799	8.6	132254.0	-7411.5	889	10.0	141418.0	-7426.0
620	10.0	112450.0	-7445.5	710	9.5	123115.0	-7405.0	800	9.2	132312.0	-7429.0	890	10.0	141450.0	-7407.0
621	10.0	112512.0	-7428.5	711	6.7	123117.0	-7440.5	801	9.8	132430.0	-7454.0	891	9.5	141458.0	-7409.0
622	9.9	112705.0	-7409.5	712	9.8	123123.0	-7421.0	802	9.9	132500.0	-7409.0	892	10.0	141539.0	-7451.0
623	10.0	112819.0	-7407.5	713	9.1	123337.0	-7411.0	803	9.5	132600.0	-7433.0	893	9.8	141550.0	-7459.0
624	9.8	112832.0	-7451.0	714	10.0	123420.0	-7418.0	804	10.0	132607.0	-7400.0	894	10.0	141621.0	-7431.0
625	9.4	112958.0	-7441.0	715	10.0	123614.0	-7425.5	805	9.5	132633.0	-7454.0	895	10.0	141624.0	-7431.5
626	9.8	113003.0	-7434.0	716	9.9	123640.0	-7457.5	806	10.0	132744.0	-7456.0	896	10.0	141716.0	-7452.0
627	10.0	113207.0	-7450.5	717	8.8	123645.0	-7422.0	807	10.0	132823.0	-7425.0	897	9.7	141727.0	-7443.0
628	9.8	113335.0	-7407.5	718	10.0	123653.0	-7437.0	808	9.1	132834.0	-7422.0	898	9.5	141820.0	-7411.5
629	10.0	113443.0	-7409.5	719	10.0	123735.0	-7455.5	809	10.0	132837.0	-7437.0	899	9.0	142030.0	-7409.5
630	9.0	113531.0	-7420.5	720	8.4	123738.0	-7430.0	810	9.3	132932.0	-7449.0	900	9.6	142033.0	-7445.5
631	8.3	113629.0	-7425.5	721	10.0	123819.0	-7428.0	811	9.2	132954.0	-7420.5	901	9.2	142310.0	-7434.5
632	6.5	113643.0	-7432.0	722	9.4	123820.0	-7404.0	812	9.8	133034.0	-7439.5	902	10.0	142314.0	-7430.5
633	10.0	113856.0	-7417.5	723	10.0	123831.0	-7455.0	813	10.0	133039.0	-7408.5	903	9.0	142402.0	-7412.5
634	8.4	113941.0	-7411.0	724	9.8	123850.0	-7446.0	814	6.7	133106.0	-7429.0	904	10.0	142408.0	-7420.5
635	10.0	114036.0	-7408.0	725	10.0	123910.0	-7439.0	815	9.7	133128.0	-7443.0	905	9.8	142431.0	-7426.0
636	9.2	114054.0	-7425.0	726	10.0	123920.0	-7403.5	816	8.2	133132.0	-7409.0	906	10.0	142436.0	-7441.0
637	9.5	114114.0	-7421.0	727	8.2	124029.0	-7438.0	817	10.0	133158.0	-7428.5	907	9.6	142450.0	-7441.5
638	9.6	114254.0	-7410.0	728	10.0	124032.0	-7449.0	818	10.0	133203.0	-7406.5	908	9.3	142553.0	-7438.0
639	9.2	114423.0	-7457.0	729	9.8	124034.0	-7437.0	819	9.7	133338.0	-7450.0	909	10.0	142619.0	-7421.0
640	10.2	114436.0	-7427.5	730	10.0	124048.0	-7411.0	820	10.0	133358.0	-7454.0	910	10.0	142623.0	-7436.5
641	9.5	114635.0	-7439.5	731	9.3	124056.0	-7420.0	821	10.0	133415.0	-7442.0	911	9.8	142635.0	-7428.0
642	10.0	114731.0	-7434.5	732	8.5	124150.0	-7425.0	822	10.0	133442.0	-7446.0	912	10.0	142646.0	-7439.5
643	9.8	114907.0	-7419.0	733	9.0	124205.0	-7432.0	823	9.4	133613.0	-7432.0	913	10.0	142648.0	-7432.5
644	9.1	115140.0	-7441.0	734	8.7	124358.0	-7404.0	824	10.0	133615.0	-7430.5	914	9.4	142708.0	-7449.0
645	10.0	115320.0	-7455.0	735	9.5	124507.0	-7413.0	825	9.8	133623.0	-7407.0	915	9.6	142714.0	-7456.0
646	10.0	115330.0	-7423.0	736	9.8	124515.0	-7449.5	826	9.7	133635.0	-7408.0	916	10.0	142747.0	-7420.0
647	8.7	115614.0	-7405.0	737	9.9	124635.0	-7451.5	827	10.0	133653.0	-7424.5	917	6.6	142900.0	-7436.0
648	9.2	115648.0	-7415.0	738	8.5	124649.0	-7401.0	828	10.0	133727.0	-7414.5	918	10.0	142919.0	-7444.0
649	10.0	115747.0	-7453.0	739	9.7	124702.0	-7449.0	829	9.8	133818.0	-7439.5	919	9.8	142952.0	-7419.0
650	10.0	115801.0	-7439.0	740	10.0	124708.0	-7428.0	830	9.9	133830.0	-7458.0	920	10.0	142955.0	-7443.5
651	7.9	115834.0	-7459.5	741	9.8	124809.0	-7442.5	831	9.5	133850.0	-7417.0	921	8.7	143120.0	-7427.0
652	10.0	115927.0	-7444.5	742	9.8	124818.0	-7403.0	832	10.0	133850.0	-7416.0	922	9.7	143159.0	-7458.0
653	9.7	115955.0	-7434.5	743	9.2	124832.0	-7458.0	833	9.6	133956.0	-7457.0	923	9.3	143221.0	-7441.5
654	10.0	120006.0	-7450.0	744	10.0	124906.0	-7444.0	834	9.8	134005.0	-7459.0	924	9.6	143244.0	-7419.0
655	10.0	120024.0	-7457.0	745	9.5	124908.0	-7439.0	835	8.5	134059.0	-7450.0	925	10.0	143318.0	-7450.0
656	5.8	120114.0	-7440.0	746	10.0	125030.0	-7429.0	836	9.0	134128.0	-7438.5	926	10.0	143430.0	-7459.0

927	9.9	143435.0	-7421.5	1017	9.8	152454.0	-7418.0	1107	10.2	160943.0	-7436.0	1197	10.0	170520.0	-7429.5
928	9.8	143632.0	-7451.0	1018	10.0	152526.0	-7436.0	1108	9.7	161100.0	-7451.0	1198	10.0	170638.0	-7442.0
929	6.8	143823.0	-7424.5	1019	8.5	152534.0	-7400.5	1109	10.0	161105.0	-7414.5	1199	8.4	170809.0	-7454.5
930	9.8	143922.0	-7447.5	1020	10.0	152536.0	-7423.0	1110	9.5	161128.0	-7403.0	1200	9.2	170935.0	-7450.5
931	10.0	143943.0	-7426.0	1021	10.0	152538.0	-7456.0	1111	7.3	161400.0	-7455.0	1201	9.5	171000.0	-7422.0
932	9.8	144022.0	-7434.5	1022	10.0	152545.0	-7447.0	1112	9.0	161518.0	-7402.0	1202	10.1	171013.0	-7447.0
933	9.5	144119.0	-7400.5	1023	10.0	152548.0	-7440.0	1113	10.0	161649.0	-7428.0	1203	10.1	171023.0	-7444.0
934	10.0	144142.0	-7444.0	1024	7.5	152609.0	-7401.5	1114	10.0	161651.0	-7456.0	1204	10.0	171045.0	-7458.0
935	9.2	144148.0	-7417.0	1025	9.8	152611.0	-7418.5	1115	9.3	161753.0	-7429.0	1205	9.3	171230.0	-7414.0
936	9.5	144302.0	-7406.0	1026	9.2	152655.0	-7450.0	1116	10.0	161902.0	-7405.5	1206	10.0	171345.0	-7403.5
937	10.0	144325.0	-7417.0	1027	9.9	152717.0	-7449.5	1117	10.0	161946.0	-7436.5	1207	8.6	171346.0	-7448.0
938	10.0	144349.0	-7406.0	1028	10.0	152720.0	-7430.5	1118	9.8	162025.0	-7457.0	1208	10.0	171358.0	-7448.0
939	10.0	144400.0	-7449.0	1029	10.0	152728.0	-7441.5	1119	9.3	162125.0	-7431.5	1209	9.5	171630.0	-7439.5
940	10.0	144400.0	-7444.0	1030	10.1	152740.0	-7446.5	1120	10.0	162148.0	-7415.5	1210	10.0	171640.0	-7403.0
941	10.1	144412.0	-7416.0	1031	10.0	152744.0	-7409.0	1121	10.0	162214.0	-7442.5	1211	9.5	171747.0	-7426.0
942	10.1	144431.0	-7429.5	1032	10.0	152906.0	-7418.0	1122	10.0	162251.0	-7433.5	1212	9.8	171810.0	-7407.0
943	9.8	144445.0	-7439.5	1033	10.0	153005.0	-7457.5	1123	9.9	162308.0	-7455.5	1213	9.5	171920.0	-7456.0
944	9.2	144509.0	-7429.5	1034	9.6	153051.0	-7430.5	1124	9.3	162338.0	-7416.5	1214	9.1	172128.0	-7408.5
945	9.6	144612.0	-7442.5	1035	7.7	153058.0	-7427.5	1125	9.0	162545.0	-7410.5	1215	7.5	172148.0	-7449.5
946	10.1	144620.0	-7402.0	1036	10.0	153138.0	-7445.0	1126	9.0	162555.0	-7451.5	1216	9.9	172200.0	-7422.0
947	6.5	144633.0	-7431.5	1037	9.5	153146.0	-7431.0	1127	8.8	162559.0	-7435.0	1217	9.8	172300.0	-7443.0
948	8.4	144855.0	-7413.5	1038	10.0	153155.0	-7436.5	1128	10.0	162610.0	-7418.0	1218	10.0	172420.0	-7448.0
949	9.6	144925.0	-7413.0	1039	10.0	153205.0	-7405.0	1129	9.4	162645.0	-7403.0	1219	9.9	172430.0	-7427.0
950	10.0	145006.0	-7431.5	1040	10.0	153312.0	-7458.5	1130	10.1	162725.0	-7410.0	1220	9.7	172435.0	-7445.5
951	8.8	145029.0	-7451.0	1041	9.8	153332.0	-7454.5	1131	9.7	162731.0	-7435.0	1221	10.0	172453.0	-7459.0
952	10.1	145045.0	-7428.5	1042	10.0	153405.0	-7449.0	1132	9.5	162750.0	-7409.0	1222	9.8	172510.0	-7454.5
953	9.8	145057.0	-7427.5	1043	10.0	153437.0	-7455.0	1133	9.2	162950.0	-7457.0	1223	10.0	172548.0	-7451.0
954	9.8	145155.0	-7420.5	1044	10.0	153438.0	-7401.5	1134	9.8	163030.0	-7429.5	1224	9.8	172610.0	-7404.5
955	9.1	145204.0	-7458.0	1045	8.5	153450.0	-7435.5	1135	10.0	163228.0	-7437.5	1225	10.0	172643.0	-7450.0
956	9.7	145209.0	-7402.0	1046	10.0	153516.0	-7414.5	1136	9.9	163252.0	-7450.0	1226	9.3	172652.0	-7402.0
957	8.9	145228.0	-7406.0	1047	10.0	153530.0	-7434.5	1137	9.1	163342.0	-7433.0	1227	9.1	172830.0	-7454.5
958	9.5	145253.0	-7435.0	1048	9.8	153614.0	-7411.5	1138	10.0	163414.0	-7440.0	1228	9.5	172950.0	-7411.0
959	10.0	145255.0	-7403.0	1049	10.0	153700.0	-7425.0	1139	9.6	163500.0	-7418.5	1229	9.7	172950.0	-7447.0
960	9.7	145327.0	-7420.0	1050	9.5	153721.0	-7453.0	1140	10.0	163525.0	-7453.5	1230	10.0	173127.0	-7417.0
961	9.4	145605.0	-7442.5	1051	9.8	153848.0	-7422.0	1141	10.0	163525.0	-7404.0	1231	10.0	173153.0	-7409.0
962	7.0	145610.0	-7458.5	1052	10.0	153852.0	-7412.0	1142	9.2	163612.0	-7446.0	1232	9.9	173156.0	-7418.0
963	10.0	145713.0	-7443.5	1053	10.0	153859.0	-7450.5	1143	9.8	163619.0	-7445.0	1233	9.6	173450.0	-7432.5
964	8.9	145737.0	-7416.0	1054	9.6	154000.0	-7408.0	1144	7.9	163625.0	-7436.0	1234	9.7	173520.0	-7414.0
965	9.7	145825.0	-7435.0	1055	8.8	154105.0	-7437.0	1145	9.8	163703.0	-7421.0	1235	9.6	173538.0	-7423.0
966	9.5	145833.0	-7446.0	1056	9.8	154134.0	-7420.0	1146	10.0	163705.0	-7412.5	1236	8.1	173620.0	-7458.0
967	10.0	145839.0	-7430.0	1057	10.0	154139.0	-7410.5	1147	8.5	163819.0	-7416.5	1237	9.8	174022.0	-7444.0
968	9.8	145844.0	-7422.0	1058	10.0	154143.0	-7438.0	1148	9.9	163835.0	-7435.5	1238	10.1	174208.0	-7452.5
969	10.0	145910.0	-7408.0	1059	9.7	154212.0	-7407.5	1149	9.5	163948.0	-7449.5	1239	9.6	174310.0	-7430.0
970	9.8	145959.0	-7436.0	1060	9.8	154255.0	-7431.0	1150	9.2	164050.0	-7426.0	1240	8.5	174648.0	-7418.0
971	7.8	150005.0	-7426.0	1061	9.8	154341.0	-7401.5	1151	10.0	164115.0	-7433.0	1241	8.0	175000.0	-7400.0
972	9.3	150057.0	-7443.0	1062	10.0	154401.0	-7412.0	1152	10.0	164122.0	-7400.0	1242	9.5	175028.0	-7404.0
973	10.0	150118.0	-7438.0	1063	10.0	154420.0	-7430.0	1153	9.4	164125.0	-7445.0	1243	9.5	175320.0	-7415.0
974	10.0	150121.0	-7439.0	1064	10.0	154426.0	-7451.0	1154	9.9	164315.0	-7402.0	1244	9.7	175331.0	-7407.0
975	10.0	150325.0	-7451.5	1065	9.4	154440.0	-7418.0	1155	10.0	164338.0	-7458.5	1245	10.0	175333.0	-7405.5
976	9.8	150345.0	-7402.5	1066	8.3	154506.0	-7414.0	1156	10.0	164347.0	-7449.5	1246	10.1	175347.0	-7400.5
977	8.2	150412.0	-7406.5	1067	9.8	154605.0	-7407.0	1157	10.0	164355.0	-7419.0	1247	10.0	175350.0	-7453.0
978	9.5	150419.0	-7457.0	1068	8.6	154758.0	-7412.0	1158	9.8	164413.0	-7403.0	1248	8.0	175635.0	-7418.0
979	7.8	150545.0	-7452.0	1069	9.3	154806.0	-7422.0	1159	10.0	164415.0	-7431.0	1249	9.3	175728.0	-7414.0
980	9.2	150559.0	-7431.0	1070	9.9	155055.0	-7453.0	1160	9.0	164537.0	-7444.5	1250	8.4	175738.0	-7419.5
981	9.2	150605.0	-7406.0	1071	9.5	155057.0	-7415.0	1161	10.0	164544.0	-7428.0	1251	8.5	175903.0	-7403.5
982	9.9	150616.0	-7451.5	1072	10.0	155059.0	-7449.0	1162	10.0	164633.0	-7456.5	1252	9.3	180109.0	-7447.0
983	8.5	150705.0	-7415.5	1073	10.0	155154.0	-7448.0	1163	9.7	164755.0	-7407.0	1253	10.0	180120.0	-7436.0
984	10.2	150915.0	-7442.5	1074	10.0	155236.0	-7429.0	1164	9.5	164800.0	-7413.5	1254	9.8	180340.0	-7423.5
985	9.9	150925.0	-7401.5	1075	9.9	155238.0	-7444.0	1165	9.9	164825.0	-7448.5	1255	9.0	180438.0	-7442.5
986	10.2	150934.0	-7438.0	1076	9.1	155525.0	-7441.0	1166	9.8	164841.0	-7424.0	1256	8.8	180504.0	-7424.5
987	8.5	150946.0	-7445.0	1077	10.0	155529.0	-7440.0	1167	9.6	164843.0	-7447.5	1257	9.9	180540.0	-7408.0
988	9.0	150955.0	-7436.0	1078	10.0	155550.0	-7445.5	1168	9.7	164920.0	-7453.0	1258	9.5	180719.0	-7406.0
989	9.2	151012.0	-7446.0	1079	9.5	155627.0	-7425.0	1169	10.0	165005.0	-7407.0	1259	9.6	181152.0	-7437.0
990	8.9	151013.0	-7436.0	1080	8.3	155640.0	-7443.5	1170	9.8	165032.0	-7420.0	1260	10.0	181349.0	-7457.0
991	9.5	151136.0	-7409.0	1081	9.3	155650.0	-7440.5	1171	9.6	165040.0	-7448.0	1261	6.4	181653.0	-7402.5
992	10.0	151158.0	-7422.0	1082	7.8	155655.0	-7457.5	1172	9.4	165200.0	-7426.0	1262	9.6	181835.0	-7425.5
993	8.6	151207.0	-7449.0	1083	10.0	155714.0	-7414.0	1173	9.9	165236.0	-7428.0	1263	9.8	181920.0	-7406.0
994	10.0	151245.0	-7419.5	1084	10.0	155742.0	-7429.0	1174	10.0	165243.0	-7450.5	1264	9.5	181953.0	-7420.5
995	9.6	151305.0	-7412.5	1085	10.0	155829.0	-7409.5	1175	7.4	165303.0	-7453.5	1265	9.5	182115.0	-7410.5
996	9.5	151505.0	-7401.5	1086	9.8	160048.0	-7457.5	1176	8.0	165336.0	-7437.0	1266	9.0	182120.0	-7428.0
997	10.0	151535.0	-7455.5	1087	9.7	160050.0	-7437.0	1177	10.0	165418.0	-7433.0	1267	9.6	182450.0	-7449.0
998	10.0	151545.0	-7434.5	1088	9.7	160053.0	-7436.0	1178	8.9	165446.0	-7414.0	1268	9.4	182558.0	-7434.0
999	8.5	151614.0	-7408.5	1089	10.0	160057.0	-7434.0	1179	10.0	165510.0	-7406.0	1269	9.8	182654.0	-7427.5
1000	9.2	151637.0	-7418.0	1090	9.5	160114.0	-7458.5	1180	9.9	165620.0	-7453.0	1270	10.0	182712.0	-7411.5
1001	9.6	151648.0	-7421.0	1091	10.0	160155.0	-7449.0	1181	10.0	165724.0	-7416.0	1271	8.4	182726.0	-7446.0
1002	10.0	151648.0	-7456.0	1092	10.0	160158.0	-7448.0	1182	10.0	165757.0	-7417.0	1272	9.1	182740.0	-7451.0
1003	10.0	151655.0	-7416.0	1093	9.8	160220.0	-7405.0	1183	10.0	165812.0	-7436.5	1273	9.5	183036.0	-7443.5
1004	8.9	151715.0	-7420.5	1094	9.8	160254.0	-7419.0	1184	9.2	165847.0	-7424.5	1274	9.7	183109.0	-7428.0
1005	10.0	151834.0	-7444.0	1095	9.7	160305.0	-7458.0	1185	10.0	165854.0	-7407.0	1275	9.8	183143.0	-7455.0
1006	10.0	151918.0	-7405.0	1096	9.2	160344.0	-7444.5	1186	9.5	165857.0	-7438.0	1276	10.1	183153.0	-7407.0
1007	9.9	152009.0	-7432.0	1097	9.6	160351.0	-7455.5	1187	6.4	170028.0	-7422.5	1277	10.1	183336.0	-7407.5
1008	8.3	152055.0	-7453.5	1098	10.0	160423.0	-7442.0	1188	10.0	170120.0	-7452.5	1278	9.8	183448.0	-7436.0
1009	8.8	152109.0	-7428.0	1099	10.0	160429.0	-7437.0	1189	10.2	170126.0	-7418.5	1279	10.2	183520.0	-7444.0
1010	9.8	152118.0	-7403.0	1100	9.8	160516.0	-7433.5	1190	9.5	170135.0	-7406.5	1280	10.0	183618.0	-7410.5
1011	10.0	152204.0	-7448.0	1101	8.8	160537.0	-7447.0	1191	9.7	170258.0	-7455.0	1281	9.9	183717.0	-7405.0
1012	9.2	152303.0	-7400.5	1102	10.0	160653.0	-7437.5	1192	9.6	170306.0	-7444.5	1282	10.0	183800.0	-7458.0
1013	8.5	152347.0	-7400.0	1103	10.0	160719.0	-7452.0	1193	10.0	170329.0	-7404.0	1283	8.6	183919.0	-7449.0
1014	10.0	152348.0	-7449.0	1104	8.5	160900.0	-7434.0	1194	7.5	170332.0	-7427.5	1284	10.1	184123.0	-7446.0
1015	9.9	152419.0	-7459.0	1105	9.8	160934.0	-7444.0	1195	8.9	170359.0	-7411.5	1285	10.1	184142.0	-7421.0
1016	10.0	152444.0	-7410.0	1106	10.0	160941.0	-7437.0	1196	9.3	170450.0	-7412.5	1286	9.5	184234.0	-7456.0

1287	9.9	184241.0	-7404.5	1377	9.7	195307.0	-7438.0	1467	9.8	213350.0	-7449.0	1557	8.1	232437.0	-7453.5
1288	9.9	184354.0	-7431.0	1378	9.8	195320.0	-7409.5	1468	9.7	213401.0	-7455.0	1558	8.4	232612.0	-7426.0
1289	9.9	184358.0	-7431.5	1379	7.6	195408.0	-7434.0	1469	9.8	213838.0	-7404.0	1559	10.0	232720.0	-7430.0
1290	10.1	184430.0	-7422.5	1380	9.5	195540.0	-7411.0	1470	10.0	213917.0	-7400.5	1560	9.7	232850.0	-7459.0
1291	9.8	184510.0	-7433.5	1381	10.0	195653.0	-7449.0	1471	9.8	214035.0	-7431.5	1561	10.0	232935.0	-7409.0
1292	10.0	184522.0	-7400.5	1382	10.2	195817.0	-7452.0	1472	8.2	214102.0	-7443.5	1562	9.5	233016.0	-7436.5
1293	9.0	184547.0	-7414.5	1383	9.5	195843.0	-7428.5	1473	10.0	214128.0	-7449.0	1563	10.0	233123.0	-7440.0
1294	10.0	184552.0	-7426.0	1384	9.5	195908.0	-7417.5	1474	8.7	214134.0	-7418.5	1564	9.7	233231.0	-7456.0
1295	10.0	184726.0	-7439.0	1385	9.9	200054.0	-7422.5	1475	9.0	214211.0	-7414.0	1565	10.0	233319.0	-7434.0
1296	10.2	184730.0	-7439.5	1386	10.2	200415.0	-7414.5	1476	8.5	214227.0	-7430.5	1566	9.2	233412.0	-7428.0
1297	8.5	184753.0	-7445.0	1387	10.0	200427.0	-7418.5	1477	8.4	214303.0	-7412.5	1567	10.1	233522.0	-7455.0
1298	9.3	184828.0	-7438.5	1388	10.1	200450.0	-7413.5	1478	7.3	214318.0	-7400.5	1568	10.2	233559.0	-7423.0
1299	10.0	184921.0	-7418.5	1389	9.5	200524.0	-7458.0	1479	10.0	214818.0	-7442.0	1569	7.9	233613.0	-7454.5
1300	9.5	184950.0	-7412.0	1390	8.3	200640.0	-7422.0	1480	8.8	214820.0	-7429.5	1570	10.2	233720.0	-7418.0
1301	10.2	184950.0	-7417.0	1391	10.0	200730.0	-7422.0	1481	9.3	214825.0	-7442.5	1571	10.2	233737.0	-7403.0
1302	9.9	185002.0	-7432.0	1392	10.1	200737.0	-7432.5	1482	9.6	214900.0	-7455.0	1572	10.2	234008.0	-7448.5
1303	7.4	185035.0	-7456.0	1393	9.9	200936.0	-7427.0	1483	9.0	215002.0	-7427.5	1573	10.0	234220.0	-7403.0
1304	10.0	185042.0	-7401.0	1394	10.2	201035.0	-7412.0	1484	9.3	215358.0	-7407.5	1574	9.3	234418.0	-7424.0
1305	9.9	185107.0	-7436.0	1395	10.2	201053.0	-7415.5	1485	9.5	215530.0	-7420.0	1575	9.9	234430.0	-7450.0
1306	10.0	185115.0	-7435.5	1396	9.6	201100.0	-7403.0	1486	9.0	215556.0	-7441.5	1576	10.0	234605.0	-7452.5
1307	9.9	185145.0	-7423.0	1397	9.3	201115.0	-7446.0	1487	9.2	220210.0	-7432.5	1577	8.5	234612.0	-7437.5
1308	10.0	185343.0	-7407.0	1398	9.3	201118.0	-7443.0	1488	8.5	220319.0	-7401.5	1578	10.0	234634.0	-7456.5
1309	9.9	185514.0	-7455.0	1399	10.0	201150.0	-7407.0	1489	9.7	221004.0	-7453.0	1579	9.2	234748.0	-7439.0
1310	10.2	185622.0	-7413.0	1400	10.0	201239.0	-7414.5	1490	9.6	221240.0	-7418.0	1580	10.0	234800.0	-7432.5
1311	10.2	185714.0	-7434.5	1401	10.1	201249.0	-7424.5	1491	9.2	221309.0	-7404.5	1581	9.8	234809.0	-7436.5
1312	10.1	185735.0	-7452.5	1402	8.0	201258.0	-7441.0	1492	9.9	221316.0	-7457.0	1582	10.2	234908.0	-7406.0
1313	10.2	185735.0	-7424.5	1403	9.9	201300.0	-7454.0	1493	9.9	221410.0	-7403.5	1583	10.0	234953.0	-7412.0
1314	10.2	185738.0	-7425.0	1404	10.0	201353.0	-7444.5	1494	10.0	221414.0	-7403.5	1584	10.1	235030.0	-7454.5
1315	8.9	190109.0	-7408.0	1405	9.5	201401.0	-7438.0	1495	9.8	221655.0	-7403.5	1585	10.1	235200.0	-7435.0
1316	8.5	190156.0	-7432.0	1406	10.1	201739.0	-7407.0	1496	9.4	221830.0	-7411.5	1586	8.6	235226.0	-7445.0
1317	10.0	190220.0	-7459.5	1407	9.5	201923.0	-7458.0	1497	9.7	221840.0	-7445.0	1587	10.2	235237.0	-7458.0
1318	8.8	190432.0	-7459.5	1408	10.0	202046.0	-7410.5	1498	9.9	221958.0	-7420.5	1588	10.0	235253.0	-7458.0
1319	7.8	190433.0	-7452.0	1409	9.5	202226.0	-7418.5	1499	10.0	222000.0	-7431.0	1589	8.5	235258.0	-7440.0
1320	10.2	190643.0	-7438.5	1410	9.8	202255.0	-7401.0	1500	9.8	222020.0	-7439.0	1590	9.9	235436.0	-7404.0
1321	10.0	190656.0	-7438.0	1411	10.0	202600.0	-7448.5	1501	9.2	222143.0	-7419.5	1591	9.7	235720.0	-7401.0
1322	9.9	190711.0	-7458.5	1412	9.5	202701.0	-7450.5	1502	9.5	222325.0	-7422.5	1592	8.5	235813.0	-7433.0
1323	9.9	190801.0	-7448.0	1413	9.2	202735.0	-7403.5	1503	9.7	222420.0	-7431.5	1	9.5	00008.0	-7506.0
1324	10.0	190923.0	-7427.0	1414	9.5	202817.0	-7459.5	1504	9.8	222430.0	-7411.0	2	9.3	00257.0	-7507.0
1325	8.3	190938.0	-7454.0	1415	9.5	202836.0	-7454.5	1505	9.5	222500.0	-7446.0	3	10.2	00624.0	-7555.0
1326	9.5	191015.0	-7454.0	1416	9.7	202921.0	-7439.0	1506	9.6	222730.0	-7412.0	4	8.8	00754.0	-7523.0
1327	10.0	191032.0	-7417.0	1417	9.5	203255.0	-7402.5	1507	7.7	222745.0	-7405.0	5	7.3	00810.0	-7536.5
1328	10.1	191049.0	-7450.0	1418	8.8	203429.0	-7445.5	1508	8.7	222954.0	-7436.0	6	9.9	01154.0	-7507.0
1329	10.1	191053.0	-7404.5	1419	8.8	203459.0	-7444.0	1509	9.4	223136.0	-7414.0	7	9.3	01235.0	-7555.0
1330	10.1	191103.0	-7406.5	1420	8.0	203758.0	-7409.0	1510	9.9	223206.0	-7411.0	8	10.2	01246.0	-7556.0
1331	9.9	191123.0	-7456.5	1421	9.9	203819.0	-7418.5	1511	10.0	223528.0	-7413.0	9	10.0	01442.0	-7549.0
1332	8.9	191132.0	-7426.5	1422	10.0	204139.0	-7444.5	1512	9.5	223553.0	-7437.0	10	9.0	01530.0	-7534.0
1333	9.6	191209.0	-7456.5	1423	10.0	204244.0	-7427.0	1513	10.0	223608.0	-7436.5	11	9.5	01832.0	-7556.5
1334	9.8	191255.0	-7410.5	1424	9.2	204502.0	-7458.0	1514	10.0	223718.0	-7409.0	12	9.2	01859.0	-7531.0
1335	10.0	191330.0	-7435.0	1425	10.0	204549.0	-7415.5	1515	9.2	223758.0	-7431.0	13	9.5	01924.0	-7544.5
1336	9.8	191524.0	-7443.0	1426	8.6	204555.0	-7455.0	1516	10.0	223902.0	-7441.0	14	9.0	01934.0	-7557.5
1337	7.5	191529.0	-7414.0	1427	9.8	204807.0	-7458.0	1517	9.9	223933.0	-7404.0	15	8.7	01958.0	-7506.0
1338	9.5	191536.0	-7402.0	1428	10.0	204850.0	-7408.5	1518	10.0	224044.0	-7400.0	16	9.2	02347.0	-7527.5
1339	8.5	191541.0	-7402.5	1429	9.2	205027.0	-7414.0	1519	9.9	224231.0	-7427.0	17	10.0	02350.0	-7530.5
1340	9.8	191608.0	-7441.0	1430	10.0	205047.0	-7411.5	1520	10.0	224304.0	-7401.5	18	9.5	02710.0	-7557.0
1341	10.0	191631.0	-7454.5	1431	10.0	205135.0	-7445.5	1521	10.0	224318.0	-7402.0	19	8.8	03058.0	-7533.5
1342	10.0	191858.0	-7443.0	1432	9.5	205259.0	-7440.0	1522	8.1	224447.0	-7404.5	20	9.0	03405.0	-7550.0
1343	10.0	192002.0	-7407.5	1433	9.3	205316.0	-7417.0	1523	9.9	224453.0	-7429.0	21	9.8	04108.0	-7524.0
1344	10.0	192015.0	-7430.0	1434	9.6	205507.0	-7417.5	1524	9.5	224732.0	-7437.5	22	10.0	04228.0	-7528.0
1345	8.5	192147.0	-7429.5	1435	10.0	205523.0	-7407.0	1525	7.8	224915.0	-7427.0	23	5.6	04416.0	-7536.0
1346	9.9	192204.0	-7444.5	1436	10.0	205536.0	-7422.5	1526	10.0	224931.0	-7422.0	24	10.0	04514.0	-7540.0
1347	10.0	192304.0	-7439.5	1437	10.0	210110.0	-7433.0	1527	10.0	225019.0	-7454.0	25	9.3	04755.0	-7533.0
1348	9.7	192517.0	-7453.5	1438	9.2	210211.0	-7455.5	1528	8.0	225037.0	-7408.5	26	7.8	04854.0	-7520.0
1349	9.6	192641.0	-7432.0	1439	8.8	210215.0	-7412.5	1529	9.5	225211.0	-7443.5	27	9.2	05324.0	-7540.5
1350	10.0	192736.0	-7440.0	1440	10.2	210329.0	-7410.0	1530	10.1	225211.0	-7454.0	28	9.3	05645.0	-7559.5
1351	9.7	192824.0	-7405.5	1441	10.0	210346.0	-7402.0	1531	9.7	225241.0	-7416.0	29	10.0	05725.0	-7528.0
1352	7.8	192841.0	-7444.5	1442	9.5	210501.0	-7456.0	1532	10.0	225436.0	-7454.5	30	10.0	05801.0	-7507.5
1353	9.5	192905.0	-7440.0	1443	10.0	210630.0	-7436.5	1533	10.0	225440.0	-7454.0	31	10.0	05952.0	-7503.0
1354	9.5	192926.0	-7413.5	1444	10.1	210750.0	-7441.5	1534	9.7	225846.0	-7442.0	32	9.8	10350.0	-7546.0
1355	9.9	193032.0	-7459.0	1445	9.7	210836.0	-7451.5	1535	10.0	225855.0	-7446.0	33	9.8	10951.0	-7533.0
1356	9.7	193221.0	-7415.0	1446	8.2	210902.0	-7423.0	1536	6.5	225951.0	-7415.5	34	9.8	10958.0	-7526.5
1357	10.1	193240.0	-7424.0	1447	9.5	211225.0	-7402.0	1537	9.5	230315.0	-7436.0	35	9.4	11006.0	-7546.5
1358	8.3	193339.0	-7425.5	1448	9.2	211301.0	-7426.5	1538	9.6	230436.0	-7412.5	36	9.5	11104.0	-7517.5
1359	9.3	193528.0	-7405.0	1449	9.2	211304.0	-7432.5	1539	9.9	230512.0	-7440.0	37	10.0	11350.0	-7525.0
1360	8.9	193552.0	-7423.5	1450	10.0	211347.0	-7403.0	1540	9.4	230637.0	-7452.0	38	10.1	11432.0	-7545.0
1361	9.8	193718.0	-7410.5	1451	10.0	211353.0	-7410.0	1541	8.9	230727.0	-7433.5	39	10.0	11457.0	-7537.5
1362	9.8	193812.0	-7413.5	1452	10.2	211359.0	-7435.0	1542	9.7	230813.0	-7455.5	40	10.0	11624.0	-7529.5
1363	9.5	193857.0	-7439.5	1453	8.9	211750.0	-7444.0	1543	9.7	230820.0	-7449.5	41	9.8	11740.0	-7505.0
1364	7.3	194417.0	-7427.0	1454	9.6	211922.0	-7424.0	1544	9.9	230855.0	-7417.0	42	10.0	11943.0	-7544.5
1365	10.0	194528.0	-7412.0	1455	10.0	211932.0	-7451.0	1545	10.0	230942.0	-7451.0	43	10.1	12100.0	-7555.0
1366	9.2	194531.0	-7441.5	1456	7.8	212001.0	-7426.5	1546	9.8	231217.0	-7408.5	44	10.1	12112.0	-7544.5
1367	6.6	194650.0	-7420.5	1457	9.5	212009.0	-7413.0	1547	10.0	231236.0	-7427.0	45	10.0	12246.0	-7539.5
1368	9.8	194655.0	-7454.0	1458	10.0	212024.0	-7404.0	1548	9.0	231345.0	-7423.5	46	9.8	12350.0	-7559.5
1369	9.0	194838.0	-7432.0	1459	9.8	212224.0	-7412.0	1549	9.1	231350.0	-7451.0	47	7.8	12517.0	-7541.5
1370	9.5	194843.0	-7405.0	1460	9.7	212532.0	-7413.5	1550	9.2	231620.0	-7403.0	48	9.2	12817.0	-7552.5
1371	9.2	194949.0	-7423.0	1461	10.0	212557.0	-7405.0	1551	9.5	231805.0	-7434.0	49	8.8	12906.0	-7515.5
1372	10.1	195155.0	-7429.5	1462	9.8	212627.0	-7441.0	1552	10.0	231810.0	-7445.0	50	10.0	12946.0	-7517.5
1373	9.8	195156.0	-7407.5	1463	7.4	212816.0	-7438.5	1553	7.5	231856.0	-7431.5	51	8.6	13219.0	-7519.0
1374	10.1	195216.0	-7413.5	1464	10.0	212938.0	-7427.5	1554	9.8	232003.0	-7449.0	52	8.9	13256.0	-7533.5
1375	8.7	195229.0	-7456.0	1465	10.0	212954.0	-7447.0	1555	8.2	232316.0	-7449.5	53	9.8	13413.0	-7533.0
1376	10.0	195246.0	-7426.0	1466	9.5	213124.0	-7434.0	1556	10.0	232411.0	-7454.0	54	10.1	13505.0	-7544.5

55	10.0	13707.0	-7516.0	145	9.9	34645.0	-7531.0	235	9.7	55129.0	-7517.0	325	10.0	74316.0	-7534.0
56	7.8	13755.0	-7537.0	146	7.4	35030.0	-7504.5	236	9.5	55252.0	-7503.0	326	9.4	74502.0	-7528.0
57	9.8	14423.0	-7525.5	147	9.5	35538.0	-7546.0	237	10.0	55432.0	-7507.0	327	10.0	74508.0	-7509.0
58	10.0	14426.0	-7528.5	148	8.2	35619.0	-7540.5	238	9.2	55750.0	-7521.0	328	10.0	74614.0	-7555.0
59	7.5	14451.0	-7522.0	149	8.6	35753.0	-7531.5	239	9.8	55802.0	-7537.0	329	9.9	74926.0	-7526.0
60	8.5	14802.0	-7552.0	150	9.9	35800.0	-7529.0	240	9.0	55915.0	-7528.0	330	10.0	75028.0	-7542.5
61	9.2	14816.0	-7527.0	151	9.7	40107.0	-7506.0	241	10.1	55954.0	-7525.0	331	9.6	75119.0	-7549.5
62	9.5	14934.0	-7529.0	152	8.5	40358.0	-7557.0	242	10.0	60107.0	-7538.0	332	9.7	75313.0	-7516.0
63	9.5	14957.0	-7520.5	153	9.1	40603.0	-7530.0	243	9.5	60122.0	-7543.0	333	10.0	75333.0	-7538.0
64	10.0	15113.0	-7523.0	154	9.2	40840.0	-7551.5	244	10.0	60130.0	-7504.0	334	10.0	75519.0	-7518.0
65	9.7	15145.0	-7514.5	155	9.8	41016.0	-7541.0	245	9.9	60131.0	-7505.0	335	9.6	75527.0	-7503.5
66	9.0	15334.0	-7543.5	156	9.9	41350.0	-7525.5	246	10.0	60132.0	-7539.0	336	10.0	75558.0	-7555.0
67	8.2	15547.0	-7558.5	157	10.0	41658.0	-7554.0	247	9.8	60229.0	-7559.5	337	10.0	75922.0	-7543.5
68	9.5	15558.0	-7556.0	158	9.5	41722.0	-7540.0	248	10.0	60235.0	-7559.0	338	9.9	75925.0	-7531.5
69	8.7	15910.0	-7513.5	159	8.5	41933.0	-7539.0	249	8.4	60300.0	-7510.0	339	10.0	75950.0	-7526.0
70	6.9	20040.0	-7503.0	160	9.0	42356.0	-7541.0	250	9.5	60303.0	-7523.5	340	10.0	80055.0	-7510.0
71	8.6	20637.0	-7509.5	161	9.3	42438.0	-7522.5	251	10.0	61000.0	-7509.0	341	9.5	80124.0	-7517.5
72	9.5	20648.0	-7517.5	162	8.2	42741.0	-7553.0	252	9.6	61030.0	-7551.5	342	10.0	80303.0	-7543.5
73	9.8	20653.0	-7555.5	163	8.0	42819.0	-7558.0	253	10.0	61220.0	-7559.0	343	9.5	80307.0	-7543.0
74	7.0	21024.0	-7505.0	164	9.2	42840.0	-7509.0	254	10.0	61409.0	-7549.0	344	9.6	80310.0	-7509.0
75	9.2	21400.0	-7558.0	165	10.0	43258.0	-7559.5	255	10.0	61422.0	-7534.0	345	9.1	80353.0	-7552.0
76	9.5	21523.0	-7514.5	166	9.5	43307.0	-7553.5	256	7.4	61558.0	-7502.5	346	10.0	80552.0	-7553.0
77	10.0	21916.0	-7508.5	167	9.8	43501.0	-7539.5	257	9.0	61712.0	-7544.5	347	10.0	81037.0	-7513.5
78	9.8	22225.0	-7512.0	168	8.5	43549.0	-7556.0	258	8.7	61720.0	-7553.0	348	10.0	81105.0	-7548.0
79	9.6	22302.0	-7523.5	169	10.0	43623.0	-7555.0	259	8.7	61732.0	-7555.0	349	9.2	81122.0	-7541.5
80	8.0	22346.0	-7500.0	170	9.5	43830.0	-7555.5	260	9.8	61900.0	-7507.0	350	10.0	81411.0	-7539.0
81	9.8	22552.0	-7558.5	171	10.0	44100.0	-7502.5	261	10.0	61934.0	-7512.0	351	9.9	81448.0	-7551.0
82	10.0	22609.0	-7554.5	172	9.7	44235.0	-7520.5	262	8.8	62315.0	-7510.0	352	9.0	81636.0	-7547.0
83	9.7	22647.0	-7505.5	173	9.6	44250.0	-7501.0	263	8.2	62520.0	-7503.5	353	10.0	81651.0	-7505.0
84	9.2	22708.0	-7522.0	174	10.0	44356.0	-7531.0	264	10.0	62532.0	-7532.0	354	10.0	81700.0	-7546.0
85	9.6	22813.0	-7504.0	175	9.2	44403.0	-7523.0	265	9.9	62855.0	-7516.0	355	10.0	81759.0	-7508.5
86	9.7	22815.0	-7555.5	176	10.0	44406.0	-7511.0	266	10.0	63253.0	-7558.0	356	9.9	81845.0	-7509.5
87	10.0	23117.0	-7530.5	177	10.0	44454.0	-7544.0	267	9.8	63852.0	-7502.0	357	9.5	82015.0	-7546.5
88	9.8	23216.0	-7503.0	178	10.0	44817.0	-7539.0	268	9.2	63853.0	-7506.5	358	10.0	82020.0	-7557.0
89	10.0	23227.0	-7522.0	179	9.3	44906.0	-7521.5	269	9.2	63958.0	-7542.5	359	10.0	82046.0	-7547.0
90	9.8	23320.0	-7542.0	180	10.0	45050.0	-7517.5	270	10.0	64000.0	-7553.0	360	10.0	82141.0	-7501.5
91	9.3	23357.0	-7537.5	181	9.2	45108.0	-7517.0	271	9.0	64016.0	-7540.5	361	9.5	82153.0	-7501.5
92	10.0	23510.0	-7531.5	182	9.5	45211.0	-7559.5	272	9.4	64054.0	-7533.0	362	9.0	82433.0	-7557.0
93	8.8	23515.0	-7502.5	183	10.0	45517.0	-7547.5	273	10.0	64202.0	-7549.0	363	9.9	82506.0	-7519.5
94	9.9	23614.0	-7514.0	184	10.0	45535.0	-7543.5	274	9.7	64241.0	-7540.0	364	10.0	82740.0	-7538.0
95	9.5	23620.0	-7525.0	185	9.9	45650.0	-7513.0	275	9.0	64325.0	-7523.0	365	10.0	82902.0	-7518.0
96	10.0	23808.0	-7522.0	186	10.0	45841.0	-7512.0	276	10.0	64329.0	-7539.0	366	10.0	82939.0	-7557.0
97	9.2	23850.0	-7514.5	187	6.0	45850.0	-7508.0	277	9.5	64530.0	-7521.5	367	10.0	83056.0	-7550.0
98	9.3	23923.0	-7527.0	188	10.0	50057.0	-7513.5	278	9.4	64759.0	-7526.5	368	10.0	83102.0	-7550.0
99	8.8	23930.0	-7521.5	189	9.4	50215.0	-7527.0	279	9.9	64852.0	-7553.5	369	9.5	83109.0	-7552.5
100	8.8	24229.0	-7546.0	190	10.0	50236.0	-7506.0	280	10.0	64915.0	-7547.0	370	10.0	83136.0	-7547.5
101	9.1	24525.0	-7521.5	191	9.9	50501.0	-7544.0	281	10.0	64933.0	-7551.0	371	10.0	83740.0	-7526.0
102	9.3	24850.0	-7523.0	192	10.0	50505.0	-7516.0	282	10.0	65055.0	-7551.0	372	9.9	83747.0	-7553.0
103	9.3	24904.0	-7554.0	193	10.0	50738.0	-7505.5	283	9.8	65156.0	-7533.0	373	10.0	83900.0	-7511.5
104	5.1	25120.0	-7534.5	194	9.0	50805.0	-7511.0	284	9.5	65331.0	-7518.0	374	8.5	83921.0	-7543.5
105	8.7	25152.0	-7528.5	195	8.9	50808.0	-7505.0	285	9.8	65347.0	-7510.0	375	10.0	84005.0	-7537.0
106	9.5	25310.0	-7517.5	196	9.8	51110.0	-7541.0	286	10.0	65410.0	-7553.0	376	10.0	84017.0	-7509.0
107	8.5	25445.0	-7556.5	197	8.6	51610.0	-7530.0	287	9.5	65440.0	-7533.5	377	9.0	84118.0	-7516.5
108	9.1	25546.0	-7524.5	198	9.4	51626.0	-7517.0	288	10.0	65558.0	-7514.5	378	9.9	84122.0	-7549.0
109	9.0	25630.0	-7531.0	199	10.0	51857.0	-7508.0	289	10.0	65720.0	-7516.5	379	9.5	84131.0	-7511.0
110	9.7	25700.0	-7524.5	200	9.7	51950.0	-7514.0	290	10.0	65822.0	-7505.0	380	9.9	84420.0	-7540.0
111	9.5	25740.0	-7548.0	201	10.0	51950.0	-7515.0	291	10.0	70140.0	-7532.5	381	9.5	84426.0	-7519.0
112	9.9	25800.0	-7559.5	202	9.7	52027.0	-7511.0	292	9.3	70226.0	-7514.0	382	9.2	84432.0	-7513.0
113	10.0	30130.0	-7541.0	203	9.9	52107.0	-7510.0	293	9.3	70233.0	-7527.0	383	10.0	84528.0	-7504.0
114	9.8	30230.0	-7541.5	204	9.5	52150.0	-7518.0	294	9.2	70339.0	-7501.5	384	9.5	84530.0	-7541.0
115	9.6	30248.0	-7559.0	205	10.0	52238.0	-7513.0	295	9.1	70523.0	-7526.0	385	9.8	84630.0	-7556.0
116	8.5	30252.0	-7546.0	206	10.0	52328.0	-7546.0	296	9.8	70803.0	-7530.0	386	9.6	84636.0	-7548.0
117	9.5	30516.0	-7538.0	207	10.0	52340.0	-7535.0	297	8.5	70806.0	-7502.0	387	9.0	84703.0	-7513.0
118	8.9	30658.0	-7512.0	208	10.0	52411.0	-7501.5	298	10.0	71012.0	-7517.0	388	8.8	84742.0	-7526.0
119	9.7	30720.0	-7532.0	209	9.8	52518.0	-7545.0	299	9.3	71012.0	-7537.0	389	10.0	84910.0	-7553.0
120	8.7	30730.0	-7534.0	210	8.8	52618.0	-7507.0	300	10.0	71015.0	-7539.0	390	9.5	85032.0	-7528.0
121	9.8	30844.0	-7530.0	211	9.9	52642.0	-7506.5	301	8.3	71156.0	-7550.5	391	10.0	85130.0	-7520.0
122	9.8	31005.0	-7520.5	212	9.8	52715.0	-7549.0	302	8.4	71206.0	-7505.5	392	10.1	85142.0	-7526.5
123	9.5	31026.0	-7511.0	213	9.7	52846.0	-7543.5	303	9.3	71442.0	-7558.0	393	9.0	85145.0	-7511.0
124	9.9	31028.0	-7509.0	214	8.0	52950.0	-7547.0	304	9.5	71452.0	-7515.5	394	9.6	85226.0	-7529.0
125	8.6	31240.0	-7542.0	215	10.0	53155.0	-7530.0	305	9.5	71520.0	-7511.0	395	10.0	85305.0	-7545.0
126	7.7	31245.0	-7508.0	216	10.0	53203.0	-7559.0	306	9.4	71556.0	-7558.0	396	10.2	85440.0	-7549.0
127	8.0	31323.0	-7554.0	217	9.9	53233.0	-7514.0	307	10.0	71646.0	-7538.0	397	10.0	85535.0	-7525.0
128	10.0	31548.0	-7521.0	218	8.3	53707.0	-7519.0	308	10.0	71702.0	-7528.0	398	10.0	85600.0	-7507.0
129	10.0	31856.0	-7530.5	219	9.5	53722.0	-7515.5	309	7.8	71930.0	-7538.0	399	10.0	85638.0	-7545.0
130	10.0	32030.0	-7502.0	220	9.2	53824.0	-7510.0	310	9.3	72126.0	-7526.5	400	10.0	85642.0	-7527.0
131	10.0	32123.0	-7531.0	221	9.9	53936.0	-7525.5	311	10.0	72143.0	-7558.0	401	8.5	85730.0	-7546.0
132	8.1	32254.0	-7502.5	222	10.0	54101.0	-7513.0	312	10.0	72438.0	-7555.0	402	8.2	85805.0	-7554.5
133	9.5	32410.0	-7537.0	223	8.8	54146.0	-7531.0	313	8.8	72516.0	-7506.5	403	8.2	90117.0	-7514.0
134	9.1	32518.0	-7543.0	224	10.0	54208.0	-7531.0	314	9.2	72538.0	-7542.0	404	10.0	90223.0	-7534.0
135	9.0	32546.0	-7525.0	225	10.0	54556.0	-7511.0	315	8.0	72946.0	-7519.5	405	9.8	90316.0	-7549.0
136	7.7	33155.0	-7501.0	226	10.0	54612.0	-7518.0	316	8.9	73207.0	-7508.5	406	10.0	90426.0	-7500.5
137	8.9	33508.0	-7533.0	227	8.5	54653.0	-7553.0	317	9.5	73215.0	-7518.5	407	10.2	90635.0	-7529.0
138	10.0	33515.0	-7548.0	228	9.2	54656.0	-7518.0	318	9.3	73405.0	-7538.0	408	9.8	90644.0	-7535.0
139	10.0	33539.0	-7533.0	229	9.9	54734.0	-7534.5	319	8.9	73509.0	-7515.0	409	9.7	90712.0	-7502.0
140	10.0	33737.0	-7511.0	230	10.0	54848.0	-7514.0	320	10.0	73547.0	-7503.0	410	10.0	91105.0	-7515.0
141	9.9	33853.0	-7521.5	231	10.0	54853.0	-7550.0	321	9.9	73705.0	-7555.0	411	10.0	91110.0	-7536.0
142	7.1	33950.0	-7513.5	232	9.8	55000.0	-7548.0	322	10.0	73735.0	-7530.0	412	10.0	91125.0	-7548.0
143	9.8	34321.0	-7557.0	233	9.8	55006.0	-7519.0	323	7.6	73901.0	-7515.5	413	10.0	91158.0	-7548.0
144	10.0	34447.0	-7546.0	234	9.5	55030.0	-7522.0	324	10.0	74106.0	-7508.0	414	10.0	91224.0	-7540.0

415	9.6	91233.0	-7509.5	505	9.2	104523.0	-7507.0	595	9.8	123416.0	-7536.0
416	7.9	91418.0	-7504.5	506	10.0	104546.0	-7511.5	596	10.0	123454.0	-7518.5
417	10.0	91426.0	-7513.5	507	8.5	104615.0	-7534.5	597	9.5	123633.0	-7511.0
418	9.8	91439.0	-7527.0	508	9.7	104617.0	-7545.0	598	9.4	124540.0	-7530.0
419	9.5	91548.0	-7538.0	509	9.9	104643.0	-7521.0	599	10.0	124556.0	-7510.0
420	9.8	91606.0	-7534.0	510	10.0	104725.0	-7508.0	600	10.0	125046.0	-7524.0
421	9.4	91712.0	-7545.0	511	9.8	104752.0	-7553.5	601	9.5	125315.0	-7529.0
422	8.3	92056.0	-7510.5	512	6.8	104825.0	-7513.0	602	9.8	125529.0	-7501.0
423	10.0	92058.0	-7520.0	513	10.0	105005.0	-7539.0	603	8.5	125536.0	-7559.0
424	9.0	92145.0	-7510.0	514	10.0	105300.0	-7556.0	604	9.8	125705.0	-7520.0
425	10.0	92259.0	-7533.0	515	10.0	105428.0	-7538.0	605	10.0	125730.0	-7518.5
426	10.0	92344.0	-7553.5	516	10.0	105456.0	-7519.5	606	9.7	125831.0	-7531.0
427	9.3	92432.0	-7525.0	517	9.8	105739.0	-7532.0	607	10.0	130005.0	-7547.0
428	10.0	92554.0	-7517.0	518	9.9	105752.0	-7552.5	608	10.0	130238.0	-7539.5
429	8.0	92555.0	-7513.5	519	10.0	105820.0	-7505.5	609	10.0	130304.0	-7521.5
430	10.0	92559.0	-7545.0	520	8.7	105826.0	-7523.0	610	9.5	130905.0	-7520.0
431	10.0	92703.0	-7507.5	521	7.5	110212.0	-7527.5	611	9.9	130921.0	-7523.0
432	9.5	92827.0	-7535.0	522	10.0	110556.0	-7548.5	612	8.7	131005.0	-7546.0
433	9.8	92924.0	-7557.0	523	8.6	110600.0	-7556.5	613	10.0	131021.0	-7517.0
434	10.0	93023.0	-7545.0	524	8.0	110656.0	-7526.0	614	8.2	131352.0	-7516.5
435	10.0	93046.0	-7531.0	525	10.0	110702.0	-7510.0	615	9.9	131420.0	-7530.5
436	9.5	93135.0	-7509.5	526	9.7	110848.0	-7517.5	616	9.7	131447.0	-7507.5
437	10.0	93316.0	-7549.0	527	9.5	110851.0	-7511.5	617	10.0	131517.0	-7548.0
438	10.0	93400.0	-7537.5	528	9.7	110923.0	-7523.0	618	9.5	131542.0	-7541.0
439	10.0	93414.0	-7518.5	529	7.4	110941.0	-7507.0	619	9.8	131559.0	-7502.0
440	8.1	93455.0	-7506.5	530	7.1	111442.0	-7508.5	620	10.0	131758.0	-7505.0
441	9.7	93528.0	-7505.0	531	9.8	111658.0	-7535.0	621	10.0	131804.0	-7534.5
442	10.0	93707.0	-7511.0	532	8.5	111836.0	-7519.0	622	10.0	131827.0	-7501.0
443	10.0	93715.0	-7545.0	533	10.0	111928.0	-7526.0	623	8.6	131906.0	-7532.0
444	10.0	93945.0	-7539.0	534	8.8	112020.0	-7555.5	624	10.0	131926.0	-7524.0
445	10.0	94021.0	-7537.0	535	9.3	112023.0	-7516.5	625	9.9	131930.0	-7544.0
446	9.4	94136.0	-7505.5	536	9.5	112048.0	-7512.0	626	7.8	131932.0	-7555.5
447	10.0	94154.0	-7533.0	537	8.6	112051.0	-7546.0	627	9.5	131935.0	-7555.0
448	9.0	94221.0	-7521.0	538	10.0	112105.0	-7506.0	628	9.7	131949.0	-7553.0
449	10.0	94250.0	-7536.5	539	8.9	112111.0	-7549.0	629	7.6	132614.0	-7552.0
450	9.9	94321.0	-7515.0	540	9.3	112124.0	-7502.5	630	9.3	132756.0	-7537.0
451	8.7	94430.0	-7519.5	541	8.5	112230.0	-7515.0	631	8.4	132759.0	-7536.0
452	9.5	94435.0	-7530.0	542	10.0	112640.0	-7532.5	632	6.3	132835.0	-7502.5
453	10.0	94457.0	-7502.5	543	9.1	112658.0	-7536.5	633	10.0	132913.0	-7542.0
454	6.9	94752.0	-7512.0	544	10.0	112748.0	-7510.0	634	10.0	132923.0	-7500.5
455	9.2	94811.0	-7535.0	545	9.9	113032.0	-7518.0	635	10.0	132936.0	-7544.0
456	10.0	94925.0	-7517.0	546	10.0	113033.0	-7522.0	636	10.0	133048.0	-7528.0
457	9.6	95140.0	-7559.5	547	6.2	113207.0	-7512.0	637	9.8	133206.0	-7506.0
458	10.0	95226.0	-7531.0	548	10.0	113420.0	-7550.0	638	9.3	133208.0	-7530.0
459	10.0	95236.0	-7515.0	549	10.0	113658.0	-7535.0	639	9.8	133330.0	-7516.0
460	10.0	95406.0	-7557.0	550	10.0	113723.0	-7546.0	640	9.9	133403.0	-7541.0
461	10.0	95941.0	-7529.0	551	9.5	114045.0	-7558.0	641	10.0	133412.0	-7543.5
462	10.0	100110.0	-7533.0	552	7.6	114139.0	-7555.5	642	10.0	133430.0	-7542.0
463	10.0	100125.0	-7503.0	553	10.0	114310.0	-7555.0	643	9.7	133450.0	-7527.0
464	9.2	100254.0	-7527.5	554	9.4	114345.0	-7527.5	644	10.0	133527.0	-7509.0
465	10.0	100256.0	-7509.0	555	10.0	114539.0	-7516.5	645	9.8	133619.0	-7541.5
466	9.2	100303.0	-7528.0	556	9.7	114720.0	-7537.0	646	10.0	133630.0	-7545.5
467	10.0	100712.0	-7548.0	557	10.0	114730.0	-7510.0	647	10.0	133713.0	-7532.5
468	10.0	100907.0	-7514.0	558	10.0	114950.0	-7521.0	648	9.4	133716.0	-7510.0
469	9.5	101023.0	-7533.0	559	9.7	115107.0	-7553.0	649	9.9	133735.0	-7501.0
470	8.2	101102.0	-7527.5	560	10.0	115133.0	-7555.0	650	9.8	133744.0	-7501.3
471	10.0	101142.0	-7513.0	561	10.0	115134.0	-7554.0	651	10.0	133751.0	-7532.0
472	10.0	101216.0	-7539.0	562	9.5	115239.0	-7542.0	652	9.5	133809.0	-7512.0
473	9.3	101517.0	-7525.5	563	9.8	115250.0	-7558.0	653	9.9	133829.0	-7537.0
474	9.0	101620.0	-7511.0	564	9.5	115428.0	-7558.0	654	10.0	133913.0	-7522.0
475	9.2	101751.0	-7512.5	565	10.0	115556.0	-7530.0	655	9.9	134038.0	-7505.0
476	10.0	101757.0	-7504.0	566	5.6	115822.0	-7549.5	656	10.0	134103.0	-7516.5
477	9.5	101800.0	-7505.0	567	10.0	115827.0	-7541.0	657	9.9	134110.0	-7525.0
478	9.2	102015.0	-7509.0	568	9.1	120038.0	-7505.5	658	9.9	134118.0	-7534.0
479	9.9	102045.0	-7528.5	569	10.0	120103.0	-7514.0	659	9.9	134231.0	-7526.5
480	10.0	102110.0	-7515.0	570	10.0	120120.0	-7513.0	660	10.0	134252.0	-7514.0
481	9.0	102233.0	-7520.5	571	9.2	120209.0	-7547.5	661	8.7	134353.0	-7539.0
482	9.5	102237.0	-7533.5	572	9.2	120233.0	-7556.5	662	9.9	134357.0	-7538.0
483	10.0	102306.0	-7552.0	573	9.8	120429.0	-7505.0	663	9.6	134438.0	-7522.0
484	10.0	102322.0	-7522.0	574	10.0	120523.0	-7559.0	664	9.5	134558.0	-7524.0
485	8.8	102422.0	-7549.0	575	9.8	120558.0	-7527.5	665	10.0	134648.0	-7531.0
486	10.0	102431.0	-7542.0	576	8.7	120702.0	-7519.5	666	9.1	134759.0	-7524.0
487	9.8	102448.0	-7546.0	577	9.6	120948.0	-7555.5	667	10.0	134915.0	-7554.0
488	9.5	102504.0	-7511.0	578	9.5	120956.0	-7524.5	668	10.0	134946.0	-7526.0
489	9.2	102559.0	-7535.5	579	9.8	121117.0	-7528.5	669	10.0	134957.0	-7543.0
490	9.5	102645.0	-7539.0	580	10.0	121240.0	-7542.5	670	9.7	135114.0	-7505.5
491	10.0	102849.0	-7524.0	581	9.9	121501.0	-7550.5	671	9.3	135136.0	-7505.5
492	10.0	102908.0	-7523.5	582	9.8	121740.0	-7503.5	672	10.0	135313.0	-7508.0
493	9.4	102937.0	-7552.0	583	8.5	121810.0	-7521.0	673	10.0	135416.0	-7529.0
494	8.2	103048.0	-7523.5	584	9.5	121931.0	-7504.0	674	10.0	135418.0	-7528.0
495	9.6	103050.0	-7514.0	585	8.4	121955.0	-7558.0	675	9.5	135434.0	-7507.5
496	9.8	103155.0	-7519.0	586	9.2	122027.0	-7532.5	676	9.0	135502.0	-7528.0
497	10.0	103241.0	-7518.0	587	9.9	122115.0	-7511.0	677	8.3	135604.0	-7511.0
498	6.8	103307.0	-7539.5	588	10.0	122320.0	-7535.0	678	10.0	135713.0	-7500.0
499	7.4	103327.0	-7509.0	589	9.2	122420.0	-7534.0	679	10.2	135906.0	-7517.0
500	9.9	103350.0	-7521.5	590	9.9	122455.0	-7518.0	680	10.0	135916.0	-7523.0
501	10.0	103415.0	-7509.0	591	9.3	122736.0	-7549.0	681	10.2	135922.0	-7514.0
502	9.7	103630.0	-7555.5	592	7.1	123050.0	-7522.5	682	10.2	135938.0	-7512.0
503	9.2	103712.0	-7545.5	593	10.0	123140.0	-7504.5	683	9.5	135958.0	-7510.0
504	8.8	104052.0	-7556.0	594	10.0	123238.0	-7501.5	684	9.7	140021.0	-7540.0
685	8.0	140206.0	-7552.0
686	10.0	140222.0	-7530.0
687	8.2	140225.0	-7510.5
688	10.0	140301.0	-7527.0
689	9.5	140325.0	-7523.0
690	10.0	140408.0	-7513.0
691	9.9	140416.0	-7511.5
692	7.3	140523.0	-7530.5
693	9.5	140904.0	-7559.0
694	7.9	141258.0	-7519.0
695	7.7	141400.0	-7557.0
696	8.8	141444.0	-7520.0
697	9.8	141556.0	-7559.5
698	9.9	141719.0	-7522.0
699	10.0	141724.0	-7506.0
700	9.2	141803.0	-7556.0
701	10.0	141840.0	-7513.0
702	7.2	141851.0	-7543.0
703	10.0	142121.0	-7554.5
704	8.9	142131.0	-7550.0
705	9.7	142150.0	-7504.5
706	9.3	142156.0	-7507.5
707	9.5	142200.0	-7545.5
708	9.9	142314.0	-7557.0
709	10.0	142323.0	-7559.0
710	9.2	142335.0	-7539.0
711	9.8	142406.0	-7531.0
712	10.0	142409.0	-7511.5
713	8.7	142446.0	-7500.0
714	10.0	142516.0	-7547.0
715	10.0	142538.0	-7541.5
716	10.0	142544.0	-7506.0
717	10.0	142606.0	-7546.0
718	10.0	142619.0	-7548.5
719	9.9	142733.0	-7520.5
720	9.5	142910.0	-7545.5
721	10.0	142914.0	-7549.5
722	10.0	142928.0	-7522.5
723	7.4	142939.0	-7517.0
724	9.8	142958.0	-7527.0
725	9.3	143017.0	-7540.0
726	9.8	143056.0	-7501.5
727	9.6	143112.0	-7515.0
728	9.0	143130.0	-7524.0
729	9.5	143147.0	-7518.5
730	10.0	143157.0	-7533.0
731	9.6	143313.0	-7539.0
732	10.0	143340.0	-7518.5
733	8.7	143407.0	-7527.0
734	9.5	143504.0	-7526.0
735	9.2	143554.0	-7533.0
736	10.0	143645.0	-7535.0
737	9.2	143655.0	-7559.5
738	10.0	143706.0	-7529.0
739	8.8	143747.0	-7500.0
740	9.2	143844.0	-7555.5
741	10.0	143927.0	-7544.0
742	10.0	144000.0	-7525.5
743	9.9	144059.0	-7535.0
744	7.4	144108.0	-7505.0
745	10.0	144119.0	-7526.0
746	10.0	144133.0	-7510.5
747	10.0	144243.0	-7515.5
748	10.0	144313.0	-7542.0
749	9.6	144359.0	-7515.5
750	10.0	144402.0	-7559.5
751	10.0	144438.0	-7548.0
752	9.0	144505.0	-7502.0
753	10.0	144601.0	-7528.0
754	9.7	144602.0	-7517.0
755	10.0	144612.0	-7548.0
756	10.0	144623.0	-7501.0
757	9.6	144632.0	-7538.5
758	9.9	144755.0	-7505.0
759	10.0	144810.0	-7558.0
760	9.4	144830.0	-7505.0
761	9.2	144936.0	-7530.0
762	8.9	145015.0	-7522.0
763	9.0	145018.0	-7501.0
764	9.5	145030.0	-7528.5
765	10.0	145039.0	-7559.0
766	9.5	145046.0	-7517.5
767	9.1	145130.0	-7509.0
768	9.9	145142.0	-7542.0
769	10.0	145142.0	-7520.0
770	9.2	145445.0	-7545.0
771	10.0	145456.0	-7546.5
772	9.5	145459.0	-7543.5
773	10.0	145504.0	-7544.5
774	10.0	145530.0	-7540.5

775	10.0	145617.0	-7543.5	865	9.5	155018.0	-7527.0	955	9.5	165640.0	-7515.5	1045	10.0	182910.0	-7510.0
776	9.8	145648.0	-7543.5	866	10.0	155038.0	-7509.0	956	9.5	165653.0	-7515.0	1046	9.5	182958.0	-7556.0
777	10.0	145815.0	-7536.5	867	9.5	155050.0	-7530.5	957	9.7	165737.0	-7507.0	1047	10.0	183052.0	-7537.0
778	8.0	145836.0	-7548.5	868	7.7	155108.0	-7554.5	958	9.8	165738.0	-7522.0	1048	9.9	183410.0	-7535.5
779	10.0	145910.0	-7528.0	869	9.2	155146.0	-7547.0	959	9.3	165846.0	-7519.5	1049	9.2	183656.0	-7557.5
780	10.0	145925.0	-7537.0	870	9.8	155153.0	-7551.5	960	9.5	165859.0	-7555.0	1050	7.4	183708.0	-7506.0
781	7.5	150003.0	-7504.5	871	9.8	155358.0	-7513.0	961	9.5	165917.0	-7533.0	1051	9.3	183810.0	-7558.5
782	10.0	150202.0	-7529.0	872	9.9	155410.0	-7526.0	962	9.8	165947.0	-7559.0	1052	10.0	183820.0	-7544.0
783	10.0	150207.0	-7511.0	873	10.0	155612.0	-7532.0	963	9.7	170128.0	-7559.0	1053	9.8	183908.0	-7554.0
784	10.0	150220.0	-7507.0	874	9.6	155620.0	-7540.0	964	10.0	170145.0	-7549.5	1054	8.8	183909.0	-7559.5
785	10.0	150443.0	-7556.0	875	10.0	155716.0	-7513.0	965	10.0	170309.0	-7507.5	1055	9.9	183931.0	-7510.0
786	9.7	150446.0	-7504.5	876	10.0	155718.0	-7527.0	966	10.0	170416.0	-7511.0	1056	10.0	183937.0	-7516.0
787	9.8	150505.0	-7509.0	877	9.9	155720.0	-7526.0	967	7.0	170558.0	-7512.0	1057	10.0	184005.0	-7512.5
788	9.5	150537.0	-7550.0	878	9.3	155722.0	-7556.0	968	10.0	170735.0	-7547.0	1058	10.0	184050.0	-7545.0
789	6.9	150600.0	-7506.0	879	10.0	155742.0	-7519.0	969	9.8	170746.0	-7551.0	1059	10.0	184122.0	-7530.0
790	9.8	150613.0	-7516.5	880	9.3	155819.0	-7529.0	970	8.9	170756.0	-7552.0	1060	6.7	184234.0	-7532.5
791	8.6	150750.0	-7507.0	881	10.0	155823.0	-7529.3	971	9.6	170806.0	-7531.0	1061	10.0	184545.0	-7530.5
792	10.0	150759.0	-7537.5	882	9.0	160018.0	-7544.0	972	9.4	171001.0	-7549.5	1062	9.9	184622.0	-7516.0
793	9.8	150818.0	-7522.0	883	8.6	160055.0	-7534.5	973	10.0	171008.0	-7518.0	1063	10.0	184650.0	-7545.0
794	10.0	150825.0	-7521.5	884	9.9	160100.0	-7506.5	974	10.0	171015.0	-7526.5	1064	10.0	184653.0	-7532.0
795	10.0	150836.0	-7547.0	885	9.8	160225.0	-7506.5	975	9.6	171053.0	-7506.0	1065	10.0	184758.0	-7519.5
796	10.0	150930.0	-7528.5	886	10.0	160320.0	-7512.0	976	9.7	171203.0	-7543.5	1066	10.2	184855.0	-7500.5
797	9.9	151034.0	-7509.5	887	10.0	160338.0	-7548.0	977	9.5	171456.0	-7515.0	1067	9.4	184946.0	-7532.0
798	8.5	151118.0	-7530.0	888	10.0	160341.0	-7559.0	978	10.0	171535.0	-7557.0	1068	8.8	185347.0	-7552.0
799	9.5	151148.0	-7501.5	889	10.0	160358.0	-7531.0	979	10.0	171602.0	-7534.0	1069	9.5	185409.0	-7548.0
800	9.4	151208.0	-7516.5	890	9.8	160552.0	-7511.0	980	10.0	171609.0	-7537.0	1070	9.8	185440.0	-7519.0
801	10.0	151220.0	-7543.0	891	8.0	160625.0	-7522.5	981	10.0	171650.0	-7524.5	1071	10.0	185622.0	-7536.0
802	8.7	151315.0	-7529.0	892	8.2	160628.0	-7536.0	982	9.2	171915.0	-7545.5	1072	10.0	185624.0	-7513.0
803	10.0	151409.0	-7500.0	893	7.1	160640.0	-7540.0	983	10.0	171920.0	-7546.5	1073	9.0	185820.0	-7525.0
804	9.4	151444.0	-7530.5	894	8.7	160718.0	-7512.5	984	9.2	171940.0	-7520.0	1074	10.0	185850.0	-7502.0
805	10.0	151447.0	-7544.0	895	10.0	160720.0	-7517.0	985	9.5	171944.0	-7515.0	1075	9.9	190021.0	-7546.0
806	7.9	151526.0	-7553.5	896	10.0	160735.0	-7507.0	986	9.9	172057.0	-7531.5	1076	10.0	190026.0	-7550.0
807	10.0	151538.0	-7549.0	897	10.0	160825.0	-7512.0	987	9.3	172222.0	-7530.0	1077	10.0	190105.0	-7545.0
808	9.7	151543.0	-7515.0	898	9.7	160927.0	-7511.5	988	10.0	172437.0	-7505.5	1078	10.0	190118.0	-7542.0
809	10.0	151546.0	-7515.5	899	8.7	160943.0	-7540.0	989	8.7	172652.0	-7536.0	1079	10.0	190148.0	-7523.0
810	10.0	151556.0	-7519.0	900	9.8	161022.0	-7512.0	990	9.9	172810.0	-7505.5	1080	9.8	190403.0	-7510.0
811	9.3	151557.0	-7508.5	901	9.3	161030.0	-7542.0	991	10.0	172848.0	-7504.5	1081	10.0	190417.0	-7537.0
812	10.0	151624.0	-7557.5	902	8.5	161049.0	-7537.0	992	10.0	172910.0	-7553.0	1082	10.0	190717.0	-7544.0
813	9.8	151631.0	-7553.0	903	10.0	161100.0	-7557.0	993	10.0	172946.0	-7551.0	1083	9.9	190736.0	-7524.0
814	9.6	151650.0	-7517.0	904	9.7	161103.0	-7551.5	994	10.0	173017.0	-7554.0	1084	9.5	190926.0	-7513.5
815	10.0	151754.0	-7544.0	905	9.5	161215.0	-7501.0	995	10.0	173132.0	-7502.5	1085	9.5	191040.0	-7554.0
816	10.0	151820.0	-7506.5	906	9.6	161257.0	-7539.0	996	10.0	173208.0	-7531.5	1086	10.0	191152.0	-7538.0
817	8.9	151912.0	-7532.0	907	9.8	161318.0	-7531.0	997	10.0	173250.0	-7501.0	1087	7.8	191205.0	-7525.0
818	8.0	151915.0	-7548.0	908	9.7	161439.0	-7551.0	998	9.9	173314.0	-7554.0	1088	10.0	191215.0	-7526.0
819	8.8	151922.0	-7504.0	909	9.7	161440.0	-7559.0	999	8.4	173710.0	-7511.5	1089	10.0	191411.0	-7519.0
820	10.0	151944.0	-7534.0	910	9.8	161448.0	-7518.0	1000	10.0	173837.0	-7520.0	1090	10.0	191437.0	-7520.5
821	10.0	151944.0	-7526.0	911	10.0	161604.0	-7523.5	1001	9.9	173841.0	-7531.0	1091	9.1	191503.0	-7554.5
822	9.0	152002.0	-7514.0	912	9.5	161634.0	-7526.0	1002	9.3	174050.0	-7512.0	1092	8.9	191552.0	-7514.0
823	8.6	152013.0	-7512.0	913	7.7	161642.0	-7540.5	1003	9.5	174143.0	-7546.0	1093	10.0	191612.0	-7506.0
824	8.5	152115.0	-7554.0	914	9.8	161724.0	-7551.0	1004	9.9	174540.0	-7531.0	1094	9.5	191649.0	-7528.0
825	9.1	152136.0	-7543.5	915	10.0	161858.0	-7543.5	1005	8.0	174555.0	-7540.5	1095	8.5	191710.0	-7527.5
826	9.3	152139.0	-7521.5	916	9.8	161923.0	-7516.0	1006	9.8	174621.0	-7505.0	1096	10.0	191710.0	-7540.0
827	10.0	152145.0	-7553.0	917	9.5	161936.0	-7514.0	1007	10.0	174626.0	-7501.5	1097	8.6	191729.0	-7530.0
828	10.0	152318.0	-7542.0	918	9.7	161955.0	-7543.5	1008	8.5	174650.0	-7507.0	1098	9.9	191924.0	-7513.0
829	9.4	152350.0	-7514.0	919	9.6	162018.0	-7519.5	1009	10.0	174742.0	-7503.5	1099	8.8	192035.0	-7505.5
830	9.3	152355.0	-7550.5	920	9.6	162137.0	-7527.0	1010	10.0	174745.0	-7501.5	1100	8.9	192130.0	-7540.5
831	9.3	152358.0	-7509.0	921	9.8	162140.0	-7524.0	1011	9.9	175042.0	-7517.0	1101	9.9	192131.0	-7559.5
832	10.0	152408.0	-7542.0	922	8.0	162255.0	-7513.5	1012	9.8	175057.0	-7518.5	1102	10.0	192150.0	-7550.5
833	6.3	152637.0	-7540.0	923	9.2	162318.0	-7525.5	1013	6.9	175143.0	-7506.5	1103	9.7	192333.0	-7531.0
834	9.2	152824.0	-7518.0	924	9.8	162530.0	-7543.0	1014	7.8	175337.0	-7512.0	1104	9.3	192455.0	-7553.0
835	9.5	152825.0	-7551.5	925	9.8	162638.0	-7530.5	1015	9.3	175339.0	-7512.0	1105	9.5	192456.0	-7554.5
836	9.3	152857.0	-7518.0	926	9.2	162850.0	-7514.0	1016	5.8	175347.0	-7553.5	1106	8.0	192643.0	-7541.0
837	9.2	152903.0	-7524.0	927	10.0	162919.0	-7554.0	1017	9.7	175533.0	-7555.5	1107	7.7	192735.0	-7503.0
838	9.5	152907.0	-7557.0	928	9.8	163102.0	-7527.5	1018	10.0	175618.0	-7506.0	1108	9.0	192742.0	-7515.0
839	9.9	152935.0	-7535.0	929	10.0	163119.0	-7530.0	1019	7.7	175631.0	-7534.0	1109	9.5	193036.0	-7535.0
840	9.0	153017.0	-7531.0	930	10.0	163230.0	-7548.0	1020	10.0	175718.0	-7535.0	1110	10.0	193105.0	-7502.0
841	10.0	153119.0	-7516.0	931	9.7	163350.0	-7542.5	1021	10.0	175725.0	-7518.0	1111	9.0	193112.0	-7512.0
842	10.0	153136.0	-7515.0	932	10.0	163408.0	-7509.5	1022	9.9	175926.0	-7549.0	1112	10.0	193347.0	-7517.0
843	10.0	153216.0	-7546.5	933	9.1	163440.0	-7524.0	1023	9.4	180030.0	-7501.0	1113	9.7	193430.0	-7528.5
844	10.0	153312.0	-7552.5	934	10.0	163450.0	-7512.0	1024	10.0	180518.0	-7537.5	1114	8.5	193433.0	-7523.0
845	10.0	153407.0	-7518.0	935	10.0	163705.0	-7533.0	1025	9.8	180528.0	-7503.0	1115	10.0	193653.0	-7541.0
846	10.0	153426.0	-7509.0	936	9.9	163918.0	-7532.5	1026	10.0	180626.0	-7553.5	1116	10.0	193852.0	-7555.5
847	10.0	153605.0	-7547.5	937	10.0	164037.0	-7551.0	1027	5.8	180645.0	-7505.5	1117	10.0	194006.0	-7516.0
848	7.8	153715.0	-7546.0	938	8.5	164231.0	-7536.0	1028	10.0	180847.0	-7533.0	1118	10.0	194018.0	-7503.5
849	9.7	153849.0	-7552.5	939	9.2	164243.0	-7531.5	1029	10.0	180918.0	-7537.0	1119	9.6	194054.0	-7548.5
850	9.0	153850.0	-7501.5	940	9.0	164310.0	-7559.5	1030	10.0	180943.0	-7556.0	1120	10.0	194125.0	-7557.0
851	10.0	153920.0	-7517.5	941	9.5	164448.0	-7547.5	1031	10.0	180945.0	-7526.0	1121	10.0	194132.0	-7555.0
852	10.0	153930.0	-7522.0	942	9.8	164453.0	-7519.0	1032	10.0	181045.0	-7522.0	1122	10.0	194548.0	-7526.0
853	8.3	153943.0	-7506.5	943	9.1	164628.0	-7549.0	1033	9.9	181202.0	-7504.5	1123	7.6	194612.0	-7505.5
854	10.0	153950.0	-7533.0	944	9.8	164731.0	-7545.0	1034	9.5	181343.0	-7528.0	1124	10.0	194614.0	-7526.0
855	10.0	153952.0	-7550.0	945	10.0	165023.0	-7537.5	1035	9.5	181357.0	-7529.0	1125	7.9	194700.0	-7541.0
856	9.5	154206.0	-7538.5	946	10.0	165027.0	-7539.0	1036	10.0	181600.0	-7529.0	1126	9.2	194817.0	-7547.0
857	9.5	154317.0	-7517.0	947	9.7	165210.0	-7549.0	1037	10.0	181624.0	-7559.0	1127	10.0	194845.0	-7537.0
858	10.0	154334.0	-7556.5	948	10.0	165248.0	-7545.0	1038	10.0	181736.0	-7521.0	1128	10.0	194847.0	-7541.5
859	10.0	154434.0	-7509.0	949	8.5	165257.0	-7538.0	1039	9.4	181752.0	-7544.0	1129	9.9	195006.0	-7553.5
860	9.7	154517.0	-7516.0	950	7.4	165338.0	-7512.0	1040	9.8	181819.0	-7556.0	1130	10.0	195134.0	-7510.5
861	7.5	154540.0	-7515.5	951	8.8	165407.0	-7525.0	1041	10.0	181909.0	-7556.0	1131	9.7	195246.0	-7552.0
862	8.5	154712.0	-7558.0	952	10.0	165430.0	-7501.0	1042	10.0	181920.0	-7546.5	1132	7.2	195313.0	-7506.5
863	9.7	154925.0	-7524.5	953	9.6	165504.0	-7556.0	1043	9.3	182047.0	-7554.0	1133	9.3	195323.0	-7543.0
864	10.0	154938.0	-7539.0	954	9.8	165538.0	-7531.0	1044	10.0	182143.0	-7551.0	1134	9.2	195540.0	-7508.5

-75 1135 19h57m

-76 184 4h45m

1135	10.0	195736.0	-7541.5	1225	9.5	214104.0	-7514.0	5	6.5	01012.0	-7636.5
1136	9.0	195759.0	-7511.0	1226	10.0	214401.0	-7549.5	6	8.5	01236.0	-7621.5
1137	10.0	195800.0	-7535.0	1227	10.0	214602.0	-7528.5	7	9.9	01437.0	-7624.0
1138	9.8	200046.0	-7547.0	1228	9.9	214607.0	-7530.5	8	10.1	01459.0	-7625.5
1139	10.0	200110.0	-7515.0	1229	10.0	214636.0	-7545.0	9	9.5	01509.0	-7627.0
1140	9.1	200130.0	-7540.0	1230	8.8	214710.0	-7502.5	10	10.0	01714.0	-7654.0
1141	8.8	200141.0	-7511.5	1231	8.4	215024.0	-7505.5	11	9.2	01755.0	-7642.0
1142	8.5	200229.0	-7522.5	1232	8.8	215127.0	-7502.5	12	8.8	01853.0	-7622.5
1143	9.4	200246.0	-7558.0	1233	10.0	215136.0	-7511.0	13	9.2	02149.0	-7628.5
1144	10.0	200312.0	-7554.0	1234	10.0	215533.0	-7525.0	14	10.0	02150.0	-7633.5
1145	10.0	200419.0	-7507.5	1235	10.0	215614.0	-7503.5	15	8.5	02224.0	-7618.5
1146	7.9	200456.0	-7558.0	1236	8.5	220327.0	-7537.0	16	10.0	02236.0	-7606.0
1147	10.0	200532.0	-7525.0	1237	9.4	220613.0	-7534.0	17	9.8	02250.0	-7616.0
1148	9.4	200553.0	-7534.0	1238	7.8	221008.0	-7536.0	18	9.6	02420.0	-7659.5
1149	8.4	200734.0	-7556.0	1239	10.0	221012.0	-7557.0	19	10.0	02422.0	-7630.0
1150	10.0	200747.0	-7538.5	1240	9.3	221452.0	-7521.0	20	9.6	02747.0	-7611.5
1151	9.5	200811.0	-7531.5	1241	6.5	221456.0	-7539.0	21	9.0	02759.0	-7634.5
1152	9.2	200908.0	-7548.0	1242	9.1	221500.0	-7539.0	22	9.4	02852.0	-7623.5
1153	9.8	201042.0	-7541.5	1243	10.0	221723.0	-7557.0	23	9.2	02914.0	-7607.0
1154	9.2	201130.0	-7549.5	1244	10.0	222001.0	-7513.0	24	9.1	02940.0	-7617.0
1155	9.8	201131.0	-7547.5	1245	10.0	222122.0	-7525.0	25	9.6	03104.0	-7623.0
1156	10.0	201210.0	-7523.0	1246	9.7	222305.0	-7526.0	26	7.5	03243.0	-7617.5
1157	9.3	201238.0	-7501.0	1247	9.8	222309.0	-7518.5	27	9.5	03249.0	-7659.0
1158	9.8	201606.0	-7532.0	1248	10.0	222440.0	-7507.0	28	9.0	03653.0	-7629.5
1159	8.5	201607.0	-7540.0	1249	10.0	222440.0	-7554.5	29	10.0	03727.0	-7628.5
1160	9.0	201754.0	-7503.0	1250	9.9	222517.0	-7541.0	30	9.2	04119.0	-7636.0
1161	9.9	201806.0	-7507.0	1251	9.8	222717.0	-7551.0	31	9.2	04236.0	-7644.0
1162	9.2	201828.0	-7528.5	1252	9.5	223027.0	-7544.5	32	10.0	04851.0	-7628.0
1163	10.0	201855.0	-7520.5	1253	10.0	223229.0	-7506.0	33	9.3	05245.0	-7605.5
1164	10.0	201906.0	-7542.0	1254	10.0	223303.0	-7557.0	34	8.3	05558.0	-7629.0
1165	8.8	201915.0	-7512.5	1255	10.0	223304.0	-7516.0	35	9.3	05606.0	-7629.0
1166	9.2	201924.0	-7511.0	1256	7.9	223424.0	-7528.5	36	9.9	05628.0	-7658.0
1167	9.9	201926.0	-7538.5	1257	8.9	223555.0	-7525.5	37	9.4	05640.0	-7657.0
1168	9.0	202010.0	-7535.0	1258	10.0	223923.0	-7511.0	38	9.9	05717.0	-7627.0
1169	10.0	202327.0	-7508.0	1259	10.0	224003.0	-7530.0	39	9.5	05842.0	-7628.5
1170	9.7	202359.0	-7557.5	1260	9.2	224156.0	-7554.5	40	9.8	05906.0	-7636.0
1171	9.9	202423.0	-7510.0	1261	10.0	224344.0	-7518.0	41	9.3	10344.0	-7631.0
1172	9.5	202441.0	-7535.5	1262	7.4	224453.0	-7531.5	42	10.0	10410.0	-7656.0
1173	7.0	202650.0	-7547.0	1263	10.0	224539.0	-7507.5	43	10.0	10722.0	-7641.5
1174	7.6	202651.0	-7546.5	1264	7.7	224626.0	-7539.5	44	9.8	10935.0	-7658.5
1175	8.2	202728.0	-7529.5	1265	9.5	225031.0	-7547.0	45	10.0	11139.0	-7625.0
1176	10.0	203017.0	-7546.5	1266	9.0	225242.0	-7523.0	46	8.6	11315.0	-7637.5
1177	10.0	203109.0	-7527.5	1267	10.0	225420.0	-7558.0	47	9.7	11506.0	-7643.0
1178	9.3	203115.0	-7544.0	1268	9.7	225424.0	-7514.0	48	7.8	11647.0	-7648.5
1179	8.0	203549.0	-7529.5	1269	8.5	225659.0	-7526.5	49	10.0	11733.0	-7600.5
1180	9.2	203740.0	-7546.5	1270	9.5	225820.0	-7541.5	50	9.5	11810.0	-7612.5
1181	10.0	203950.0	-7554.5	1271	10.0	225827.0	-7506.5	51	9.3	11927.0	-7649.0
1182	9.4	204307.0	-7541.0	1272	10.0	230015.0	-7504.5	52	10.0	12101.0	-7610.5
1183	9.5	204309.0	-7526.0	1273	9.9	230047.0	-7555.0	53	10.0	12329.0	-7659.0
1184	10.0	204516.0	-7511.0	1274	9.4	230119.0	-7517.0	54	9.3	12526.0	-7643.0
1185	8.4	204703.0	-7554.5	1275	10.0	230243.0	-7551.5	55	9.8	12633.0	-7638.5
1186	9.5	204707.0	-7554.5	1276	10.0	230320.0	-7550.0	56	9.6	12909.0	-7635.5
1187	10.0	205153.0	-7509.0	1277	9.7	230343.0	-7535.0	57	8.7	13235.0	-7620.0
1188	9.8	205311.0	-7541.0	1278	10.0	230419.0	-7549.0	58	10.0	13259.0	-7600.5
1189	10.0	205423.0	-7550.0	1279	9.7	230433.0	-7500.5	59	8.7	13546.0	-7604.0
1190	8.5	205608.0	-7552.5	1280	10.0	230445.0	-7516.0	60	10.0	13723.0	-7631.0
1191	10.0	205815.0	-7509.0	1281	10.0	230622.0	-7542.0	61	8.4	13742.0	-7639.5
1192	10.0	205904.0	-7530.0	1282	10.0	230627.0	-7524.0	62	10.0	13744.0	-7633.0
1193	10.0	205938.0	-7534.0	1283	9.0	230649.0	-7512.0	63	8.3	13933.0	-7652.5
1194	9.8	210132.0	-7523.5	1284	10.0	230745.0	-7532.0	64	8.2	13937.0	-7617.5
1195	9.5	210150.0	-7549.0	1285	8.0	231003.0	-7512.0	65	10.0	13956.0	-7611.0
1196	10.0	210323.0	-7503.0	1286	9.9	231042.0	-7528.0	66	9.3	14230.0	-7645.5
1197	8.8	210349.0	-7533.0	1287	10.0	231414.0	-7529.5	67	9.7	14245.0	-7624.5
1198	10.1	210422.0	-7533.0	1288	9.7	231418.0	-7504.0	68	10.0	14412.0	-7619.5
1199	6.7	210435.0	-7551.5	1289	10.0	231430.0	-7518.0	69	9.8	14423.0	-7605.0
1200	9.7	210555.0	-7513.0	1290	10.0	231507.0	-7532.0	70	9.2	14427.0	-7631.0
1201	9.9	210743.0	-7530.0	1291	9.7	231627.0	-7505.0	71	8.6	14852.0	-7642.5
1202	9.9	211210.0	-7518.0	1292	10.0	231632.0	-7511.0	72	9.5	14903.0	-7657.0
1203	10.0	211437.0	-7557.0	1293	10.0	232128.0	-7558.0	73	10.0	14935.0	-7628.0
1204	9.1	211533.0	-7533.5	1294	9.6	232200.0	-7547.0	74	8.4	15037.0	-7636.5
1205	9.8	211533.0	-7506.5	1295	8.5	232533.0	-7532.5	75	10.0	15058.0	-7608.0
1206	10.0	211713.0	-7505.5	1296	8.8	232640.0	-7515.0	76	10.0	15525.0	-7642.0
1207	7.8	211733.0	-7545.0	1297	9.9	232927.0	-7550.5	77	9.8	15746.0	-7657.0
1208	10.0	211812.0	-7544.0	1298	9.8	233223.0	-7556.5	78	9.9	15903.0	-7605.5
1209	9.2	211840.0	-7548.0	1299	10.2	233316.0	-7556.0	79	9.5	15925.0	-7642.0
1210	9.7	211915.0	-7501.5	1300	9.5	233429.0	-7535.0	80	9.5	15927.0	-7610.0
1211	8.3	212025.0	-7557.5	1301	9.9	233516.0	-7524.5	81	9.8	20008.0	-7624.5
1212	8.5	212508.0	-7533.0	1302	10.0	233635.0	-7537.0	82	9.3	20143.0	-7631.0
1213	9.2	212514.0	-7513.5	1303	9.6	233654.0	-7551.0	83	10.0	20210.0	-7611.0
1214	8.5	212641.0	-7502.5	1304	9.2	233801.0	-7520.0	84	9.5	20239.0	-7630.0
1215	10.0	212720.0	-7538.0	1305	9.2	234259.0	-7513.5	85	9.9	20258.0	-7648.0
1216	10.0	212928.0	-7530.0	1306	9.5	234519.0	-7536.0	86	9.8	20305.0	-7625.0
1217	10.1	213023.0	-7546.0	1307	8.5	234731.0	-7519.5	87	10.2	20333.0	-7645.5
1218	9.9	213225.0	-7532.0	1308	8.4	235027.0	-7500.0	88	9.5	20448.0	-7608.0
1219	8.5	213817.0	-7552.5	1309	9.8	235623.0	-7517.5	89	10.2	20645.0	-7645.5
1220	8.1	213836.0	-7521.0	1310	10.2	235917.0	-7553.0	90	10.2	20857.0	-7628.5
1221	10.0	213922.0	-7525.0	1	10.2	00455.0	-7633.0	91	6.9	21039.0	-7632.5
1222	10.0	213931.0	-7552.5	2	7.5	00558.0	-7610.5	92	8.3	21106.0	-7653.0
1223	10.2	214041.0	-7529.0	3	9.5	00743.0	-7611.0	93	9.5	21120.0	-7641.5
1224	9.5	214045.0	-7529.0	4	10.0	00820.0	-7657.5	94	10.0	21125.0	-7630.0
95	10.2	21223.0	-7633.0								
96	9.3	21225.0	-7640.5								
97	9.2	21424.0	-7637.0								
98	6.6	21425.0	-7656.5								
99	9.7	21842.0	-7601.5								
100	9.1	21920.0	-7619.0								
101	10.0	21939.0	-7658.0								
102	9.9	22305.0	-7620.0								
103	10.2	22728.0	-7654.0								
104	9.7	22750.0	-7636.0								
105	7.4	22750.0	-7618.0								
106	8.8	23000.0	-7622.5								
107	7.7	23031.0	-7620.5								
108	10.2	23050.0	-7602.0								
109	9.7	23338.0	-7608.5								
110	6.9	23351.0	-7626.5								
111	9.7	24518.0	-7614.5								
112	7.5	24750.0	-7643.0								
113	9.5	25048.0	-7649.5								
114	10.0	25226.0	-7630.5								
115	8.7	25357.0	-7611.5								
116	9.3	25400.0	-7617.5								
117	8.5	25540.0	-7620.0								
118	8.0	25932.0	-7649.5								
119	8.5	30256.0	-7639.5								
120	10.0	30336.0	-7641.0								
121	9.3	30540.0	-7645.0								
122	8.3	30700.0	-7610.5								
123	8.8	31126.0	-7607.5								
124	8.5	31223.0	-7611.0								
125	8.0	31312.0	-7616.5								
126	10.0	31349.0	-7647.0								
127	10.2	31428.0	-7608.0								
128	10.2	31559.0	-7634.0								
129	9.5	31822.0	-7659.0								
130	8.5	31953.0	-7615.0								
131	9.5	32220.0	-7619.0								
132	10.0	32233.0	-7618.0								
133	10.0	32614.0	-7636.0								
134	10.2	32930.0	-7650.5								
135	9.7	32940.0	-7646.0								
136	9.8	33112.0	-7647.0								
137	9.8	33140.0	-7605.0								
138	10.0	33845.0	-7608.0								
139	10.0	33905.0	-7630.5								
140	7.5	34120.0	-7610.0								
141	9.8	34304.0	-7636.0								
142	9.5	34536.0	-7634.0								
143	10.0	34545.0	-7615.0								
144	10.0	34722.0	-7620.0								
145	8.6	35042.0	-7648.0								
146	8.5	35059.0	-7651.0								
147	9.0	35145.0	-7604.5								
148	10.0	35256.0	-7621.0								
149	7.6	35326.0	-7616.0								
150	10.0	35341.0	-7646.5								
151	9.8	35439.0	-7645.5								
152	10.1	35456.0	-7628.5								
153	9.5	35625.0	-7650.5								
154	10.0	35940.0	-7617.0								
155	8.0	40059.0	-7651.5								
156	9.3	40239.0	-7600.5								
157	9.5	40705.0	-7652.5								
158	9.7	40903.0	-7600.0								
159	9.1	41110.0	-7611.5								
160	10.0	41248.0	-7632.0								
161	9.0	41250.0	-7656.0								
162	7.8	41810.0	-7607.0								
163	9.3	41913.0	-7617.5								
164	10.0	41914.0	-7645.0								
165	9.9	42047.0	-7651.0								
166	8.4	42240.0	-7601.0								
167	8.5	42459.0	-7601.0								
168	9.8	42514.0	-7634.5								
169	10.2	42708.0	-7651.0								
170	9.5	42714.0	-7628.0								
171	9.9	42820.0	-7633.0								
172	9.9	42846.0	-7626.0								
173	10.0	42920.0	-7628.0								
174	9.8	42926.0	-7601.0								
175	8.9	43113.0	-7648.5								
176	9.7	43224.0	-7640.5								
177	9.4	43330.0	-7623.0								
178	9.9	43545.0	-7656.5								
179	9.3	43854.0	-7621.5								
180	9.0	43936.0	-7621.5								
181	10.1	44110.0	-7628.0								
182	9.5	44253.0	-7627.5								
183	9.8	44329.0	-7618.0								
184	10.0	44519.0	-7650.0								

185	9.9	44539.0	-7622.0	275	9.3	63351.0	-7602.0	365	8.7	82541.0	-7602.0
186	9.5	44636.0	-7628.5	276	10.0	63439.0	-7621.5	366	8.8	82859.0	-7611.0
187	9.8	44750.0	-7647.0	277	9.5	63448.0	-7641.0	367	10.0	82926.0	-7650.5
188	10.1	44810.0	-7658.5	278	9.5	63510.0	-7620.5	368	9.5	83000.0	-7649.5
189	7.6	44835.0	-7632.0	279	8.2	63525.0	-7606.0	369	9.3	83016.0	-7619.0
190	8.7	45016.0	-7631.5	280	10.0	63558.0	-7645.0	370	10.0	83146.0	-7644.5
191	9.5	45248.0	-7628.5	281	10.0	63810.0	-7640.5	371	9.8	83151.0	-7650.5
192	9.5	45556.0	-7607.0	282	9.5	64013.0	-7653.0	372	9.8	83203.0	-7634.0
193	9.4	45855.0	-7620.5	283	8.5	64202.0	-7641.0	373	9.3	83438.0	-7659.5
194	10.2	50124.0	-7623.0	284	10.0	64237.0	-7623.5	374	7.7	83513.0	-7630.0
195	10.0	50128.0	-7642.0	285	10.0	64255.0	-7637.0	375	10.0	83548.0	-7658.5
196	9.8	50140.0	-7621.0	286	9.3	64307.0	-7648.5	376	10.0	83709.0	-7645.0
197	10.0	50330.0	-7608.0	287	9.9	64341.0	-7623.0	377	7.4	83835.0	-7634.0
198	7.5	50702.0	-7647.5	288	9.8	64822.0	-7634.0	378	7.4	83915.0	-7652.0
199	9.5	50911.0	-7631.5	289	10.0	64839.0	-7644.0	379	8.2	84018.0	-7617.5
200	10.0	50958.0	-7653.5	290	9.5	64856.0	-7616.0	380	9.9	84156.0	-7619.0
201	9.9	51220.0	-7632.0	291	10.0	64948.0	-7647.0	381	9.3	84205.0	-7636.5
202	9.1	51248.0	-7635.5	292	10.0	65013.0	-7655.0	382	10.0	84254.0	-7639.0
203	10.2	51333.0	-7654.0	293	6.9	65241.0	-7642.0	383	9.9	84420.0	-7656.5
204	9.2	51355.0	-7636.5	294	10.0	65245.0	-7642.0	384	10.0	84436.0	-7654.0
205	10.1	51443.0	-7659.5	295	10.0	65409.0	-7619.0	385	7.6	84535.0	-7640.0
206	8.8	51449.0	-7617.0	296	10.0	65427.0	-7619.0	386	7.7	84610.0	-7635.5
207	9.8	51705.0	-7644.0	297	10.0	65655.0	-7658.0	387	10.0	84650.0	-7602.5
208	10.1	51730.0	-7616.0	298	9.2	65700.0	-7658.5	388	10.0	84651.0	-7622.0
209	10.0	52058.0	-7641.5	299	9.6	70154.0	-7627.5	389	9.5	84653.0	-7621.0
210	9.5	52136.0	-7658.5	300	9.5	70414.0	-7631.5	390	9.3	84740.0	-7622.0
211	10.0	52155.0	-7628.0	301	9.5	70553.0	-7658.0	391	6.9	84809.0	-7637.0
212	9.9	52204.0	-7627.0	302	10.0	70827.0	-7642.5	392	10.0	85234.0	-7659.5
213	7.5	52550.0	-7601.5	303	10.0	70858.0	-7638.0	393	9.3	85302.0	-7649.0
214	8.2	52758.0	-7643.0	304	9.9	70913.0	-7612.0	394	9.7	85403.0	-7646.0
215	10.0	52837.0	-7617.0	305	10.0	71418.0	-7658.0	395	9.3	85420.0	-7653.0
216	10.1	53109.0	-7611.0	306	9.9	71449.0	-7624.0	396	9.7	85517.0	-7636.0
217	9.8	53113.0	-7648.0	307	9.9	71521.0	-7648.5	397	10.0	85525.0	-7619.0
218	9.5	53134.0	-7617.5	308	10.0	71752.0	-7614.0	398	10.0	85539.0	-7620.0
219	8.5	53456.0	-7620.0	309	9.2	72016.0	-7648.0	399	10.0	85716.0	-7610.5
220	10.0	53511.0	-7625.0	310	8.3	72323.0	-7611.0	400	10.1	90034.0	-7640.0
221	10.0	53616.0	-7615.0	311	10.0	72352.0	-7632.5	401	10.2	90043.0	-7619.0
222	5.6	53651.0	-7625.5	312	10.0	72356.0	-7630.0	402	10.0	90052.0	-7655.0
223	10.0	53720.0	-7642.0	313	10.2	72409.0	-7633.0	403	9.8	90210.0	-7655.0
224	9.8	53830.0	-7650.5	314	10.0	72431.0	-7627.0	404	10.0	90317.0	-7601.0
225	10.0	53833.0	-7658.0	315	9.8	72506.0	-7604.0	405	9.5	90343.0	-7657.5
226	9.6	54045.0	-7633.0	316	9.3	73024.0	-7657.0	406	9.0	90348.0	-7624.0
227	8.6	54118.0	-7605.0	317	9.4	73036.0	-7624.5	407	10.2	90604.0	-7636.0
228	9.5	54246.0	-7644.0	318	10.0	73345.0	-7633.0	408	10.0	90618.0	-7628.0
229	10.0	54253.0	-7629.0	319	10.0	73601.0	-7653.0	409	9.9	90651.0	-7606.0
230	10.2	54255.0	-7630.0	320	7.3	73804.0	-7648.0	410	7.7	90740.0	-7603.5
231	9.7	54352.0	-7621.5	321	9.6	73816.0	-7643.5	411	8.5	90806.0	-7618.0
232	9.7	54421.0	-7605.5	322	10.0	73827.0	-7602.0	412	9.9	90821.0	-7620.0
233	10.0	54435.0	-7621.0	323	10.0	74115.0	-7632.5	413	9.0	90911.0	-7628.5
234	9.9	54523.0	-7626.0	324	10.0	74130.0	-7600.5	414	10.0	90915.0	-7657.0
235	9.9	54625.0	-7607.5	325	10.0	74314.0	-7608.0	415	10.0	91043.0	-7600.5
236	10.0	54637.0	-7623.0	326	10.0	74348.0	-7610.0	416	6.7	91329.0	-7608.5
237	8.9	54856.0	-7649.0	327	9.8	74425.0	-7631.5	417	9.9	91337.0	-7607.0
238	9.9	55035.0	-7648.0	328	9.9	74428.0	-7607.5	418	10.0	91554.0	-7649.0
239	9.2	55133.0	-7612.5	329	10.0	74429.0	-7618.5	419	10.0	91617.0	-7647.0
240	8.8	55302.0	-7608.0	330	8.6	74527.0	-7658.5	420	10.0	91700.0	-7631.5
241	9.5	55345.0	-7634.0	331	10.0	74604.0	-7628.5	421	10.1	91732.0	-7618.5
242	10.0	55349.0	-7650.0	332	9.7	74935.0	-7602.5	422	9.7	91800.0	-7638.0
243	8.5	55437.0	-7607.0	333	8.4	75247.0	-7627.0	423	10.0	91807.0	-7639.5
244	9.5	55833.0	-7651.5	334	8.8	75251.0	-7650.0	424	9.5	91820.0	-7640.0
245	10.0	55849.0	-7601.5	335	10.0	75343.0	-7646.0	425	9.5	91649.0	-7615.0
246	9.5	60020.0	-7601.5	336	10.0	75417.0	-7605.0	426	10.0	92400.0	-7631.5
247	8.5	60016.0	-7649.0	337	8.8	75636.0	-7616.5	427	8.2	92520.0	-7611.0
248	9.5	60055.0	-7606.0	338	10.0	75640.0	-7649.0	428	8.3	92610.0	-7642.5
249	10.0	60313.0	-7614.0	339	9.3	75750.0	-7614.0	429	10.0	92746.0	-7641.5
250	9.3	60559.0	-7625.5	340	8.6	75859.0	-7609.5	430	10.0	92754.0	-7652.0
251	10.0	60630.0	-7656.0	341	10.0	80356.0	-7644.0	431	10.0	92928.0	-7601.5
252	10.0	61035.0	-7623.0	342	9.9	80502.0	-7653.5	432	9.6	92946.0	-7657.0
253	9.6	61050.0	-7650.0	343	10.0	80624.0	-7616.5	433	10.2	93119.0	-7614.5
254	9.4	61125.0	-7620.0	344	9.3	80805.0	-7620.5	434	10.0	93423.0	-7605.5
255	9.0	61252.0	-7640.0	345	9.7	80932.0	-7643.5	435	10.0	94017.0	-7612.0
256	10.0	61254.0	-7619.5	346	10.0	81137.0	-7616.5	436	10.0	94108.0	-7604.0
257	9.5	61257.0	-7654.0	347	8.9	81206.0	-7615.5	437	10.2	94215.0	-7655.0
258	9.3	61427.0	-7659.5	348	10.0	81412.0	-7641.0	438	9.9	94217.0	-7653.5
259	9.6	61455.0	-7613.0	349	9.3	81434.0	-7621.5	439	9.9	94334.0	-7625.0
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261	10.0	61803.0	-7643.5	351	9.8	81646.0	-7609.0	441	6.1	94619.0	-7611.5
262	8.3	62018.0	-7608.5	352	9.6	81658.0	-7632.0	442	8.5	94911.0	-7625.5
263	8.5	62051.0	-7559.5	353	10.0	81825.0	-7642.0	443	10.0	95010.0	-7620.0
264	10.0	62122.0	-7633.0	354	10.2	81840.0	-7602.0	444	9.5	95100.0	-7644.0
265	9.5	62131.0	-7635.0	355	9.3	81908.0	-7607.5	445	10.0	95526.0	-7623.0
266	8.0	62321.0	-7635.0	356	10.0	81936.0	-7657.0	446	8.2	95527.0	-7641.5
267	9.7	62420.0	-7640.0	357	8.5	81953.0	-7602.0	447	9.8	95548.0	-7610.0
268	10.0	62816.0	-7641.5	358	4.2	82145.0	-7631.5	448	10.0	95557.0	-7610.5
269	10.0	63029.0	-7620.5	359	9.9	82156.0	-7627.5	449	8.9	95838.0	-7609.5
270	9.3	63102.0	-7655.0	360	10.0	82158.0	-7648.0	450	9.9	95956.0	-7607.0
271	9.9	63149.0	-7635.0	361	9.8	82205.0	-7622.0	451	10.0	100433.0	-7600.5
272	10.1	63230.0	-7629.5	362	10.0	82210.0	-7623.0	452	9.7	100630.0	-7640.0
273	10.0	63237.0	-7639.0	363	10.0	82230.0	-7652.0	453	9.7	100645.0	-7656.0
274	9.6	63329.0	-7600.0	364	7.5	82535.0	-7601.5	454	10.0	100750.0	-7603.5
455	10.2	100852.0	-7614.5								
456	10.2	101110.0	-7645.0								
457	8.9	101418.0	-7628.0								
458	10.0	101434.0	-7619.0								
459	10.1	101442.0	-7646.0								
460	8.5	101910.0	-7620.5								
461	9.5	102110.0	-7626.0								
462	10.0	102213.0	-7606.0								
463	9.9	102254.0	-7625.5								
464	10.2	102330.0	-7614.0								
465	10.2	102546.0	-7621.5								
466	9.5	102854.0	-7617.0								
467	10.2	103001.0	-7612.0								
468	10.2	103026.0	-7603.0								
469	9.5	103037.0	-7616.0								
470	10.0	103258.0	-7618.5								
471	10.2	103825.0	-7601.0								
472	9.2	104233.0	-7635.0								
473	9.4	104415.0	-7657.0								
474	10.1	104600.0	-7645.5								
475	9.8	104617.0	-7632.5								
476	10.2	104620.0	-7614.5								
477	9.2	104652.0	-7627.0								
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479	9.6	105130.0	-7651.5								
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481	9.6	105557.0	-7626.0								
482	10.0	105708.0	-7621.0								
483	9.5	105807.0	-7605.0								
484	9.1	105813.0	-7656.0								
485	10.0	110006.0	-7615.5								
486	10.1	110349.0	-7657.5								
487	9.2	110430.0	-7602.0								
488	8.4	110435.0	-7659.0								
489	10.0	111113.0	-7621.0								
490	7.7	111123.0	-7650.5								
491	9.1	111305.0	-7612.5								
492	9.9	111415.0	-7626.0								
493	9.4	111525.0	-7658.5								
494	9.7	111740.0	-7638.5								
495	6.7	111745.0	-7655.5								
496	10.0	111833.0	-7609.0								
497	9.2	111838.0	-7602.0								
498	9.1	111857.0	-7659.5								
499	10.0	111859.0	-7611.0								
500	9.7	112125.0	-7650.5								
501	10.0	112329.0	-7655.0								
502	10.0	112550.0	-7617.0								
503	9.5	112626.0	-7623.0								
504	10.0	112747.0	-7656.0								
505	9.7	112758.0	-7645.0								
506	9.8	112900.0	-7619.0								
507	9.8	113055.0	-7609.0								
508	10.0	113139.0	-7649.0								
509	9.3	113140.0	-7600.0								
510	10.0	113220.0	-7641.0								
511	10.0	113258.0	-7650.0								
512	9.8	113433.0	-7646.5								
513	7.1	113611.0	-7621.5								
514	10.0	113817.0	-7600.0								
515	9.2	114002.0	-7605.5								
516	8.1	114013.0	-7610.0								
517	8.0	114220.0	-7612.0								
518	9.7	114325.0	-7635.0								
519	9.7	114351.0	-7650.0								
520	9.2	114623.0	-7653.5								
521	9.5	114708.0	-7608.5								
522	10.0	114723.0	-7643.5								
523	10.0	114846.0	-7632.0								
524	8.8	114956.0	-7619.0								
525	10.0	115038.0	-7658.0								
526	9.0	115115.0	-7645.0								
527	10.0	115225.0	-7648.0								
528	9.0	115412.0	-7617.0								
529	9.9	115538.0	-7617.0								
530	10.0	115554.0	-7650.0								
531	10.0	115615.0	-7650.0								
532	9.5	115700.0	-7635.0								
533	10.0	115833.0	-7630.5								
534	10.2	120115.0	-7623.0								
535	9.6	120146.0	-7642.0								
536	9.6	120217.0	-7659.5								
537	10.0	120446.0	-7637.5								
538	10.0	120603.0	-7602.5								
539	9.8	120659.0	-7623.5								
540	10.0	120713.0	-7628.5								
541	10.0	120849.0	-7607.0								
542	9.5	121003.0	-7640.5								
543	9.1	121011.0	-7657.0								
544	9.2	121102.0	-7643.5								

545	7.1	121240.0	-7606.5	635	9.9	141429.0	-7623.5	725	10.0	150647.0	-7652.0
546	10.0	121441.0	-7606.0	636	9.7	141436.0	-7622.0	726	10.0	150740.0	-7645.5
547	8.5	121605.0	-7659.0	637	9.2	141516.0	-7616.0	727	9.0	150807.0	-7617.0
548	7.5	121700.0	-7631.0	638	8.9	141541.0	-7636.0	728	10.0	150813.0	-7608.0
549	8.5	121823.0	-7611.5	639	6.5	141633.0	-7610.0	729	10.0	150845.0	-7642.5
550	9.3	121901.0	-7622.0	640	10.0	141639.0	-7659.5	730	10.0	150908.0	-7626.5
551	9.0	121912.0	-7631.0	641	10.0	141730.0	-7641.0	731	9.8	150913.0	-7645.0
552	9.4	121944.0	-7618.0	642	8.7	141858.0	-7636.0	732	7.2	150958.0	-7604.0
553	8.5	121952.0	-7604.0	643	10.0	141944.0	-7650.5	733	10.0	151025.0	-7606.0
554	9.5	121956.0	-7623.0	644	8.7	141958.0	-7653.5	734	10.0	151105.0	-7600.5
555	10.0	122240.0	-7621.0	645	10.0	142035.0	-7612.0	735	8.5	151135.0	-7614.5
556	10.0	122547.0	-7656.0	646	9.7	142132.0	-7640.0	736	9.2	151230.0	-7614.0
557	10.2	122634.0	-7649.0	647	7.4	142221.0	-7633.5	737	9.7	151238.0	-7604.0
558	9.9	123345.0	-7606.0	648	10.0	142312.0	-7652.0	738	10.0	151250.0	-7615.5
559	10.0	123352.0	-7627.0	649	9.8	142344.0	-7636.5	739	8.9	151340.0	-7605.0
560	8.9	123442.0	-7640.0	650	10.0	142406.0	-7636.0	740	9.9	151343.0	-7653.0
561	10.0	123547.0	-7653.0	651	9.1	142552.0	-7616.0	741	9.6	151411.0	-7621.0
562	10.2	123852.0	-7624.0	652	9.1	142645.0	-7647.5	742	9.5	151414.0	-7624.0
563	10.1	125128.0	-7618.5	653	10.0	142748.0	-7612.5	743	10.0	151600.0	-7620.0
564	10.1	125134.0	-7607.0	654	9.9	142810.0	-7617.5	744	10.0	151620.0	-7619.0
565	9.9	125234.0	-7653.0	655	6.7	142814.0	-7628.0	745	8.9	151646.0	-7633.0
566	10.0	125245.0	-7601.5	656	8.2	142837.0	-7647.0	746	10.0	151647.0	-7629.5
567	9.3	125409.0	-7621.5	657	10.0	142912.0	-7651.0	747	8.9	151706.0	-7634.0
568	9.9	125713.0	-7604.0	658	8.8	142945.0	-7630.5	748	8.3	151810.0	-7621.0
569	9.8	125759.0	-7633.0	659	10.0	143004.0	-7642.0	749	8.7	151811.0	-7603.0
570	9.2	125826.0	-7638.0	660	10.0	143031.0	-7642.0	750	10.0	151924.0	-7628.5
571	10.0	125844.0	-7610.0	661	9.9	143039.0	-7632.5	751	9.3	152054.0	-7626.0
572	9.9	125945.0	-7617.0	662	9.2	143123.0	-7648.5	752	9.2	152210.0	-7634.0
573	9.5	130022.0	-7635.0	663	10.0	143146.0	-7655.5	753	8.6	152214.0	-7616.5
574	8.2	130359.0	-7648.0	664	9.5	143226.0	-7632.5	754	9.8	152226.0	-7631.0
575	9.8	130523.0	-7659.5	665	8.3	143242.0	-7601.5	755	9.5	152237.0	-7615.0
576	10.2	130550.0	-7602.0	666	10.0	143336.0	-7617.0	756	10.0	152244.0	-7651.0
577	9.8	130640.0	-7650.0	667	10.0	143349.0	-7635.0	757	10.0	152248.0	-7648.0
578	10.2	130728.0	-7647.0	668	9.9	143406.0	-7639.0	758	9.8	152250.0	-7605.5
579	9.8	130752.0	-7658.5	669	10.0	143413.0	-7601.5	759	10.0	152340.0	-7642.5
580	9.7	130757.0	-7601.5	670	9.1	143512.0	-7627.5	760	10.0	152354.0	-7646.5
581	10.0	130820.0	-7653.0	671	10.0	143541.0	-7607.5	761	9.6	152630.0	-7602.5
582	9.3	131308.0	-7619.5	672	9.8	143550.0	-7628.0	762	9.8	152828.0	-7618.0
583	9.8	131538.0	-7643.0	673	10.0	143558.0	-7624.0	763	10.0	152940.0	-7617.0
584	6.6	132228.0	-7655.0	674	9.8	143610.0	-7619.5	764	9.5	152950.0	-7601.0
585	9.7	132229.0	-7641.5	675	10.0	143632.0	-7635.5	765	9.0	153028.0	-7638.5
586	9.5	132230.0	-7655.5	676	8.9	143656.0	-7632.5	766	10.0	153204.0	-7618.0
587	9.8	132757.0	-7651.0	677	6.6	143715.0	-7639.0	767	10.0	153206.0	-7647.0
588	9.5	132838.0	-7615.0	678	9.9	143754.0	-7633.0	768	8.2	153258.0	-7648.0
589	9.7	132912.0	-7646.0	679	10.0	143804.0	-7641.5	769	10.0	153548.0	-7634.0
590	8.0	133020.0	-7652.5	680	9.1	143915.0	-7648.5	770	9.3	153610.0	-7606.5
591	8.3	133136.0	-7609.5	681	9.5	143935.0	-7638.0	771	9.4	153648.0	-7649.5
592	9.9	133155.0	-7618.0	682	10.0	144042.0	-7620.0	772	10.0	153710.0	-7605.5
593	10.0	133209.0	-7634.5	683	10.0	144110.0	-7626.5	773	10.0	153721.0	-7644.0
594	10.0	133304.0	-7637.5	684	9.5	144140.0	-7625.0	774	9.7	153733.0	-7622.5
595	9.4	133410.0	-7626.5	685	10.0	144218.0	-7610.0	775	9.4	153753.0	-7607.5
596	10.0	133503.0	-7621.0	686	8.0	144330.0	-7637.0	776	10.0	153758.0	-7641.0
597	8.1	133531.0	-7654.0	687	8.3	144340.0	-7633.5	777	10.0	153759.0	-7656.5
598	10.2	133801.0	-7621.0	688	5.5	144344.0	-7609.0	778	9.8	153804.0	-7647.5
599	9.3	133914.0	-7658.5	689	6.5	144536.0	-7639.5	779	9.7	153830.0	-7635.0
600	9.2	133952.0	-7616.0	690	9.5	144543.0	-7634.0	780	9.5	153850.0	-7624.0
601	10.0	134140.0	-7634.0	691	9.8	144603.0	-7614.0	781	9.4	153852.0	-7620.5
602	10.0	134244.0	-7650.5	692	9.5	144624.0	-7632.0	782	9.5	154010.0	-7651.0
603	8.3	134430.0	-7637.5	693	10.0	144658.0	-7617.0	783	9.5	154234.0	-7657.0
604	9.3	134440.0	-7602.5	694	8.7	144700.0	-7657.5	784	10.0	154243.0	-7611.0
605	10.0	134534.0	-7616.5	695	10.0	144734.0	-7618.0	785	9.2	154253.0	-7615.0
606	10.0	134546.0	-7652.0	696	8.5	144739.0	-7647.5	786	9.8	154320.0	-7647.5
607	9.5	134616.0	-7612.0	697	10.0	144855.0	-7638.0	787	9.9	154520.0	-7601.0
608	9.9	134658.0	-7624.0	698	10.0	144923.0	-7609.0	788	10.0	154612.0	-7628.0
609	10.0	134707.0	-7605.0	699	10.0	145013.0	-7608.0	789	9.0	154621.0	-7635.5
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611	8.8	134716.0	-7610.5	701	9.6	145156.0	-7647.5	791	10.0	154827.0	-7615.5
612	9.2	134936.0	-7604.0	702	10.0	145203.0	-7633.0	792	10.0	154830.0	-7612.5
613	9.5	135128.0	-7623.0	703	9.5	145206.0	-7647.0	793	9.8	154830.0	-7649.0
614	10.0	135235.0	-7639.0	704	10.0	145224.0	-7614.5	794	8.4	154835.0	-7653.0
615	6.0	135315.0	-7611.5	705	9.7	145249.0	-7613.5	795	9.4	154903.0	-7655.0
616	9.8	135403.0	-7607.0	706	10.0	145253.0	-7629.0	796	10.0	154945.0	-7638.0
617	10.0	135423.0	-7603.0	707	9.4	145309.0	-7603.5	797	10.0	154955.0	-7657.5
618	10.0	135657.0	-7603.5	708	8.3	145323.0	-7636.0	798	9.9	155001.0	-7606.0
619	9.8	135933.0	-7630.0	709	8.9	145410.0	-7635.0	799	9.5	155108.0	-7602.5
620	9.8	135945.0	-7606.0	710	9.2	145452.0	-7607.5	800	7.8	155115.0	-7656.0
621	10.0	135950.0	-7640.5	711	9.8	145607.0	-7622.0	801	10.0	155130.0	-7602.5
622	9.2	140045.0	-7656.0	712	8.5	145619.0	-7628.0	802	7.5	155135.0	-7653.5
623	10.0	140125.0	-7645.0	713	9.5	145803.0	-7643.0	803	9.2	155337.0	-7634.0
624	9.8	140310.0	-7626.5	714	9.3	145813.0	-7636.0	804	9.9	155419.0	-7600.0
625	9.5	140323.0	-7638.0	715	10.0	145834.0	-7627.5	805	9.8	155456.0	-7614.5
626	10.0	140350.0	-7615.0	716	10.0	145838.0	-7608.5	806	9.6	155551.0	-7637.5
627	10.0	140613.0	-7631.0	717	9.4	145917.0	-7659.0	807	10.0	155632.0	-7640.5
628	8.4	140815.0	-7607.0	718	9.9	145940.0	-7621.0	808	10.0	155642.0	-7651.0
629	10.0	140839.0	-7623.0	719	7.6	150106.0	-7652.5	809	8.5	155816.0	-7621.5
630	10.0	140846.0	-7644.0	720	10.0	150116.0	-7643.5	810	10.0	155942.0	-7639.0
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632	10.0	141350.0	-7636.5	722	9.6	150448.0	-7630.0	812	9.6	160045.0	-7603.0
633	9.8	141401.0	-7643.0	723	10.1	150535.0	-7608.5	813	10.0	160106.0	-7619.0
634	9.4	141408.0	-7639.0	724	10.0	150556.0	-7642.0	814	9.7	160115.0	-7616.0
815	9.3	160141.0	-7656.0
816	8.6	160148.0	-7649.5
817	9.5	160212.0	-7640.5
818	9.8	160218.0	-7619.0
819	9.4	160250.0	-7648.5
820	9.0	160546.0	-7610.0
821	10.0	160608.0	-7603.0
822	8.5	160712.0	-7651.0
823	9.8	160712.0	-7631.0
824	8.8	160724.0	-7652.0
825	10.0	161035.0	-7630.0
826	9.8	161319.0	-7619.0
827	9.4	161350.0	-7602.0
828	10.0	161411.0	-7610.5
829	9.1	161456.0	-7604.5
830	8.7	161530.0	-7613.5
831	9.3	161701.0	-7657.0
832	10.0	161720.0	-7647.0
833	10.0	161726.0	-7609.0
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836	10.0	162424.0	-7655.0
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838	10.0	162504.0	-7616.0
839	10.0	162508.0	-7618.0
840	9.5	162609.0	-7657.5
841	9.9	162622.0	-7615.0
842	9.8	162724.0	-7626.0
843	9.7	162846.0	-7614.0
844	10.0	162934.0	-7615.0
845	10.0	163018.0	-7603.0
846	9.7	163025.0	-7659.5
847	10.0	163046.0	-7643.0
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855	9.4	163456.0	-7614.0
856	10.0	163507.0	-7634.0
857	10.0	163540.0	-7618.0
858	10.0	163624.0	-7608.0
859	9.8	163651.0	-7650.0
860	9.8	163708.0	-7635.0
861	10.0	163731.0	-7606.0
862	9.8	163750.0	-7610.0
863	10.0	163759.0	-7638.0
864	10.0	163841.0	-7641.0
865	9.9	163850.0	-7611.0
866	10.0	163926.0	-7616.0
867	8.4	164014.0	-7612.0
868	10.0	164106.0	-7640.0
869	9.7	164129.0	-7637.0
870	10.0	164129.0	-7611.0
871	9.8	164340.0	-7600.5
872	6.8	164344.0	-7601.0
873	9.2	164352.0	-7611.0
874	8.9	164633.0	-7643.5
875	10.0	164647.0	-7658.0
876	8.7	164729.0	-7611.0
877	9.5	164814.0	-7641.5
878	9.5	164931.0	-7605.0
879	7.0	165005.0	-7602.5
880	10.1	165052.0	-7613.5
881	10.0	165317.0	-7631.0
882	10.0	165320.0	-7646.0
883	8.6	165836.0	-7611.5
884	9.8	165926.0	-7602.5
885	9.5	170104.0	-7612.0
886	8.7	170435.0	-7651.5
887	10.0	170500.0	-7605.0
888	9.4	170506.0	-7620.5
889	8.0	170530.0	-7612.5
890	9.7	170626.0	-7611.0
891	10.0	170634.0	-7610.0
892	10.0	170637.0	-7614.0
893	9.4	170703.0	-7603.0
894	10.0	170708.0	-7626.5
895	9.8	170914.0	-7630.0
896	9.8	171112.0	-7656.5
897	9.7	171312.0	-7607.0
898	9.8	171543.0	-7646.0
899	10.0	171740.0	-7605.0
900	9.4	171800.0	-7646.5
901	10.0	171844.0	-7637.0
902	10.2	172040.0	-7609.0
903	10.0	172626.0	-7656.5
904	9.4	172726.0	-7640.0

905	9.6	172852.0	-7655.0	995	9.4	191115.0	-7601.5	1085	9.8	210120.0	-7627.0	1175	9.8	232926.0	-7646.0
906	9.5	172858.0	-7637.0	996	10.1	191215.0	-7602.5	1086	8.7	210210.0	-7635.5	1176	10.0	233134.0	-7656.5
907	9.7	172904.0	-7605.0	997	10.0	191235.0	-7615.0	1087	9.0	210225.0	-7625.0	1177	8.9	233201.0	-7655.5
908	10.0	172906.0	-7658.0	998	9.5	191412.0	-7654.0	1088	10.0	210533.0	-7640.0	1178	8.9	233220.0	-7648.5
909	9.3	173206.0	-7632.5	999	9.7	191609.0	-7603.0	1089	8.3	210553.0	-7622.0	1179	9.3	233620.0	-7615.5
910	8.2	173208.0	-7608.5	1000	9.9	191840.0	-7652.0	1090	10.0	210735.0	-7651.5	1180	10.0	234010.0	-7611.0
911	8.5	173310.0	-7638.0	1001	10.0	191940.0	-7639.0	1091	7.8	210950.0	-7601.5	1181	10.0	234022.0	-7645.5
912	7.5	173320.0	-7600.0	1002	10.0	192139.0	-7607.0	1092	10.0	210955.0	-7619.0	1182	10.0	234652.0	-7619.0
913	10.0	173400.0	-7649.0	1003	8.5	192215.0	-7621.0	1093	10.0	211003.0	-7631.0	1183	10.0	234653.0	-7645.0
914	10.0	173620.0	-7654.5	1004	9.6	192327.0	-7654.0	1094	9.5	211439.0	-7636.0	1184	9.9	234653.0	-7609.5
915	9.8	173633.0	-7648.0	1005	9.9	192618.0	-7605.0	1095	9.2	211509.0	-7632.5	1185	8.3	234740.0	-7652.0
916	10.0	173705.0	-7646.0	1006	10.0	192832.0	-7647.5	1096	9.9	211517.0	-7635.0	1186	9.5	234824.0	-7612.5
917	9.2	173735.0	-7627.5	1007	10.0	192941.0	-7652.0	1097	10.0	211658.0	-7628.5	1187	10.0	234939.0	-7616.5
918	10.0	173834.0	-7647.0	1008	9.8	192947.0	-7652.0	1098	9.5	211707.0	-7609.0	1188	10.0	235830.0	-7603.5
919	6.3	173959.0	-7608.5	1009	9.7	192958.0	-7638.0	1099	9.6	211743.0	-7633.0	1	7.8	00102.0	-7725.5
920	9.2	174044.0	-7657.0	1010	10.0	193227.0	-7630.5	1100	10.0	212011.0	-7618.0	2	9.5	00218.0	-7717.0
921	10.2	174451.0	-7625.5	1011	10.0	193255.0	-7606.5	1101	9.7	212245.0	-7633.5	3	10.0	00334.0	-7749.0
922	10.0	174458.0	-7611.5	1012	9.2	193339.0	-7642.0	1102	10.0	212927.0	-7650.0	4	10.0	00558.0	-7744.0
923	10.0	174511.0	-7614.5	1013	9.3	193412.0	-7608.0	1103	9.8	213027.0	-7654.5	5	8.5	00735.0	-7726.0
924	9.2	174752.0	-7632.5	1014	9.5	193453.0	-7659.5	1104	9.4	213110.0	-7603.0	6	9.6	01003.0	-7707.5
925	9.4	174920.0	-7606.0	1015	7.8	193612.0	-7629.0	1105	10.0	213152.0	-7647.0	7	9.0	01323.0	-7734.0
926	9.7	174934.0	-7612.5	1016	10.0	193715.0	-7634.0	1106	9.8	213459.0	-7604.0	8	9.5	01324.0	-7732.0
927	9.7	175039.0	-7658.5	1017	9.8	194109.0	-7607.5	1107	10.0	213536.0	-7617.0	9	7.8	01452.0	-7755.0
928	8.3	175717.0	-7641.0	1018	9.1	194128.0	-7638.0	1108	9.3	213739.0	-7654.5	10	10.0	01513.0	-7731.5
929	9.1	175850.0	-7606.0	1019	10.0	194304.0	-7616.5	1109	9.2	213809.0	-7647.0	11	9.9	01610.0	-7729.5
930	7.5	175910.0	-7636.5	1020	8.3	194428.0	-7658.5	1110	9.2	214130.0	-7651.0	12	10.0	01647.0	-7747.0
931	9.5	180030.0	-7606.5	1021	7.7	194435.0	-7633.5	1111	6.6	214433.0	-7648.0	13	10.0	01648.0	-7733.5
932	9.6	180054.0	-7604.5	1022	9.4	194630.0	-7639.0	1112	6.5	215001.0	-7616.5	14	8.3	01756.0	-7725.0
933	10.0	180127.0	-7645.0	1023	10.0	194635.0	-7628.0	1113	6.2	215046.0	-7643.0	15	2.7	01915.0	-7757.0
934	9.7	180202.0	-7614.5	1024	10.0	194803.0	-7632.5	1114	10.0	215050.0	-7604.0	16	9.6	02035.0	-7701.5
935	9.5	180429.0	-7659.0	1025	10.0	195320.0	-7638.5	1115	9.9	215125.0	-7629.5	17	9.3	02151.0	-7701.0
936	10.0	180518.0	-7614.0	1026	9.5	195350.0	-7614.0	1116	9.7	215253.0	-7649.5	18	10.0	02210.0	-7705.5
937	9.5	180545.0	-7638.0	1027	9.8	195406.0	-7624.0	1117	9.7	215605.0	-7653.5	19	10.0	02525.0	-7730.0
938	10.0	180826.0	-7642.0	1028	8.4	195442.0	-7658.5	1118	6.5	215850.0	-7629.5	20	9.5	02610.0	-7744.5
939	9.0	180827.0	-7656.0	1029	9.9	195646.0	-7636.0	1119	9.2	215940.0	-7639.5	21	6.8	03212.0	-7700.0
940	9.6	180914.0	-7656.5	1030	9.8	195741.0	-7641.5	1120	6.9	220005.0	-7643.5	22	10.0	03324.0	-7752.0
941	10.0	181002.0	-7649.5	1031	7.8	195806.0	-7614.0	1121	10.0	220044.0	-7603.5	23	9.9	03519.0	-7740.5
942	10.1	181047.0	-7654.0	1032	9.2	195835.0	-7645.0	1122	9.9	220117.0	-7658.5	24	10.0	03520.0	-7731.0
943	9.1	181200.0	-7645.0	1033	10.0	195958.0	-7615.0	1123	9.8	220307.0	-7601.0	25	9.5	04204.0	-7714.0
944	10.2	181324.0	-7650.0	1034	9.2	200212.0	-7608.5	1124	8.4	220815.0	-7644.0	26	9.1	04229.0	-7736.5
945	10.0	181652.0	-7602.5	1035	10.0	200227.0	-7652.5	1125	9.8	220959.0	-7635.0	27	10.1	04258.0	-7723.0
946	9.2	181957.0	-7652.0	1036	8.5	200319.0	-7630.0	1126	9.5	221300.0	-7625.0	28	9.6	04746.0	-7704.0
947	10.0	182005.0	-7603.0	1037	8.2	200326.0	-7603.0	1127	9.5	221301.0	-7602.5	29	9.8	04938.0	-7716.5
948	7.8	182058.0	-7635.5	1038	10.0	200417.0	-7600.5	1128	10.0	221513.0	-7622.5	30	10.0	05255.0	-7744.0
949	9.4	182130.0	-7654.5	1039	9.4	200612.0	-7634.5	1129	9.6	221519.0	-7624.5	31	7.5	05351.0	-7714.0
950	10.0	182135.0	-7642.0	1040	10.0	201320.0	-7601.5	1130	9.4	221910.0	-7617.0	32	10.0	05453.0	-7726.0
951	9.3	182153.0	-7659.5	1041	10.0	201625.0	-7637.0	1131	9.6	221947.0	-7626.0	33	10.0	05654.0	-7731.0
952	10.0	182211.0	-7644.5	1042	9.8	201638.0	-7611.5	1132	9.4	222227.0	-7646.5	34	10.0	05802.0	-7734.0
953	10.0	182413.0	-7626.0	1043	10.0	201739.0	-7640.0	1133	9.3	222340.0	-7642.0	35	9.6	05809.0	-7728.0
954	9.5	182446.0	-7612.0	1044	9.7	202044.0	-7639.5	1134	9.4	222434.0	-7612.0	36	10.0	05846.0	-7742.0
955	9.5	182631.0	-7642.0	1045	10.0	202100.0	-7617.0	1135	9.7	222659.0	-7632.5	37	9.9	10113.0	-7714.0
956	9.2	182803.0	-7616.0	1046	10.0	202123.0	-7654.0	1136	9.9	222806.0	-7626.5	38	9.5	10143.0	-7735.0
957	9.1	182830.0	-7600.0	1047	9.5	202150.0	-7618.0	1137	10.1	223321.0	-7633.0	39	8.4	10426.0	-7720.5
958	9.4	182835.0	-7602.5	1048	9.3	202159.0	-7604.0	1138	10.1	223328.0	-7638.0	40	9.5	10527.0	-7748.0
959	9.5	182836.0	-7643.0	1049	9.2	202317.0	-7636.0	1139	10.0	223343.0	-7649.0	41	10.0	10553.0	-7704.0
960	10.0	182928.0	-7659.0	1050	10.0	202520.0	-7625.0	1140	7.4	223619.0	-7604.5	42	8.5	10725.0	-7752.0
961	10.0	182945.0	-7624.0	1051	10.0	202546.0	-7601.5	1141	9.2	224738.0	-7625.0	43	7.8	11641.0	-7741.0
962	10.0	183100.0	-7607.0	1052	9.4	202546.0	-7633.0	1142	9.6	224755.0	-7626.0	44	10.0	11746.0	-7722.5
963	9.9	183212.0	-7625.0	1053	9.9	202630.0	-7645.0	1143	9.6	225028.0	-7634.0	45	8.3	12111.0	-7716.0
964	9.5	183310.0	-7650.0	1054	6.3	202635.0	-7637.0	1144	10.0	225118.0	-7624.0	46	9.8	12443.0	-7754.0
965	9.9	183514.0	-7639.0	1055	7.7	202736.0	-7659.0	1145	9.0	225143.0	-7608.5	47	9.3	12654.0	-7757.0
966	9.5	183648.0	-7656.0	1056	10.0	202930.0	-7601.5	1146	10.0	225205.0	-7625.0	48	8.5	12930.0	-7718.0
967	9.9	183820.0	-7653.0	1057	10.1	203017.0	-7608.0	1147	9.8	225407.0	-7649.0	49	10.0	12959.0	-7717.5
968	9.7	183854.0	-7623.0	1058	10.0	203310.0	-7623.0	1148	8.7	225549.0	-7626.0	50	8.7	13011.0	-7733.0
969	9.2	184002.0	-7630.0	1059	9.8	203430.0	-7642.0	1149	9.5	225801.0	-7649.0	51	10.0	13056.0	-7734.5
970	10.0	184240.0	-7622.0	1060	7.9	203445.0	-7617.0	1150	9.8	230005.0	-7631.0	52	10.0	13108.0	-7728.0
971	9.4	184254.0	-7625.0	1061	9.0	203506.0	-7622.0	1151	8.4	230006.0	-7634.5	53	9.8	13345.0	-7716.0
972	9.2	184420.0	-7645.5	1062	9.2	203639.0	-7604.5	1152	10.0	230103.0	-7642.0	54	8.4	13455.0	-7700.5
973	9.5	184457.0	-7648.5	1063	10.0	203652.0	-7658.0	1153	9.8	230405.0	-7619.5	55	10.0	13512.0	-7740.0
974	10.0	184540.0	-7637.0	1064	10.0	203750.0	-7641.5	1154	10.0	230605.0	-7615.0	56	9.0	13715.0	-7708.0
975	9.5	184557.0	-7633.5	1065	9.5	203818.0	-7658.5	1155	9.6	230732.0	-7612.5	57	9.8	13716.0	-7727.0
976	8.2	184602.0	-7616.5	1066	9.8	203828.0	-7628.5	1156	9.2	230803.0	-7613.0	58	10.0	14244.0	-7723.0
977	9.7	184738.0	-7649.0	1067	9.8	203844.0	-7604.0	1157	7.3	231210.0	-7619.0	59	7.2	14437.0	-7759.0
978	9.9	185011.0	-7650.5	1068	9.8	204015.0	-7620.0	1158	10.0	231214.0	-7627.0	60	9.6	14548.0	-7735.0
979	10.0	185033.0	-7652.0	1069	9.5	204306.0	-7634.0	1159	10.0	231306.0	-7601.0	61	8.9	14648.0	-7724.0
980	10.0	185304.0	-7645.0	1070	8.2	204331.0	-7629.5	1160	9.8	231426.0	-7618.0	62	9.5	14735.0	-7703.0
981	7.0	185315.0	-7635.5	1071	10.0	204505.0	-7615.5	1161	9.9	231548.0	-7636.0	63	9.7	15035.0	-7737.5
982	9.9	185454.0	-7657.0	1072	9.9	204516.0	-7654.0	1162	9.7	231641.0	-7613.5	64	10.0	15059.0	-7758.5
983	9.9	185626.0	-7650.0	1073	9.3	204617.0	-7631.5	1163	8.5	231650.0	-7647.5	65	10.0	15356.0	-7707.5
984	10.0	185705.0	-7620.5	1074	9.8	204654.0	-7650.0	1164	9.9	231840.0	-7619.5	66	8.5	15401.0	-7751.0
985	10.0	185840.0	-7626.5	1075	9.2	205346.0	-7648.5	1165	9.2	231915.0	-7642.5	67	9.9	15505.0	-7738.5
986	6.8	185922.0	-7600.5	1076	7.7	205400.0	-7628.5	1166	8.8	231924.0	-7606.5	68	9.7	15729.0	-7748.5
987	9.0	190305.0	-7602.5	1077	6.8	205415.0	-7642.5	1167	9.5	232022.0	-7604.0	69	9.5	15844.0	-7740.5
988	9.8	190527.0	-7633.0	1078	10.0	205531.0	-7631.0	1168	9.4	232121.0	-7638.0	70	10.0	15900.0	-7730.0
989	9.4	190633.0	-7622.0	1079	9.3	205635.0	-7640.5	1169	9.5	232227.0	-7641.0	71	10.0	20153.0	-7734.0
990	9.8	190827.0	-7630.0	1080	9.9	205855.0	-7644.0	1170	9.2	232605.0	-7617.5	72	10.0	20532.0	-7754.0
991	8.5	190903.0	-7636.0	1081	9.2	205949.0	-7658.0	1171	10.0	232618.0	-7645.0	73	9.7	20618.0	-7747.0
992	9.6	190904.0	-7608.5	1082	9.3	205954.0	-7623.0	1172	10.0	232627.0	-7638.0	74	10.2	20648.0	-7724.0
993	10.0	190913.0	-7657.0	1083	9.5	210105.0	-7604.5	1173	10.0	232825.0	-7641.0	75	8.5	20859.0	-7712.5
994	10.0	191111.0	-7652.0	1084	8.9	210110.0	-7644.0	1174	9.8	232910.0	-7631.5	76	9.5	20922.0	-7716.5

77	6.7	21023.0	-7713.0	167	8.8	44132.0	-7707.5	257	9.2	64648.0	-7726.5	347	10.2	84355.0	-7712.5
78	9.8	21040.0	-7725.0	168	9.3	44258.0	-7719.0	258	10.0	64737.0	-7758.0	348	9.6	84428.0	-7722.5
79	8.7	21130.0	-7717.0	169	6.4	44404.0	-7753.5	259	9.0	65001.0	-7706.5	349	10.2	84851.0	-7727.5
80	9.5	21302.0	-7737.5	170	9.8	44730.0	-7747.0	260	10.0	65006.0	-7737.5	350	10.2	85015.0	-7707.5
81	10.0	21451.0	-7755.0	171	9.8	44809.0	-7747.0	261	10.0	65102.0	-7705.0	351	9.7	85042.0	-7710.5
82	9.8	21511.0	-7729.0	172	10.0	44812.0	-7714.0	262	8.0	65603.0	-7756.0	352	10.2	85149.0	-7703.5
83	9.0	21531.0	-7716.5	173	10.1	45000.0	-7754.5	263	9.0	65609.0	-7717.0	353	9.2	85155.0	-7708.0
84	9.6	21847.0	-7709.0	174	10.0	45010.0	-7748.0	264	7.5	65703.0	-7731.0	354	9.7	85201.0	-7736.0
85	9.5	21926.0	-7747.0	175	9.0	45118.0	-7714.0	265	9.8	65830.0	-7743.0	355	9.3	85242.0	-7739.5
86	9.7	22041.0	-7721.0	176	9.8	45421.0	-7713.0	266	7.5	70002.0	-7736.5	356	9.5	85344.0	-7734.5
87	8.9	22140.0	-7759.0	177	9.2	45742.0	-7714.0	267	10.0	70429.0	-7717.5	357	9.5	85638.0	-7730.0
88	10.0	22251.0	-7735.0	178	10.2	45912.0	-7744.0	268	9.5	70905.0	-7756.0	358	8.5	85724.0	-7707.5
89	10.0	22259.0	-7739.0	179	10.2	50107.0	-7743.5	269	8.2	70932.0	-7745.0	359	10.0	85753.0	-7718.0
90	10.0	22400.0	-7707.5	180	10.2	50244.0	-7740.0	270	9.6	71035.0	-7759.0	360	9.3	85826.0	-7730.5
91	8.9	22536.0	-7722.0	181	10.2	50421.0	-7727.0	271	9.7	71110.0	-7752.0	361	10.1	90119.0	-7726.5
92	9.0	22630.0	-7744.0	182	8.0	51229.0	-7742.0	272	10.0	71152.0	-7729.0	362	8.6	90210.0	-7736.0
93	10.2	22907.0	-7742.0	183	10.0	51231.0	-7729.0	273	9.3	71315.0	-7742.5	363	9.5	90240.0	-7754.5
94	8.5	22907.0	-7758.5	184	9.8	51323.0	-7756.0	274	10.0	71508.0	-7710.0	364	9.8	90416.0	-7759.5
95	10.0	23232.0	-7709.0	185	9.5	51329.0	-7711.0	275	9.2	71640.0	-7711.5	365	9.9	90800.0	-7754.0
96	10.2	23340.0	-7706.5	186	10.2	51422.0	-7701.0	276	9.7	71746.0	-7734.0	366	10.0	90957.0	-7709.0
97	10.2	23455.0	-7722.5	187	10.2	51510.0	-7735.0	277	9.4	71817.0	-7732.0	367	9.5	91107.0	-7749.0
98	9.9	23543.0	-7735.5	188	8.0	51608.0	-7721.5	278	9.2	71935.0	-7720.0	368	9.6	91202.0	-7700.0
99	9.9	23630.0	-7738.0	189	9.0	52033.0	-7706.5	279	9.3	72152.0	-7706.5	369	10.0	91406.0	-7734.0
100	10.0	24013.0	-7738.5	190	9.2	52326.0	-7702.0	280	10.0	72334.0	-7730.0	370	8.7	91537.0	-7742.0
101	10.2	24153.0	-7726.0	191	9.8	52359.0	-7718.0	281	9.8	72544.0	-7737.0	371	9.5	91612.0	-7749.0
102	10.0	24212.0	-7743.5	192	9.9	52537.0	-7712.0	282	10.2	72548.0	-7702.5	372	10.0	91621.0	-7719.0
103	9.0	24513.0	-7700.0	193	10.0	52739.0	-7725.0	283	9.8	72621.0	-7737.0	373	10.2	91707.0	-7709.5
104	9.9	24627.0	-7716.0	194	9.5	52740.0	-7748.0	284	10.1	72622.0	-7722.0	374	10.0	91722.0	-7735.5
105	10.0	24848.0	-7732.0	195	9.3	52951.0	-7700.0	285	9.3	72739.0	-7740.5	375	10.1	91823.0	-7729.5
106	9.5	24950.0	-7707.5	196	10.0	53142.0	-7710.0	286	9.8	72746.0	-7741.5	376	10.1	91857.0	-7712.5
107	9.7	25238.0	-7710.0	197	9.5	53245.0	-7749.0	287	10.2	72830.0	-7727.0	377	9.6	91921.0	-7707.0
108	10.0	25240.0	-7709.5	198	10.2	53322.0	-7735.5	288	9.6	73023.0	-7711.5	378	8.5	92003.0	-7754.0
109	10.0	25420.0	-7708.0	199	9.3	53329.0	-7728.0	289	10.0	73320.0	-7757.0	379	8.2	92103.0	-7707.0
110	9.1	25720.0	-7710.5	200	9.8	53712.0	-7703.0	290	9.7	73338.0	-7716.5	380	10.0	92136.0	-7709.0
111	10.0	30120.0	-7753.0	201	10.0	53900.0	-7756.0	291	10.0	73423.0	-7742.5	381	7.6	92509.0	-7721.5
112	9.0	30655.0	-7758.0	202	10.2	54120.0	-7719.0	292	8.3	73428.0	-7733.5	382	9.8	92544.0	-7751.5
113	7.5	30711.0	-7738.5	203	9.7	54314.0	-7748.0	293	8.3	73759.0	-7748.5	383	10.0	92618.0	-7730.0
114	9.6	30909.0	-7714.0	204	10.0	54700.0	-7750.0	294	10.0	73905.0	-7740.5	384	10.2	92633.0	-7730.5
115	8.8	31553.0	-7729.5	205	9.8	54726.0	-7720.0	295	7.0	74104.0	-7720.5	385	8.6	92810.0	-7708.5
116	5.9	31907.0	-7750.5	206	10.0	54749.0	-7726.0	296	10.0	74112.0	-7731.0	386	9.9	92858.0	-7711.5
117	6.9	32739.0	-7710.5	207	9.5	54805.0	-7745.0	297	9.6	74403.0	-7734.5	387	9.0	92952.0	-7742.5
118	9.1	32859.0	-7702.5	208	9.2	54845.0	-7729.5	298	9.3	74456.0	-7759.0	388	9.3	92957.0	-7742.5
119	10.0	33101.0	-7706.0	209	10.2	54956.0	-7710.5	299	8.3	74533.0	-7739.0	389	9.8	93115.0	-7759.5
120	9.9	33157.0	-7739.0	210	9.2	55025.0	-7723.5	300	10.0	74738.0	-7738.0	390	9.2	93143.0	-7703.0
121	9.8	33301.0	-7754.0	211	9.8	55050.0	-7742.0	301	9.8	74945.0	-7737.0	391	9.7	93236.0	-7729.5
122	10.1	33409.0	-7729.0	212	9.8	55059.0	-7713.5	302	9.0	75054.0	-7751.0	392	10.0	93340.0	-7759.0
123	9.5	33517.0	-7731.0	213	9.7	55348.0	-7736.0	303	8.4	75144.0	-7719.0	393	9.2	93608.0	-7747.0
124	9.5	33610.0	-7749.0	214	8.6	55409.0	-7724.0	304	9.9	75230.0	-7747.0	394	9.9	93708.0	-7721.0
125	10.1	33632.0	-7714.0	215	10.0	55700.0	-7712.5	305	10.2	75400.0	-7711.0	395	10.2	93726.0	-7749.5
126	10.0	33656.0	-7720.5	216	10.2	60026.0	-7723.0	306	9.5	75650.0	-7744.0	396	10.0	93727.0	-7710.0
127	9.0	33725.0	-7758.5	217	9.3	60201.0	-7754.0	307	10.0	75814.0	-7720.0	397	8.9	93738.0	-7747.0
128	8.9	33733.0	-7717.5	218	9.6	60224.0	-7751.0	308	9.9	75930.0	-7705.0	398	9.9	93807.0	-7741.0
129	9.2	34009.0	-7731.5	219	9.6	60228.0	-7711.0	309	9.4	75954.0	-7757.5	399	10.2	93838.0	-7733.0
130	8.2	34029.0	-7729.5	220	9.4	60229.0	-7714.0	310	9.7	80131.0	-7748.0	400	9.8	93937.0	-7716.0
131	10.0	34348.0	-7720.0	221	9.2	60509.0	-7736.0	311	10.2	80543.0	-7754.0	401	10.0	93950.0	-7701.0
132	9.9	34428.0	-7737.0	222	9.0	60509.0	-7716.0	312	10.0	80653.0	-7712.0	402	10.2	94026.0	-7753.0
133	9.7	34708.0	-7742.0	223	9.9	60547.0	-7727.5	313	9.7	80655.0	-7757.0	403	10.0	94104.0	-7729.0
134	9.6	34738.0	-7754.0	224	9.6	60748.0	-7742.5	314	10.0	80916.0	-7708.0	404	10.0	94204.0	-7751.0
135	10.0	34758.0	-7751.0	225	10.2	60841.0	-7738.5	315	10.0	81008.0	-7757.5	405	10.0	94546.0	-7722.0
136	10.0	34925.0	-7732.5	226	9.0	60914.0	-7715.5	316	9.3	81140.0	-7709.0	406	9.9	94608.0	-7747.0
137	10.0	34959.0	-7722.5	227	10.0	61240.0	-7729.5	317	10.0	81308.0	-7716.0	407	10.0	94800.0	-7722.5
138	8.0	35012.0	-7706.0	228	9.5	61257.0	-7755.5	318	10.0	81319.0	-7712.0	408	9.2	94834.0	-7759.0
139	9.5	35108.0	-7744.0	229	9.6	61358.0	-7736.0	319	10.1	81340.0	-7717.0	409	10.0	94851.0	-7737.5
140	9.5	35108.0	-7746.0	230	9.5	61416.0	-7722.0	320	9.0	81452.0	-7738.5	410	8.0	94948.0	-7742.0
141	10.0	35253.0	-7735.5	231	10.0	61440.0	-7737.0	321	9.2	81507.0	-7759.5	411	10.0	95018.0	-7722.5
142	9.1	35253.0	-7743.0	232	6.9	61610.0	-7704.0	322	9.2	81555.0	-7743.0	412	10.0	95309.0	-7713.0
143	9.3	40135.0	-7711.0	233	10.0	61622.0	-7726.0	323	10.1	81627.0	-7715.0	413	9.3	95310.0	-7704.0
144	9.8	40136.0	-7719.0	234	10.0	61633.0	-7730.5	324	9.5	81645.0	-7731.5	414	10.0	95333.0	-7741.0
145	10.0	40254.0	-7714.0	235	9.2	61721.0	-7727.5	325	10.0	81706.0	-7738.0	415	9.8	95338.0	-7715.5
146	9.5	40554.0	-7753.0	236	9.2	61726.0	-7728.0	326	9.8	81905.0	-7703.0	416	9.4	95342.0	-7702.0
147	10.0	40810.0	-7705.5	237	8.6	61742.0	-7719.0	327	10.0	82005.0	-7723.5	417	9.9	95417.0	-7727.0
148	9.4	41205.0	-7753.5	238	9.0	62240.0	-7702.5	328	4.7	82421.0	-7705.0	418	9.2	95456.0	-7718.5
149	9.8	41311.0	-7704.0	239	9.4	62454.0	-7716.0	329	8.0	82423.0	-7755.0	419	9.8	95759.0	-7721.0
150	8.8	41345.0	-7722.0	240	10.2	62616.0	-7717.0	330	9.9	82436.0	-7717.0	420	10.0	95830.0	-7741.0
151	10.2	41528.0	-7715.5	241	10.0	62643.0	-7715.0	331	10.0	82526.0	-7708.5	421	10.0	95844.0	-7725.5
152	10.1	41904.0	-7754.0	242	10.2	62714.0	-7717.0	332	9.5	82545.0	-7727.0	422	9.8	95941.0	-7752.0
153	10.0	41923.0	-7727.0	243	10.0	62948.0	-7722.0	333	9.2	82848.0	-7722.0	423	10.2	100312.0	-7741.0
154	10.0	42022.0	-7703.0	244	6.9	63402.0	-7712.0	334	8.9	83056.0	-7718.5	424	10.2	100405.0	-7717.0
155	9.8	42206.0	-7728.0	245	10.0	63510.0	-7722.0	335	10.2	83117.0	-7756.5	425	10.0	100444.0	-7715.5
156	9.8	42248.0	-7747.0	246	9.7	63530.0	-7755.0	336	10.0	83210.0	-7722.0	426	9.8	100450.0	-7742.5
157	9.0	42325.0	-7721.0	247	9.5	63600.0	-7705.5	337	9.4	83321.0	-7731.0	427	9.8	100511.0	-7753.5
158	9.9	42405.0	-7738.0	248	9.9	63624.0	-7731.5	338	9.8	83352.0	-7732.0	428	9.9	100654.0	-7705.5
159	7.8	43021.0	-7757.5	249	10.1	63917.0	-7729.0	339	10.0	83420.0	-7742.5	429	10.0	100745.0	-7740.5
160	9.5	43138.0	-7700.0	250	10.0	63926.0	-7740.0	340	9.7	83501.0	-7721.0	430	10.2	100747.0	-7750.5
161	9.2	43731.0	-7744.0	251	9.8	63956.0	-7700.5	341	10.0	83559.0	-7758.5	431	9.3	100822.0	-7756.5
162	8.9	43948.0	-7706.5	252	6.7	64011.0	-7734.5	342	10.2	83706.0	-7743.0	432	10.1	100947.0	-7757.5
163	9.4	43953.0	-7706.0	253	8.9	64309.0	-7734.0	343	9.5	83838.0	-7754.0	433	10.0	101131.0	-7705.0
164	9.8	44017.0	-7719.0	254	8.2	64338.0	-7725.0	344	9.5	84048.0	-7710.0	434	10.0	101147.0	-7743.0
165	9.6	44053.0	-7736.0	255	10.0	64449.0	-7720.0	345	9.5	84058.0	-7704.5	435	9.9	101305.0	-7733.5
166	10.0	44130.0	-7732.0	256	10.0	64543.0	-7727.0	346	9.0	84207.0	-7709.5	436	9.9	101340.0	-7700.0

437	10.0	101353.0	-7701.5	527	9.0	115337.0	-7730.0	617	9.9	133943.0	-7735.5	707	10.2	145750.0	-7724.0
438	8.5	101424.0	-7739.5	528	7.1	115353.0	-7729.7	618	10.0	134055.0	-7732.5	708	9.8	145817.0	-7700.0
439	9.5	101459.0	-7727.0	529	9.5	115434.0	-7728.5	619	9.8	134124.0	-7747.0	709	9.9	145900.0	-7714.0
440	9.1	101506.0	-7714.5	530	9.6	115715.0	-7704.0	620	10.0	134219.0	-7753.0	710	9.8	145955.0	-7746.0
441	10.0	101528.0	-7749.0	531	10.1	115731.0	-7756.0	621	8.0	134303.0	-7731.0	711	8.9	145956.0	-7713.5
442	10.0	101845.0	-7734.5	532	10.0	115806.0	-7704.5	622	9.0	134346.0	-7711.0	712	10.0	150058.0	-7709.0
443	9.6	101947.0	-7718.5	533	10.0	115818.0	-7755.0	623	9.2	134421.0	-7750.5	713	9.0	150213.0	-7724.0
444	10.0	102035.0	-7748.0	534	9.5	115930.0	-7743.5	624	9.3	134437.0	-7706.0	714	10.2	150219.0	-7722.5
445	10.1	102153.0	-7746.0	535	10.0	115931.0	-7746.5	625	10.2	134655.0	-7738.0	715	9.2	150220.0	-7721.0
446	9.7	102405.0	-7726.5	536	9.2	120210.0	-7724.0	626	6.5	134744.0	-7758.5	716	9.9	150222.0	-7701.0
447	9.9	102429.0	-7743.5	537	9.7	120223.0	-7717.0	627	10.0	134801.0	-7755.0	717	10.2	150353.0	-7745.0
448	8.3	102448.0	-7757.5	538	10.2	120238.0	-7735.0	628	8.5	134833.0	-7736.0	718	10.2	150407.0	-7715.0
449	9.8	102843.0	-7728.0	539	10.2	120355.0	-7727.5	629	10.0	134921.0	-7744.0	719	9.2	150421.0	-7719.0
450	10.2	102910.0	-7729.0	540	10.0	120417.0	-7714.0	630	8.7	134956.0	-7748.0	720	9.2	150539.0	-7703.5
451	8.9	102941.0	-7731.5	541	9.9	120543.0	-7714.5	631	7.9	135136.0	-7709.0	721	10.0	150623.0	-7758.0
452	10.0	103024.0	-7705.0	542	6.9	120655.0	-7753.0	632	10.2	135143.0	-7737.0	722	10.0	150638.0	-7701.0
453	9.9	103247.0	-7728.5	543	10.0	120657.0	-7722.5	633	8.9	135436.0	-7714.0	723	8.7	150657.0	-7715.0
454	4.4	103358.0	-7757.5	544	9.8	120904.0	-7750.0	634	9.5	135439.0	-7739.0	724	8.5	150717.0	-7704.5
455	9.5	103505.0	-7714.0	545	9.5	121000.0	-7752.0	635	9.3	135502.0	-7725.5	725	10.0	150730.0	-7751.0
456	10.0	103646.0	-7719.0	546	9.5	121002.0	-7709.0	636	10.0	135714.0	-7743.0	726	10.0	151001.0	-7731.0
457	10.2	103651.0	-7745.5	547	10.2	121003.0	-7745.0	637	9.2	135732.0	-7716.0	727	9.3	151039.0	-7718.5
458	9.9	103713.0	-7718.0	548	10.0	121108.0	-7714.0	638	10.2	135819.0	-7724.5	728	9.2	151147.0	-7759.5
459	9.9	103749.0	-7721.5	549	10.0	121115.0	-7759.5	639	8.9	140025.0	-7739.5	729	9.9	151456.0	-7726.0
460	10.0	103758.0	-7720.5	550	10.0	121324.0	-7721.5	640	10.0	140041.0	-7754.0	730	10.2	151535.0	-7758.0
461	10.1	103825.0	-7747.0	551	9.3	121352.0	-7728.5	641	9.9	140157.0	-7754.0	731	10.0	151553.0	-7726.0
462	10.2	103842.0	-7703.5	552	9.0	121638.0	-7740.5	642	9.9	140228.0	-7752.0	732	10.0	151627.0	-7751.0
463	9.3	103845.0	-7750.0	553	10.0	121923.0	-7751.5	643	6.9	140351.0	-7704.5	733	9.0	151628.0	-7705.0
464	9.5	104000.0	-7732.0	554	10.0	121923.0	-7750.5	644	8.5	140358.0	-7705.5	734	9.8	151630.0	-7704.8
465	9.9	104135.0	-7733.0	555	10.0	122025.0	-7707.0	645	10.2	140430.0	-7718.5	735	10.0	151645.0	-7754.0
466	10.1	104405.0	-7758.0	556	9.7	122230.0	-7742.0	646	10.0	140501.0	-7737.0	736	10.0	151710.0	-7713.0
467	10.0	104417.0	-7719.5	557	9.2	122241.0	-7714.5	647	9.9	140555.0	-7752.0	737	9.9	151811.0	-7740.0
468	10.2	104508.0	-7744.0	558	9.2	122416.0	-7701.0	648	10.2	140702.0	-7753.0	738	7.2	152212.0	-7749.0
469	9.5	104806.0	-7718.0	559	7.8	122421.0	-7730.0	649	10.0	140709.0	-7740.5	739	6.7	152247.0	-7729.5
470	10.2	105007.0	-7736.0	560	10.0	122540.0	-7703.5	650	9.3	140718.0	-7720.5	740	9.6	152252.0	-7747.5
471	10.0	105024.0	-7752.0	561	9.3	122642.0	-7727.5	651	8.7	140905.0	-7749.5	741	10.1	152403.0	-7736.0
472	10.1	110248.0	-7729.0	562	8.6	122643.0	-7736.5	652	9.7	141050.0	-7704.0	742	9.2	152404.0	-7744.0
473	8.5	110544.0	-7707.0	563	9.0	122821.0	-7701.0	653	9.5	141123.0	-7712.5	743	9.9	152421.0	-7713.0
474	10.2	110650.0	-7736.0	564	10.1	122827.0	-7717.5	654	10.2	141137.0	-7702.0	744	10.0	152439.0	-7749.0
475	10.0	110738.0	-7743.5	565	10.0	122833.0	-7747.0	655	9.9	141147.0	-7724.0	745	10.0	152610.0	-7739.5
476	9.4	111018.0	-7738.0	566	9.2	123007.0	-7709.5	656	10.0	141156.0	-7726.5	746	9.3	152746.0	-7739.0
477	10.2	111138.0	-7740.5	567	9.0	123154.0	-7746.5	657	8.6	141159.0	-7753.0	747	10.0	152946.0	-7716.0
478	10.1	111241.0	-7745.0	568	9.1	123202.0	-7710.0	658	10.0	141254.0	-7737.0	748	8.9	152958.0	-7702.0
479	10.5	111247.0	-7744.5	569	9.0	123219.0	-7715.5	659	10.1	141421.0	-7747.0	749	9.7	153017.0	-7734.0
480	10.1	111541.0	-7737.5	570	10.0	123230.0	-7743.5	660	9.5	141521.0	-7754.0	750	9.6	153047.0	-7736.0
481	10.0	111607.0	-7737.0	571	10.0	123358.0	-7703.0	661	8.5	141555.0	-7735.5	751	8.0	153103.0	-7703.5
482	9.8	111834.0	-7739.5	572	10.0	123713.0	-7733.0	662	10.0	141558.0	-7714.0	752	10.2	153153.0	-7724.0
483	10.0	112009.0	-7720.0	573	10.1	123727.0	-7745.0	663	9.2	141742.0	-7744.3	753	10.0	153212.0	-7748.0
484	10.0	112012.0	-7709.5	574	9.3	123757.0	-7753.5	664	9.8	141817.0	-7744.0	754	10.2	153225.0	-7740.0
485	9.2	112057.0	-7701.0	575	10.0	124235.0	-7735.5	665	10.0	142214.0	-7710.0	755	9.8	153547.0	-7732.5
486	10.1	112059.0	-7714.5	576	9.6	124307.0	-7714.0	666	9.5	142230.0	-7746.0	756	7.8	153637.0	-7746.5
487	9.5	112158.0	-7726.0	577	9.6	124335.0	-7728.0	667	9.0	142416.0	-7728.0	757	7.5	153832.0	-7721.0
488	8.0	112254.0	-7750.0	578	8.2	124502.0	-7721.0	668	8.8	142440.0	-7704.0	758	10.0	153908.0	-7750.0
489	10.0	112417.0	-7737.0	579	10.2	124935.0	-7707.0	669	9.9	142443.0	-7747.0	759	8.7	153933.0	-7746.0
490	9.3	112458.0	-7705.0	580	10.0	124940.0	-7707.5	670	9.4	142602.0	-7724.0	760	8.5	154029.0	-7726.0
491	10.0	112610.0	-7723.0	581	10.0	125416.0	-7745.5	671	10.0	142622.0	-7709.0	761	10.2	154046.0	-7712.0
492	10.0	112707.0	-7701.5	582	8.9	125709.0	-7712.0	672	10.2	142833.0	-7757.0	762	10.0	154057.0	-7735.0
493	8.9	112807.0	-7750.0	583	6.6	125822.0	-7746.5	673	10.2	142836.0	-7741.0	763	10.0	154216.0	-7741.0
494	9.8	112919.0	-7703.0	584	10.0	125855.0	-7750.5	674	8.8	142901.0	-7709.5	764	6.6	154235.0	-7739.0
495	9.8	113007.0	-7728.5	585	9.9	125942.0	-7739.5	675	9.5	142919.0	-7720.0	765	10.0	154252.0	-7745.0
496	9.2	113025.0	-7716.5	586	10.0	130323.0	-7711.0	676	10.0	142954.0	-7708.5	766	10.0	154332.0	-7709.5
497	9.8	113046.0	-7706.5	587	9.7	130348.0	-7735.0	677	10.0	143000.0	-7740.5	767	9.8	154410.0	-7757.0
498	9.5	113102.0	-7716.0	588	6.3	130358.0	-7747.0	678	9.5	143011.0	-7746.5	768	10.0	154422.0	-7723.0
499	9.0	113121.0	-7719.0	589	10.0	130420.0	-7730.0	679	7.8	143016.0	-7712.0	769	8.8	154526.0	-7707.0
500	9.2	113224.0	-7717.5	590	8.5	130951.0	-7718.0	680	8.4	143118.0	-7714.0	770	10.0	154536.0	-7742.5
501	10.0	113326.0	-7742.0	591	9.2	131045.0	-7728.0	681	10.1	143249.0	-7713.0	771	10.0	154543.0	-7745.0
502	10.0	113349.0	-7736.5	592	10.0	131115.0	-7713.0	682	10.0	143444.0	-7722.0	772	9.5	154628.0	-7728.0
503	10.0	113422.0	-7709.5	593	8.7	131119.0	-7731.0	683	10.1	143454.0	-7712.0	773	9.7	154702.0	-7707.5
504	10.0	113425.0	-7719.5	594	8.4	131429.0	-7724.0	684	10.0	143458.0	-7723.0	774	9.1	154810.0	-7728.0
505	9.9	113504.0	-7739.0	595	10.2	131545.0	-7705.0	685	10.0	143519.0	-7742.0	775	10.2	154833.0	-7734.5
506	9.5	113642.0	-7727.5	596	9.5	131956.0	-7725.0	686	10.0	143759.0	-7734.0	776	10.2	154848.0	-7713.5
507	10.0	113720.0	-7729.0	597	10.0	132212.0	-7717.0	687	9.4	143908.0	-7746.5	777	10.0	154954.0	-7701.5
508	8.5	113745.0	-7731.5	598	10.0	132228.0	-7747.5	688	10.0	143912.0	-7737.5	778	10.1	155002.0	-7731.5
509	8.6	113912.0	-7707.5	599	10.2	132230.0	-7746.5	689	9.4	144114.0	-7702.5	779	10.0	155009.0	-7721.5
510	8.8	113952.0	-7755.0	600	10.2	132252.0	-7724.0	690	10.0	144114.0	-7753.0	780	10.1	155010.0	-7704.5
511	9.7	114046.0	-7750.0	601	9.3	132301.0	-7713.0	691	9.1	144122.0	-7708.0	781	8.2	155208.0	-7707.5
512	9.5	114124.0	-7759.5	602	9.8	132304.0	-7724.0	692	10.0	144238.0	-7738.0	782	10.0	155338.0	-7722.0
513	9.4	114132.0	-7745.0	603	10.0	132311.0	-7712.0	693	10.0	144301.0	-7745.0	783	10.2	155409.0	-7734.0
514	8.9	114136.0	-7712.5	604	10.0	132632.0	-7748.5	694	9.5	144319.0	-7705.0	784	10.0	155511.0	-7722.0
515	8.5	114209.0	-7711.5	605	10.0	132642.0	-7755.0	695	8.4	144514.0	-7726.0	785	9.7	155522.0	-7744.0
516	8.7	114234.0	-7700.0	606	10.2	132717.0	-7717.0	696	10.0	144722.0	-7713.0	786	10.2	155533.0	-7720.0
517	9.6	114402.0	-7743.0	607	9.9	132758.0	-7707.0	697	10.0	144730.0	-7743.0	787	10.2	155751.0	-7730.0
518	9.5	114501.0	-7753.5	608	10.0	132842.0	-7744.5	698	9.9	144835.0	-7750.0	788	10.0	155812.0	-7754.0
519	9.0	114515.0	-7735.0	609	10.0	132856.0	-7705.0	699	7.5	144945.0	-7740.0	789	8.8	155841.0	-7748.0
520	9.5	114605.0	-7749.0	610	9.4	133138.0	-7714.0	700	8.2	145128.0	-7751.0	790	10.0	155917.0	-7702.5
521	10.0	115148.0	-7721.0	611	9.7	133332.0	-7710.0	701	9.8	145140.0	-7701.0	791	10.0	155932.0	-7739.5
522	6.8	115228.0	-7708.0	612	9.0	133617.0	-7718.0	702	9.8	145336.0	-7707.5	792	10.2	155943.0	-7724.5
523	9.3	115302.0	-7717.5	613	9.2	133627.0	-7701.5	703	10.0	145456.0	-7750.5	793	10.0	160102.0	-7731.0
524	10.0	115309.0	-7747.0	614	9.9	133756.0	-7715.5	704	10.0	145538.0	-7726.0	794	10.0	160213.0	-7737.0
525	9.7	115320.0	-7711.5	615	8.5	133910.0	-7714.5	705	9.8	145612.0	-7718.5	795	10.2	160216.0	-7702.0
526	5.0	115327.0	-7731.5	616	10.0	133922.0	-7743.5	706	10.0	145717.0	-7721.0	796	10.2	160226.0	-7723.0

797	10.0	160228.0	-7748.0	887	9.9	172823.0	-7701.0	977	9.3	192130.0	-7727.5
798	8.4	160346.0	-7723.0	888	10.0	172858.0	-7708.0	978	7.2	192337.0	-7751.0
799	10.2	160429.0	-7712.0	889	9.7	172905.0	-7732.0	979	10.0	192547.0	-7749.5
800	10.0	160430.0	-7723.0	890	9.3	173101.0	-7711.0	980	9.7	192649.0	-7713.5
801	9.5	160642.0	-7703.0	891	9.3	173130.0	-7732.0	981	9.4	192653.0	-7732.0
802	9.0	160645.0	-7750.5	892	10.1	173224.0	-7732.0	982	9.5	192756.0	-7717.0
803	8.8	160653.0	-7709.5	893	9.9	173328.0	-7730.0	983	10.0	192846.0	-7727.0
804	10.0	160723.0	-7742.5	894	9.6	173350.0	-7751.0	984	9.0	192900.0	-7722.5
805	9.6	160809.0	-7747.0	895	10.0	173447.0	-7738.5	985	10.0	192953.0	-7735.0
806	10.0	160918.0	-7708.0	896	9.8	173532.0	-7704.5	986	7.1	193148.0	-7712.0
807	10.0	160928.0	-7705.0	897	9.7	173604.0	-7748.5	987	9.5	193235.0	-7746.0
808	9.9	160933.0	-7705.5	898	8.9	173642.0	-7731.0	988	9.7	193555.0	-7709.0
809	10.0	160951.0	-7729.0	899	10.0	173914.0	-7751.5	989	10.0	193651.0	-7712.0
810	9.9	161031.0	-7705.0	900	10.0	174004.0	-7732.0	990	9.3	193834.0	-7713.0
811	9.6	161106.0	-7720.0	901	6.8	174005.0	-7747.5	991	9.7	193838.0	-7746.0
812	10.2	161226.0	-7746.0	902	10.0	174006.0	-7755.0	992	9.6	193855.0	-7752.5
813	10.0	161451.0	-7720.5	903	10.0	174040.0	-7745.0	993	10.0	193903.0	-7719.5
814	10.0	161536.0	-7738.5	904	10.0	174112.0	-7717.0	994	9.3	193947.0	-7713.5
815	9.9	161608.0	-7757.5	905	9.5	174123.0	-7703.5	995	9.5	194018.0	-7707.0
816	10.0	161639.0	-7716.5	906	10.0	174213.0	-7718.5	996	8.3	194040.0	-7737.0
817	10.0	161745.0	-7742.0	907	10.0	174352.0	-7704.0	997	10.0	194055.0	-7702.0
818	10.2	161817.0	-7748.0	908	8.5	174450.0	-7715.0	998	9.9	194323.0	-7751.5
819	9.2	161824.0	-7728.0	909	9.2	174836.0	-7730.0	999	8.5	194341.0	-7746.0
820	7.8	161859.0	-7704.0	910	10.0	175048.0	-7717.0	1000	10.0	194550.0	-7706.0
821	10.0	162034.0	-7742.5	911	10.0	175126.0	-7721.0	1001	9.9	194654.0	-7755.0
822	9.6	162044.0	-7732.5	912	9.5	175245.0	-7754.0	1002	9.7	194916.0	-7741.0
823	10.0	162409.0	-7733.0	913	9.0	175344.0	-7718.0	1003	10.0	194938.0	-7740.0
824	10.0	162428.0	-7721.0	914	9.3	175630.0	-7733.0	1004	7.9	195125.0	-7726.0
825	8.2	162432.0	-7717.5	915	10.0	175658.0	-7725.0	1005	9.8	195256.0	-7729.5
826	10.0	162436.0	-7710.5	916	7.7	175700.0	-7706.0	1006	9.8	195430.0	-7727.5
827	9.7	162456.0	-7712.5	917	9.8	175935.0	-7703.0	1007	8.3	195443.0	-7746.5
828	4.5	162517.0	-7715.0	918	10.0	180025.0	-7702.5	1008	9.8	195450.0	-7734.5
829	10.0	162848.0	-7711.0	919	9.2	180104.0	-7742.5	1009	8.4	195516.0	-7721.0
830	9.9	163147.0	-7739.0	920	10.0	180118.0	-7732.5	1010	9.8	195527.0	-7754.0
831	10.0	163313.0	-7741.0	921	9.7	180350.0	-7753.0	1011	10.1	195608.0	-7753.5
832	9.5	163348.0	-7723.0	922	9.3	180520.0	-7758.5	1012	8.0	195627.0	-7738.0
833	9.5	163423.0	-7743.0	923	10.1	180524.0	-7759.5	1013	9.2	195814.0	-7726.0
834	8.9	163425.0	-7732.0	924	10.1	180724.0	-7743.5	1014	9.6	200018.0	-7735.0
835	9.8	163436.0	-7712.0	925	9.3	180834.0	-7756.5	1015	10.0	200108.0	-7751.0
836	9.1	163448.0	-7748.0	926	9.6	180942.0	-7719.0	1016	10.2	200300.0	-7704.5
837	10.0	163531.0	-7750.0	927	7.2	180946.0	-7725.5	1017	10.0	200528.0	-7742.0
838	10.2	163626.0	-7725.0	928	10.0	181148.0	-7758.0	1018	9.9	200537.0	-7710.0
839	9.6	163910.0	-7723.0	929	9.9	181415.0	-7745.0	1019	9.4	200657.0	-7749.0
840	10.0	164000.0	-7733.0	930	10.1	181636.0	-7740.5	1020	10.0	200748.0	-7744.0
841	9.2	164018.0	-7715.5	931	9.5	181802.0	-7724.0	1021	9.7	200810.0	-7706.5
842	9.8	164038.0	-7711.5	932	10.1	182010.0	-7701.0	1022	9.8	200856.0	-7711.0
843	9.2	164159.0	-7716.0	933	9.9	182203.0	-7748.5	1023	9.0	200919.0	-7715.0
844	9.3	164349.0	-7719.5	934	9.8	182306.0	-7715.5	1024	10.1	200930.0	-7711.5
845	9.4	164424.0	-7725.0	935	8.8	182551.0	-7723.0	1025	9.4	200955.0	-7713.5
846	8.0	164438.0	-7753.0	936	10.0	182621.0	-7707.0	1026	9.5	201045.0	-7719.5
847	9.5	164445.0	-7726.0	937	10.0	182707.0	-7715.5	1027	10.0	201047.0	-7704.5
848	10.0	164620.0	-7722.5	938	6.4	182837.0	-7759.5	1028	9.5	201210.0	-7727.0
849	10.0	164922.0	-7739.0	939	9.5	182837.0	-7735.5	1029	10.0	201317.0	-7718.0
850	9.5	164930.0	-7725.0	940	10.1	182945.0	-7754.0	1030	8.5	201328.0	-7707.5
851	10.0	165018.0	-7728.0	941	10.0	183017.0	-7707.0	1031	10.2	201512.0	-7709.5
852	9.0	165038.0	-7721.0	942	9.7	183223.0	-7749.0	1032	8.2	201523.0	-7736.0
853	10.0	165155.0	-7721.5	943	8.3	183443.0	-7711.0	1033	7.7	201557.0	-7742.0
854	9.9	165201.0	-7748.0	944	10.0	183444.0	-7752.0	1034	10.2	201630.0	-7725.5
855	9.7	165212.0	-7705.0	945	9.3	183502.0	-7737.0	1035	10.2	201702.0	-7714.5
856	9.4	165212.0	-7742.5	946	10.0	183644.0	-7721.0	1036	8.5	201835.0	-7721.0
857	10.0	165259.0	-7746.0	947	10.0	183912.0	-7729.0	1037	10.0	202003.0	-7716.0
858	10.1	165349.0	-7715.0	948	9.2	183956.0	-7743.0	1038	10.2	202030.0	-7744.0
859	10.1	165425.0	-7736.0	949	10.0	184129.0	-7701.0	1039	7.7	202208.0	-7719.0
860	10.0	165727.0	-7748.0	950	9.9	184224.0	-7751.0	1040	10.0	202521.0	-7714.0
861	9.9	165827.0	-7721.0	951	10.1	184457.0	-7730.0	1041	9.5	202546.0	-7740.0
862	10.0	165840.0	-7738.5	952	8.6	184556.0	-7701.0	1042	9.5	202732.0	-7718.0
863	8.7	170039.0	-7755.0	953	10.1	184703.0	-7732.0	1043	9.3	203227.0	-7751.0
864	10.0	170211.0	-7704.0	954	10.0	184712.0	-7755.0	1044	10.0	203315.0	-7748.0
865	7.7	170334.0	-7703.0	955	9.5	184804.0	-7713.0	1045	9.7	203423.0	-7717.5
866	9.9	170730.0	-7742.0	956	9.5	184813.0	-7742.0	1046	10.0	203546.0	-7739.5
867	9.8	170820.0	-7710.0	957	9.8	184832.0	-7720.0	1047	10.0	203617.0	-7748.5
868	10.0	170900.0	-7739.0	958	10.0	185045.0	-7753.0	1048	10.1	203730.0	-7727.0
869	10.0	170915.0	-7705.0	959	7.4	185617.0	-7714.5	1049	9.5	203910.0	-7714.0
870	9.2	170950.0	-7724.0	960	10.0	185847.0	-7700.0	1050	10.0	204600.0	-7740.0
871	9.9	171036.0	-7716.5	961	10.0	185857.0	-7705.0	1051	9.8	204605.0	-7757.0
872	10.0	171118.0	-7739.0	962	10.1	185913.0	-7712.0	1052	10.0	204903.0	-7714.0
873	10.0	171121.0	-7712.0	963	10.0	190021.0	-7735.0	1053	5.6	204931.0	-7730.0
874	10.1	171430.0	-7721.0	964	10.0	190049.0	-7715.0	1054	9.2	205040.0	-7752.0
875	9.7	171432.0	-7722.0	965	10.0	190243.0	-7711.0	1055	10.0	205202.0	-7754.0
876	10.0	171502.0	-7749.0	966	10.0	190300.0	-7740.5	1056	10.0	205338.0	-7743.0
877	9.5	171527.0	-7744.5	967	9.9	190304.0	-7742.5	1057	10.0	205555.0	-7743.5
878	9.2	171555.0	-7743.5	968	9.7	190321.0	-7743.0	1058	9.9	205700.0	-7738.5
879	9.5	171731.0	-7730.0	969	9.5	190612.0	-7754.0	1059	9.0	205736.0	-7726.5
880	9.9	171756.0	-7755.0	970	10.0	190740.0	-7721.5	1060	9.8	205942.0	-7742.5
881	9.8	171915.0	-7752.0	971	10.0	191143.0	-7759.0	1061	9.6	205958.0	-7721.0
882	10.0	171942.0	-7752.3	972	9.5	191238.0	-7742.0	1062	9.8	210255.0	-7722.0
883	9.5	172319.0	-7731.0	973	9.5	191304.0	-7708.0	1063	10.0	210400.0	-7742.0
884	10.0	172330.0	-7723.0	974	10.0	191307.0	-7727.0	1064	9.6	210527.0	-7719.0
885	8.0	172613.0	-7717.0	975	10.0	191343.0	-7729.0	1065	8.8	210632.0	-7747.0
886	8.5	172657.0	-7733.0	976	10.0	192020.0	-7701.5	1066	10.0	210940.0	-7717.0
1067	9.7	211026.0	-7735.0								
1068	8.3	211058.0	-7703.5								
1069	10.1	211151.0	-7723.0								
1070	9.3	211242.0	-7734.0								
1071	9.9	211643.0	-7704.5								
1072	10.1	211712.0	-7705.0								
1073	10.0	211903.0	-7726.0								
1074	9.5	211932.0	-7711.0								
1075	9.3	212056.0	-7745.5								
1076	10.0	212240.0	-7732.0								
1077	8.7	212340.0	-7704.0								
1078	8.5	212705.0	-7734.5								
1079	3.8	212730.0	-7756.5								
1080	10.0	213003.0	-7702.0								
1081	9.7	213119.0	-7713.0								
1082	9.5	213146.0	-7704.0								
1083	10.0	213158.0	-7749.0								
1084	10.0	213418.0	-7720.0								
1085	9.8	213430.0	-7724.5								
1086	10.0	213456.0	-7749.0								
1087	9.0	213556.0	-7751.5								
1088	9.9	213728.0	-7756.0								
1089	9.4	213758.0	-7757.0								
1090	9.5	213959.0	-7758.5								
1091	10.0	214012.0	-7735.0								
1092	8.5	214127.0	-7755.0								
1093	8.3	214202.0	-7731.5								
1094	10.0	214340.0	-7753.5								
1095	8.8	214351.0	-7713.0								
1096	10.0	214604.0	-7729.0								
1097	8.1	214930.0	-7754.5								
1098	8.8	215625.0	-7746.0								
1099	9.8	215657.0	-7727.0								
1100	10.1	215827.0	-7727.0								
1101	10.0	215839.0	-7735.0								
1102	10.0	215840.0	-7702.0								
1103	9.8	215854.0	-7722.0								
1104	10.1	215859.0	-7723.0								
1105	9.3	215935.0	-7745.0								
1106	9.4	220042.0	-7757.5								
1107	8.9	220220.0	-7733.5								
1108	9.5	220254.0	-7733.0								
1109	10.0	220314.0	-7746.0								
1110	9.6	220320.0	-7746.5								
1111	8.5	220808.0	-7707.0								
1112	10.0	220951.0	-7746.0								
1113	10.2	220959.0	-7719.0								
1114	10.0	221050.0	-7755.0								
1115	10.2	221053.0	-7705.0								
1116	8.5	221213.0	-7729.0								
1117	9.2	221515.0	-7705.0								
1118	10.1	221606.0	-7739.0								
1119	10.1	221640.0	-7722.5								
1120	8.0	221905.0	-7719.0								
1121	10.0	221908.0	-7739.0								
1122	9.5	221950.0	-7745.0								
1123	10.0	222113.0	-7748.0								
1124	9.9	222200.0	-7744.5								
1125	10.1	222208.0	-7732.0								
1126	8.6	222224.0	-7747.0								
1127	10.0	222412.0	-7739.0								
1128	9.8	222414.0	-7732.0								
1129	9.9	222544.0	-7706.0								
1130	9.5	222600.0	-7733.5								
1131	10.0	222619.0	-7740.0								
1132	10.0	222650.0	-7716.5								
1133	10.2	223101.0	-7742.5								
1134	10.0	223103.0	-7740.5								
1135	6.7	223912.0	-7742.5								
1136	9.0	223933.0	-7700.5								
1137	10.0	224028.0	-7750.0								
1138	9.2	224046.0	-7727.0								
1139	9.8	224122.0	-7725.0								
1140	10.2	224552.0	-7725.5								
1141	9.3	224636.0	-7728.0								
1142	10.2	224726.0	-7748.0								
1143	10.0	224731.0	-7744.0								
1144	9.3	225321.0	-7729.0								
1145	9.5	225505.0	-7748.0								
1146	8.8	225519.0	-7736.0								
1147	9.9	225854.0	-7738.0								
1148	10.2	230011.0	-7747.0								
1149	9.8	230147.0	-7731.0								
1150	8.2	230137.0	-7708.5								
1151	9.1	230405.0	-7757.0								
1152	9.5	230507.0	-7736.0								
1153	9.8	230518.0	-7721.0								
1154	10.0	230745.0	-7748.0								
1155	9.4	230811.0	-7737.0								
1156	9.5	230832.0	-7758.0								

1157	10.0	230846.0	-7712.5	59	8.5	15544.0	-7811.0	149	10.2	40734.0	-7813.0	239	9.9	62315.0	-7819.0
1158	9.7	231350.0	-7759.0	60	6.3	15605.0	-7857.5	150	10.0	40817.0	-7811.0	240	10.0	62414.0	-7822.5
1159	10.0	231415.0	-7711.0	61	10.0	15617.0	-7848.0	151	6.7	40824.0	-7858.0	241	9.5	62433.0	-7842.0
1160	9.3	231835.0	-7728.5	62	10.2	15718.0	-7857.0	152	10.1	40833.0	-7832.0	242	10.0	62513.0	-7804.0
1161	10.0	231849.0	-7735.5	63	10.2	15934.0	-7854.0	153	10.0	40840.0	-7813.0	243	9.2	62532.0	-7828.0
1162	9.5	231920.0	-7753.0	64	10.0	20055.0	-7813.0	154	8.5	40853.0	-7815.0	244	9.8	62616.0	-7855.0
1163	9.2	231945.0	-7739.0	65	9.5	20402.0	-7836.5	155	10.0	41759.0	-7853.0	245	8.0	62804.0	-7820.5
1164	10.0	232131.0	-7737.0	66	9.7	20428.0	-7807.0	156	9.5	41815.0	-7805.0	246	7.7	62848.0	-7859.5
1165	8.3	232135.0	-7701.0	67	10.0	20541.0	-7842.0	157	10.0	41829.0	-7856.0	247	8.9	62925.0	-7838.5
1166	10.0	232725.0	-7757.0	68	9.2	20803.0	-7831.0	158	10.0	42054.0	-7816.0	248	10.2	63007.0	-7857.5
1167	9.9	233002.0	-7713.5	69	9.7	20940.0	-7851.5	159	9.8	42148.0	-7819.5	249	10.0	63236.0	-7829.0
1168	10.2	233013.0	-7731.0	70	10.0	20956.0	-7828.0	160	8.6	42452.0	-7820.0	250	10.0	63320.0	-7859.0
1169	6.4	233036.0	-7733.5	71	8.8	21933.0	-7840.0	161	10.0	42531.0	-7842.0	251	7.5	63614.0	-7848.5
1170	10.0	233048.0	-7759.0	72	9.0	22231.0	-7813.0	162	9.0	42922.0	-7859.5	252	9.5	63700.0	-7843.0
1171	10.2	233605.0	-7752.0	73	10.0	22238.0	-7843.0	163	10.0	43048.0	-7809.5	253	10.2	63854.0	-7844.0
1172	10.0	233700.0	-7716.0	74	10.2	22251.0	-7800.5	164	9.9	43247.0	-7803.0	254	10.0	63900.0	-7802.0
1173	9.8	233755.0	-7746.0	75	10.0	22310.0	-7800.5	165	9.7	43439.0	-7814.0	255	10.0	63915.0	-7814.0
1174	8.8	233913.0	-7757.5	76	9.0	22615.0	-7819.0	166	9.5	43458.0	-7810.0	256	10.0	64131.0	-7821.5
1175	8.2	233958.0	-7755.5	77	10.0	22920.0	-7816.0	167	9.5	43606.0	-7830.0	257	9.8	64207.0	-7843.0
1176	9.5	234120.0	-7701.5	78	10.0	22938.0	-7859.0	168	9.8	43627.0	-7801.0	258	10.1	64353.0	-7853.0
1177	10.1	234205.0	-7733.0	79	9.5	23057.0	-7824.0	169	9.9	43656.0	-7846.5	259	9.8	64552.0	-7824.0
1178	10.2	234231.0	-7732.0	80	9.6	23131.0	-7844.0	170	8.2	43749.0	-7853.0	260	8.5	64632.0	-7818.5
1179	8.5	234430.0	-7703.0	81	9.4	23148.0	-7834.5	171	9.3	43902.0	-7823.0	261	10.1	64923.0	-7851.0
1180	9.2	234454.0	-7728.0	82	9.2	23325.0	-7855.0	172	9.0	43925.0	-7837.0	262	10.1	64951.0	-7808.0
1181	10.0	234756.0	-7729.5	83	9.8	23418.0	-7834.5	173	10.0	44027.0	-7821.0	263	9.5	65453.0	-7840.5
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1183	8.5	235403.0	-7743.0	85	9.0	23439.0	-7810.5	175	10.0	44812.0	-7856.5	265	10.0	65628.0	-7848.5
1184	9.7	235436.0	-7719.0	86	9.9	24157.0	-7836.0	176	10.0	44916.0	-7824.0	266	9.7	65818.0	-7855.0
1185	5.4	235510.0	-7745.0	87	9.8	24324.0	-7827.0	177	8.9	45012.0	-7814.0	267	10.0	65908.0	-7812.0
1186	10.0	235745.0	-7710.0	88	9.1	24417.0	-7820.0	178	9.9	45037.0	-7850.0	268	8.9	70555.0	-7859.0
1187	9.3	235812.0	-7734.0	89	10.0	24428.0	-7843.0	179	9.8	45050.0	-7806.0	269	9.5	70750.0	-7838.0
1188	9.1	235815.0	-7702.5	90	9.5	24613.0	-7839.0	180	10.0	45326.0	-7846.0	270	10.1	70925.0	-7822.0
1	8.5	00116.0	-7811.5	91	9.9	24616.0	-7851.0	181	10.0	45534.0	-7819.0	271	8.4	71028.0	-7835.0
2	8.0	00154.0	-7854.5	92	9.4	24642.0	-7853.5	182	10.1	45856.0	-7855.0	272	9.0	71137.0	-7813.0
3	9.1	00405.0	-7811.0	93	9.0	24736.0	-7854.0	183	9.6	45903.0	-7828.0	273	9.8	71230.0	-7842.0
4	7.5	00409.0	-7859.0	94	8.6	24852.0	-7802.5	184	8.4	45943.0	-7820.0	274	9.5	71259.0	-7837.5
5	10.0	00425.0	-7835.5	95	9.6	24919.0	-7853.5	185	7.7	45948.0	-7835.5	275	9.4	71259.0	-7820.5
6	9.8	00650.0	-7814.0	96	9.5	24933.0	-7809.5	186	8.5	50227.0	-7849.0	276	8.5	71637.0	-7843.5
7	8.2	01337.0	-7841.0	97	9.9	25130.0	-7858.0	187	10.0	50435.0	-7854.0	277	9.2	71645.0	-7842.0
8	9.7	01358.0	-7804.5	98	10.2	25356.0	-7853.5	188	8.5	50505.0	-7822.0	278	9.5	71822.0	-7846.0
9	10.0	01358.0	-7826.0	99	10.2	25423.0	-7843.0	189	10.0	50613.0	-7831.0	279	9.7	71843.0	-7829.0
10	9.9	01500.0	-7832.0	100	7.6	25548.0	-7822.0	190	6.7	50658.0	-7828.0	280	9.8	72017.0	-7805.5
11	6.4	01607.0	-7807.0	101	9.9	25651.0	-7832.0	191	8.2	50817.0	-7821.0	281	10.0	72031.0	-7822.5
12	9.5	01843.0	-7820.0	102	9.5	25657.0	-7842.0	192	10.0	51118.0	-7828.0	282	9.3	72152.0	-7812.0
13	9.1	01921.0	-7856.5	103	8.5	25742.0	-7835.0	193	10.2	51141.0	-7824.0	283	8.2	72216.0	-7805.0
14	10.0	02510.0	-7832.0	104	10.0	25744.0	-7820.0	194	9.7	51320.0	-7834.0	284	10.2	72300.0	-7804.0
15	9.5	02645.0	-7834.0	105	8.5	25807.0	-7809.5	195	8.6	51534.0	-7855.0	285	8.0	72838.0	-7855.0
16	9.7	02934.0	-7819.0	106	9.2	30055.0	-7809.0	196	10.0	51804.0	-7828.0	286	10.0	73009.0	-7814.5
17	10.0	03237.0	-7841.0	107	8.5	30201.0	-7820.0	197	10.0	52000.0	-7821.0	287	6.0	73228.0	-7850.0
18	9.2	03254.0	-7810.5	108	10.0	30228.0	-7821.0	198	10.2	52032.0	-7826.0	288	9.5	73400.0	-7825.0
19	10.0	03423.0	-7831.0	109	9.8	30340.0	-7810.5	199	10.2	52245.0	-7855.0	289	9.2	73736.0	-7855.5
20	9.2	03430.0	-7825.0	110	8.9	30929.0	-7805.0	200	9.3	52424.0	-7834.0	290	9.0	73843.0	-7849.0
21	9.5	03505.0	-7803.5	111	9.9	30938.0	-7809.0	201	9.3	52438.0	-7855.0	291	9.2	74126.0	-7843.5
22	10.0	03549.0	-7832.0	112	10.0	31217.0	-7850.5	202	9.8	52522.0	-7820.0	292	10.2	74140.0	-7823.0
23	10.0	03636.0	-7809.5	113	9.9	31432.0	-7819.0	203	10.2	52642.0	-7815.0	293	10.2	74159.0	-7823.5
24	9.9	03816.0	-7829.0	114	9.8	31437.0	-7816.0	204	10.2	52701.0	-7803.0	294	9.0	74314.0	-7804.0
25	6.7	04041.0	-7846.0	115	9.9	31550.0	-7847.0	205	9.7	52727.0	-7802.5	295	9.7	74424.0	-7812.0
26	10.2	04144.0	-7852.0	116	8.4	31602.0	-7822.5	206	10.2	52746.0	-7819.5	296	9.6	74505.0	-7855.5
27	10.1	04150.0	-7856.0	117	9.8	31712.0	-7802.0	207	10.1	52842.0	-7816.0	297	9.5	74511.0	-7835.5
28	9.2	04412.0	-7856.5	118	9.9	31912.0	-7834.5	208	8.8	53137.0	-7826.5	298	6.9	74600.0	-7805.0
29	9.7	04515.0	-7806.5	119	10.0	31929.0	-7823.0	209	9.7	53208.0	-7846.5	299	10.0	74741.0	-7818.5
30	9.4	05045.0	-7832.0	120	8.5	32150.0	-7857.0	210	9.8	53650.0	-7830.5	300	10.0	75515.0	-7848.0
31	10.1	05204.0	-7830.0	121	9.5	32235.0	-7849.5	211	10.0	53821.0	-7851.5	301	9.8	75829.0	-7858.0
32	9.7	05428.0	-7809.0	122	10.0	32524.0	-7855.5	212	10.0	53857.0	-7822.0	302	10.0	75846.0	-7805.0
33	10.2	05458.0	-7801.0	123	9.6	32529.0	-7830.5	213	10.1	53922.0	-7842.0	303	10.1	80117.0	-7835.0
34	9.4	05554.0	-7808.5	124	10.2	32707.0	-7858.5	214	9.9	53958.0	-7821.0	304	9.5	80128.0	-7832.0
35	10.0	05644.0	-7812.0	125	7.5	33147.0	-7802.0	215	9.3	54225.0	-7852.0	305	9.3	80424.0	-7828.0
36	7.5	05936.0	-7813.0	126	9.7	33203.0	-7816.5	216	5.9	54316.0	-7853.0	306	10.0	80514.0	-7812.5
37	8.3	10211.0	-7858.0	127	10.0	33405.0	-7839.0	217	10.1	54450.0	-7836.0	307	7.8	80636.0	-7848.0
38	7.8	10242.0	-7815.0	128	6.1	33438.0	-7846.0	218	9.5	54612.0	-7842.0	308	9.9	80819.0	-7844.5
39	10.0	10434.0	-7838.0	129	9.5	33726.0	-7857.5	219	9.2	54841.0	-7840.5	309	9.5	80924.0	-7808.0
40	9.5	10503.0	-7845.5	130	6.6	34118.0	-7843.5	220	10.2	54925.0	-7829.0	310	10.0	81207.0	-7853.5
41	9.8	10730.0	-7857.0	131	9.7	34125.0	-7854.0	221	10.0	55038.0	-7805.5	311	9.9	81223.0	-7832.5
42	10.2	10809.0	-7834.0	132	9.5	34255.0	-7815.5	222	10.1	55248.0	-7825.0	312	7.5	81316.0	-7819.0
43	9.9	10823.0	-7826.0	133	10.0	34311.0	-7810.5	223	10.1	55325.0	-7850.0	313	10.0	81619.0	-7816.0
44	10.2	10951.0	-7848.0	134	10.0	34620.0	-7845.0	224	7.5	55932.0	-7836.0	314	7.2	82035.0	-7855.5
45	10.0	11012.0	-7853.0	135	9.1	34630.0	-7841.0	225	10.2	60200.0	-7838.0	315	10.0	82103.0	-7803.0
46	10.2	11247.0	-7846.0	136	10.0	34632.0	-7842.5	226	10.0	60205.0	-7821.0	316	10.1	82224.0	-7810.0
47	9.5	12220.0	-7843.0	137	10.0	34721.0	-7805.5	227	9.9	60214.0	-7805.0	317	10.0	82258.0	-7831.0
48	10.0	12455.0	-7802.0	138	10.0	35212.0	-7819.5	228	10.1	60224.0	-7845.0	318	9.5	82442.0	-7857.5
49	7.8	13043.0	-7842.5	139	9.7	35301.0	-7827.0	229	9.9	60404.0	-7847.0	319	9.9	82537.0	-7812.0
50	10.0	13319.0	-7834.0	140	9.9	35303.0	-7807.0	230	10.0	60605.0	-7816.5	320	10.0	82607.0	-7842.0
51	9.9	13325.0	-7802.5	141	10.1	35727.0	-7819.5	231	9.5	60759.0	-7813.5	321	9.5	82715.0	-7816.0
52	10.0	13651.0	-7829.0	142	8.7	35734.0	-7813.5	232	10.0	60819.0	-7823.0	322	9.5	82830.0	-7818.5
53	9.0	14200.0	-7852.0	143	9.4	40019.0	-7823.5	233	10.0	60922.0	-7817.5	323	9.9	82847.0	-7853.5
54	10.2	14602.0	-7844.0	144	10.0	40034.0	-7826.5	234	9.9	61011.0	-7830.0	324	9.5	82949.0	-7824.0
55	10.2	15025.0	-7856.5	145	8.6	40110.0	-7853.0	235	8.6	61157.0	-7832.0	325	9.5	83037.0	-7843.0
56	10.2	15035.0	-7854.0	146	10.2	40552.0	-7834.0	236	9.8	61342.0	-7856.0	326	10.1	83238.0	-7802.5
57	10.0	15156.0	-7825.0	147	10.2	40635.0	-7809.0	237	9.6	62009.0	-7811.0	327	10.0	83303.0	-7811.5
58	7.2	15350.0	-7806.0	148	8.5	40716.0	-7853.0	238	10.2	62037.0	-7807.0	328	8.2	83327.0	-7830.0

-78 329 8h34m

-78 688 15h43m

329	9.5	83446.0	-7814.0	419	10.0	102214.0	-7843.0	509	10.0	122752.0	-7850.0	599	9.9	143042.0	-7823.0
330	9.1	83514.0	-7816.5	420	9.5	102415.0	-7829.5	510	9.5	122758.0	-7818.0	600	8.5	143055.0	-7835.0
331	9.9	83525.0	-7811.5	421	10.0	102453.0	-7854.0	511	9.8	122801.0	-7811.5	601	10.0	143105.0	-7825.0
332	10.0	83636.0	-7807.0	422	9.2	102527.0	-7817.5	512	9.7	122934.0	-7848.0	602	9.9	143122.0	-7815.0
333	10.2	83640.0	-7812.5	423	8.8	102537.0	-7806.0	513	10.0	123037.0	-7814.5	603	9.5	143124.0	-7824.5
334	10.1	83738.0	-7818.0	424	9.7	102603.0	-7835.0	514	9.8	123221.0	-7826.0	604	4.0	143226.0	-7851.0
335	8.6	83901.0	-7846.5	425	10.2	102721.0	-7840.0	515	8.8	123656.0	-7846.5	605	10.0	143239.0	-7805.0
336	9.9	83911.0	-7842.0	426	9.5	102723.0	-7810.5	516	9.7	124220.0	-7821.0	606	10.0	143340.0	-7841.0
337	8.5	84021.0	-7803.5	427	9.5	102739.0	-7841.0	517	10.0	124423.0	-7802.0	607	10.0	143347.0	-7837.5
338	9.9	84302.0	-7811.5	428	10.0	102941.0	-7819.5	518	10.1	124635.0	-7845.0	608	9.3	143422.0	-7844.0
339	5.6	84531.0	-7830.5	429	9.8	103011.0	-7833.5	519	9.9	124740.0	-7829.5	609	9.2	143521.0	-7837.0
340	8.0	84600.0	-7835.5	430	9.7	103126.0	-7821.5	520	10.1	124812.0	-7848.0	610	9.2	143552.0	-7828.5
341	9.7	84636.0	-7841.5	431	9.8	103140.0	-7823.5	521	10.2	125058.0	-7830.0	611	10.2	143610.0	-7802.5
342	6.7	84726.0	-7836.5	432	9.2	103448.0	-7808.0	522	9.5	125135.0	-7820.0	612	10.0	143713.0	-7858.0
343	10.0	84808.0	-7828.0	433	9.5	103536.0	-7820.5	523	9.2	125278.0	-7841.5	613	8.5	143719.0	-7819.5
344	9.5	84812.0	-7824.0	434	8.4	103711.0	-7851.5	524	9.8	125507.0	-7850.5	614	10.0	143747.0	-7859.5
345	10.2	84858.0	-7857.0	435	10.0	104055.0	-7810.0	525	9.5	125701.0	-7850.5	615	10.0	143752.0	-7854.0
346	9.5	84958.0	-7824.0	436	10.0	104235.0	-7843.0	526	10.2	125720.0	-7820.0	616	10.0	143847.0	-7814.0
347	10.2	85254.0	-7838.5	437	9.9	105004.0	-7805.0	527	10.2	125734.0	-7821.0	617	10.2	143954.0	-7833.0
348	9.8	85340.0	-7800.5	438	6.9	105024.0	-7854.0	528	10.0	130237.0	-7844.0	618	7.5	144000.0	-7822.0
349	10.2	85343.0	-7830.0	439	9.2	105058.0	-7854.0	529	8.7	130400.0	-7832.0	619	10.2	144005.0	-7853.0
350	10.2	85520.0	-7831.5	440	9.7	105120.0	-7823.0	530	9.0	130406.0	-7837.5	620	10.0	144243.0	-7841.0
351	9.4	85906.0	-7815.0	441	9.0	105140.0	-7857.5	531	9.6	130414.0	-7827.5	621	8.9	144309.0	-7833.0
352	10.0	85908.0	-7850.5	442	10.2	105314.0	-7812.0	532	10.0	130554.0	-7834.0	622	10.0	144328.0	-7824.5
353	9.2	90009.0	-7818.5	443	10.1	105755.0	-7855.0	533	8.8	130635.0	-7859.5	623	10.2	144350.0	-7825.0
354	10.2	90207.0	-7849.0	444	9.9	105919.0	-7827.0	534	7.2	130746.0	-7810.0	624	9.0	144408.0	-7800.0
355	9.5	90209.0	-7802.5	445	10.2	105950.0	-7852.5	535	9.8	130839.0	-7837.0	625	10.0	144424.0	-7820.0
356	9.7	90407.0	-7824.5	446	10.0	110124.0	-7802.0	536	10.0	130840.0	-7806.5	626	10.1	144540.0	-7838.0
357	9.2	90505.0	-7857.5	447	8.9	110129.0	-7812.0	537	9.3	130909.0	-7824.0	627	10.0	144646.0	-7853.0
358	10.0	91140.0	-7819.0	448	8.9	110131.0	-7829.0	538	10.0	131123.0	-7834.5	628	9.7	144805.0	-7831.0
359	10.1	91337.0	-7818.0	449	9.1	110949.0	-7842.0	539	9.5	131202.0	-7813.5	629	9.6	145058.0	-7833.0
360	8.0	91404.0	-7850.5	450	9.8	111009.0	-7845.5	540	8.5	131409.0	-7817.5	630	9.5	145239.0	-7801.5
361	10.0	91446.0	-7836.0	451	10.0	111040.0	-7844.5	541	10.0	131425.0	-7855.0	631	9.9	145255.0	-7802.5
362	9.8	91725.0	-7817.0	452	9.6	111244.0	-7824.0	542	9.9	131535.0	-7842.0	632	10.1	145310.0	-7809.0
363	10.0	91745.0	-7829.0	453	10.0	111254.0	-7802.0	543	10.2	131800.0	-7852.0	633	10.0	145549.0	-7809.0
364	9.3	91818.0	-7848.0	454	9.2	111305.0	-7835.0	544	10.1	131803.0	-7828.0	634	9.0	145603.0	-7831.5
365	9.8	91904.0	-7846.0	455	9.2	111359.0	-7841.0	545	8.9	131902.0	-7812.5	635	10.2	145642.0	-7804.5
366	10.2	92012.0	-7838.0	456	10.0	111435.0	-7808.0	546	10.0	131906.0	-7818.0	636	10.2	145656.0	-7830.0
367	9.0	92100.0	-7836.0	457	6.6	111455.0	-7859.0	547	9.5	132018.0	-7818.0	637	10.0	145710.0	-7832.0
368	10.0	92346.0	-7833.0	458	10.0	111510.0	-7849.0	548	8.2	132109.0	-7825.5	638	10.0	145729.0	-7828.5
369	10.2	92346.0	-7802.0	459	8.3	111745.0	-7859.0	549	9.8	132125.0	-7817.5	639	8.9	145747.0	-7858.5
370	10.2	92616.0	-7812.0	460	10.0	111825.0	-7824.0	550	9.2	132149.0	-7838.5	640	6.8	145844.0	-7839.5
371	7.8	92705.0	-7832.0	461	10.0	111856.0	-7838.5	551	10.0	132335.0	-7840.0	641	7.2	150217.0	-7800.0
372	10.0	92807.0	-7828.0	462	10.2	112048.0	-7821.5	552	9.3	132350.0	-7810.0	642	8.8	150227.0	-7832.5
373	10.0	93105.0	-7849.0	463	9.5	112411.0	-7849.0	553	9.8	132819.0	-7814.5	643	10.0	150230.0	-7809.0
374	10.2	93116.0	-7842.0	464	10.2	112417.0	-7807.0	554	10.0	132902.0	-7848.0	644	10.0	150308.0	-7847.5
375	10.2	93135.0	-7823.5	465	9.5	112543.0	-7815.0	555	10.1	133051.0	-7856.0	645	9.5	150322.0	-7801.5
376	10.2	93220.0	-7834.5	466	10.2	112600.0	-7832.5	556	10.0	133257.0	-7817.5	646	9.7	150334.0	-7849.5
377	9.5	93435.0	-7819.0	467	9.9	112628.0	-7817.0	557	9.3	133310.0	-7846.0	647	10.1	150426.0	-7826.0
378	10.0	93453.0	-7851.0	468	10.2	112643.0	-7855.0	558	10.0	133342.0	-7802.5	648	10.0	150430.0	-7315.5
379	9.8	93823.0	-7812.5	469	9.2	112737.0	-7852.0	559	10.0	133615.0	-7824.0	649	10.2	150702.0	-7809.0
380	10.2	94254.0	-7846.5	470	9.5	112831.0	-7847.0	560	9.7	133623.0	-7826.0	650	10.0	151002.0	-7808.5
381	9.6	94318.0	-7825.5	471	10.2	112859.0	-7810.0	561	9.9	133740.0	-7857.0	651	8.0	151022.0	-7851.5
382	10.0	94516.0	-7811.0	472	10.2	113030.0	-7858.0	562	9.8	133903.0	-7800.0	652	9.9	151042.0	-7825.0
383	10.0	94642.0	-7801.5	473	10.1	113042.0	-7821.5	563	8.2	134058.0	-7800.0	653	10.0	151257.0	-7824.0
384	10.0	94800.0	-7844.0	474	9.0	113258.0	-7833.0	564	10.0	134319.0	-7830.0	654	10.1	151259.0	-7831.0
385	8.5	94917.0	-7812.0	475	9.6	113345.0	-7844.0	565	9.8	134600.0	-7848.0	655	9.9	151351.0	-7808.0
386	9.9	95046.0	-7802.5	476	6.8	113739.0	-7836.5	566	9.8	134759.0	-7859.0	656	10.0	151402.0	-7832.0
387	10.2	95047.0	-7842.0	477	10.0	113954.0	-7807.5	567	10.0	134942.0	-7824.0	657	8.3	151410.0	-7818.5
388	10.2	95152.0	-7831.0	478	10.1	114217.0	-7825.0	568	9.7	135035.0	-7845.0	658	9.9	151531.0	-7855.5
389	9.8	95249.0	-7826.0	479	10.1	114346.0	-7812.0	569	9.8	135057.0	-7803.5	659	10.2	151703.0	-7845.0
390	10.0	95312.0	-7844.0	480	9.7	114443.0	-7859.5	570	10.0	135310.0	-7815.0	660	10.0	151715.0	-7832.5
391	10.0	95320.0	-7846.0	481	10.2	114449.0	-7854.0	571	9.9	135326.0	-7853.0	661	10.0	151738.0	-7800.5
392	9.2	95420.0	-7805.5	482	10.2	114500.0	-7800.5	572	8.5	135415.0	-7839.0	662	7.8	151826.0	-7839.0
393	10.2	95423.0	-7850.0	483	9.2	115020.0	-7814.5	573	10.0	135630.0	-7818.0	663	9.9	151838.0	-7807.0
394	9.5	95435.0	-7858.0	484	9.3	115240.0	-7805.5	574	10.1	135713.0	-7825.0	664	7.7	151951.0	-7827.0
395	10.1	95506.0	-7824.0	485	9.6	115454.0	-7811.0	575	9.3	135810.0	-7831.5	665	10.2	152145.0	-7828.0
396	10.0	95740.0	-7853.5	486	8.8	115523.0	-7817.5	576	10.0	135917.0	-7842.0	666	9.4	152605.0	-7818.0
397	10.1	95916.0	-7825.5	487	10.1	115834.0	-7850.5	577	10.0	135920.0	-7847.5	667	9.9	152615.0	-7806.5
398	9.5	100050.0	-7835.0	488	9.5	115907.0	-7820.5	578	9.8	140020.0	-7818.0	668	9.9	152622.0	-7804.5
399	9.9	100057.0	-7834.5	489	9.8	115925.0	-7810.0	579	9.9	140156.0	-7852.0	669	10.0	152701.0	-7819.0
400	10.0	100339.0	-7817.0	490	9.0	120023.0	-7826.5	580	9.6	140455.0	-7853.5	670	10.2	152809.0	-7839.5
401	9.4	100408.0	-7833.0	491	7.5	120029.0	-7803.0	581	9.8	140621.0	-7836.5	671	10.0	153021.0	-7838.0
402	9.3	100415.0	-7859.5	492	9.5	120032.0	-7805.0	582	9.8	140920.0	-7800.0	672	10.2	153102.0	-7802.0
403	9.4	100418.0	-7835.0	493	7.0	120225.0	-7805.5	583	7.9	141312.0	-7803.0	673	9.5	153228.0	-7818.0
404	10.0	100506.0	-7848.5	494	10.2	120323.0	-7823.0	584	10.0	141331.0	-7815.5	674	10.0	153303.0	-7851.0
405	7.6	100536.0	-7827.0	495	4.6	121103.0	-7837.0	585	10.0	141350.0	-7846.0	675	9.8	153310.0	-7813.0
406	10.0	100600.0	-7857.0	496	9.7	121136.0	-7810.5	586	10.0	141535.0	-7808.0	676	8.6	153415.0	-7819.5
407	10.0	100614.0	-7840.0	497	10.2	121301.0	-7836.0	587	9.8	141543.0	-7836.0	677	10.0	153504.0	-7831.0
408	10.0	100839.0	-7854.0	498	8.2	121413.0	-7846.0	588	9.2	141646.0	-7814.0	678	10.2	153523.0	-7819.0
409	9.3	100926.0	-7809.5	499	9.5	121421.0	-7850.0	589	10.0	141653.0	-7855.0	679	10.0	153634.0	-7836.0
410	9.4	101120.0	-7858.5	500	10.2	121507.0	-7831.5	590	9.5	141754.0	-7854.5	680	10.0	153657.0	-7827.0
411	8.9	101319.0	-7844.0	501	10.2	121656.0	-7836.0	591	10.0	142303.0	-7824.5	681	10.0	153900.0	-7820.0
412	8.2	101347.0	-7823.0	502	10.1	121733.0	-7816.0	592	9.5	142308.0	-7800.5	682	10.2	154005.0	-7832.0
413	10.2	101632.0	-7827.0	503	10.0	121848.0	-7801.0	593	9.8	142320.0	-7834.0	683	10.2	154043.0	-7811.0
414	9.9	101701.0	-7837.0	504	10.1	122107.0	-7851.0	594	10.1	142442.0	-7815.5	684	9.3	154116.0	-7846.0
415	10.1	101740.0	-7822.5	505	9.9	122118.0	-7839.0	595	10.2	142453.0	-7826.0	685	10.2	154220.0	-7834.5
416	10.1	101804.0	-7824.0	506	10.2	122413.0	-7847.0	596	10.2	142654.0	-7851.0	686	10.0	154225.0	-7856.5
417	9.9	102040.0	-7837.5	507	10.0	122601.0	-7859.0	597	10.2	142940.0	-7808.0	687	9.8	154305.0	-7800.0
418	10.2	102147.0	-7843.5	508	9.9	122712.0	-7804.0	598	9.3	143042.0	-7852.0	688	10.0	154330.0	-7818.5

689	8.5	154336.0	-7820.5	779	9.8	170745.0	-7855.5	869	9.3	185439.0	-7811.5
690	9.5	154421.0	-7800.5	780	10.0	171400.0	-7806.0	870	10.0	185510.0	-7827.5
691	10.0	154444.0	-7849.0	781	9.2	171435.0	-7801.5	871	9.4	185725.0	-7811.0
692	10.2	154455.0	-7813.0	782	10.0	171606.0	-7817.0	872	10.0	190115.0	-7845.0
693	10.2	154516.0	-7840.0	783	9.5	171801.0	-7841.0	873	8.2	190828.0	-7827.0
694	10.2	154520.0	-7851.0	784	9.6	171858.0	-7806.5	874	10.0	190910.0	-7858.5
695	9.4	154733.0	-7854.0	785	9.8	172016.0	-7834.5	875	10.0	191112.0	-7824.5
696	10.0	154737.0	-7824.0	786	10.0	172120.0	-7848.5	876	9.7	191308.0	-7856.0
697	9.5	154746.0	-7821.5	787	9.8	172253.0	-7854.0	877	10.2	191359.0	-7823.0
698	9.5	154851.0	-7822.0	788	7.5	172316.0	-7837.0	878	10.0	191409.0	-7848.0
699	10.0	155006.0	-7846.0	789	10.1	172522.0	-7803.0	879	10.1	191427.0	-7809.5
700	9.7	155025.0	-7859.0	790	8.9	172646.0	-7812.5	880	9.5	191718.0	-7805.0
701	10.0	155035.0	-7828.0	791	10.0	172735.0	-7848.5	881	10.0	191758.0	-7830.0
702	10.0	155040.0	-7851.0	792	10.0	172924.0	-7825.0	882	9.8	191936.0	-7817.0
703	8.5	155119.0	-7841.0	793	9.5	173057.0	-7831.0	883	10.0	192214.0	-7817.5
704	9.2	155127.0	-7814.5	794	10.1	173140.0	-7855.0	884	9.5	192310.0	-7848.0
705	10.2	155128.0	-7836.0	795	10.1	173144.0	-7852.5	885	9.7	192521.0	-7819.0
706	9.5	155139.0	-7811.5	796	9.8	173205.0	-7843.5	886	9.0	192612.0	-7836.0
707	9.7	155320.0	-7816.0	797	9.0	173228.0	-7859.0	887	10.0	192613.0	-7843.5
708	9.9	155541.0	-7814.0	798	10.0	173246.0	-7838.0	888	10.2	192700.0	-7820.0
709	10.2	155600.0	-7807.0	799	7.6	174110.0	-7821.0	889	10.0	192726.0	-7827.0
710	8.6	155715.0	-7838.0	800	9.7	174251.0	-7820.0	890	9.0	192859.0	-7826.0
711	9.9	160058.0	-7824.0	801	10.0	174300.0	-7857.0	891	9.8	192901.0	-7810.0
712	5.2	160144.0	-7822.5	802	8.7	174314.0	-7841.0	892	10.2	193054.0	-7851.5
713	5.5	160152.0	-7821.0	803	10.0	174527.0	-7823.0	893	9.9	193156.0	-7816.0
714	10.0	160301.0	-7816.5	804	10.2	174548.0	-7842.0	894	10.0	193451.0	-7838.0
715	9.3	160314.0	-7850.0	805	10.2	174555.0	-7842.5	895	9.5	193530.0	-7844.0
716	10.0	160336.0	-7815.0	806	10.0	174558.0	-7817.0	896	9.7	193720.0	-7822.0
717	9.9	160355.0	-7839.0	807	9.8	174656.0	-7830.0	897	10.0	193839.0	-7859.0
718	10.0	160456.0	-7803.0	808	8.8	174932.0	-7859.0	898	9.8	193840.0	-7850.0
719	10.2	160507.0	-7832.0	809	9.9	175024.0	-7849.5	899	10.0	194238.0	-7820.0
720	10.2	160643.0	-7853.0	810	10.0	175048.0	-7819.0	900	10.1	194244.0	-7844.5
721	9.1	160740.0	-7816.0	811	9.2	175202.0	-7859.5	901	9.1	194327.0	-7821.5
722	10.0	160803.0	-7853.0	812	10.0	175255.0	-7844.5	902	10.1	194353.0	-7845.5
723	9.6	161004.0	-7845.0	813	10.0	175315.0	-7855.0	903	9.3	194445.0	-7840.5
724	9.8	161005.0	-7812.0	814	10.0	175321.0	-7809.5	904	8.2	194529.0	-7836.0
725	10.0	161009.0	-7819.5	815	9.3	175323.0	-7832.0	905	10.0	194643.0	-7806.0
726	10.0	161308.0	-7821.0	816	10.0	175433.0	-7848.0	906	10.0	194714.0	-7807.0
727	9.6	161350.0	-7820.0	817	9.5	175508.0	-7815.0	907	10.0	194738.0	-7855.0
728	10.0	161412.0	-7848.0	818	9.9	175545.0	-7806.0	908	9.5	194746.0	-7808.5
729	3.9	161421.0	-7837.0	819	9.8	175700.0	-7830.5	909	9.0	194755.0	-7822.0
730	10.0	161443.0	-7806.0	820	10.1	180011.0	-7858.0	910	9.9	194809.0	-7809.0
731	9.4	161503.0	-7831.0	821	9.5	180547.0	-7825.0	911	10.1	194855.0	-7854.0
732	10.0	161557.0	-7854.0	822	10.0	180739.0	-7831.0	912	9.2	194910.0	-7831.0
733	10.0	161844.0	-7806.0	823	8.6	180848.0	-7840.0	913	9.9	195318.0	-7818.0
734	9.2	161922.0	-7830.0	824	9.4	180918.0	-7824.0	914	9.3	195546.0	-7813.0
735	9.5	162011.0	-7818.0	825	9.8	180940.0	-7844.0	915	10.1	195700.0	-7820.0
736	9.2	162032.0	-7818.5	826	9.9	180951.0	-7815.0	916	8.5	195707.0	-7843.0
737	9.6	162123.0	-7813.0	827	10.0	181001.0	-7840.0	917	9.9	195950.0	-7810.0
738	9.6	162125.0	-7803.0	828	10.1	181114.0	-7850.0	918	10.0	200730.0	-7834.0
739	10.0	162137.0	-7843.5	829	9.9	181126.0	-7807.0	919	8.4	200912.0	-7835.0
740	7.9	162317.0	-7846.0	830	9.3	181250.0	-7817.0	920	9.8	201030.0	-7819.0
741	9.8	162349.0	-7838.5	831	10.0	181431.0	-7810.0	921	10.0	201120.0	-7806.0
742	9.7	162453.0	-7855.0	832	10.0	181516.0	-7819.0	922	8.5	201302.0	-7804.0
743	10.2	162546.0	-7852.0	833	9.6	181523.0	-7847.5	923	8.0	201312.0	-7801.0
744	10.2	162554.0	-7856.0	834	10.0	181620.0	-7809.5	924	10.0	201316.0	-7833.5
745	9.7	162718.0	-7836.0	835	9.2	182022.0	-7815.5	925	9.5	201406.0	-7848.0
746	9.4	162805.0	-7819.0	836	10.0	182156.0	-7854.5	926	10.0	201525.0	-7817.0
747	9.8	162815.0	-7815.5	837	9.3	182315.0	-7819.0	927	8.8	201822.0	-7853.5
748	9.8	163212.0	-7832.5	838	9.1	182318.0	-7801.0	928	9.5	201923.0	-7836.5
749	10.0	163215.0	-7854.0	839	6.8	182332.0	-7810.0	929	9.8	202007.0	-7824.0
750	10.0	163216.0	-7810.0	840	10.0	182352.0	-7831.0	930	9.8	202027.0	-7825.0
751	9.6	163223.0	-7815.0	841	9.9	182430.0	-7818.5	931	10.0	202046.0	-7823.5
752	9.8	163355.0	-7810.5	842	9.8	182435.0	-7851.0	932	9.0	202608.0	-7816.5
753	10.1	163439.0	-7829.5	843	10.1	182442.0	-7816.5	933	9.7	202610.0	-7846.0
754	9.9	163450.0	-7852.0	844	9.5	182840.0	-7834.0	934	9.4	202729.0	-7825.5
755	9.7	163627.0	-7833.5	845	10.0	182914.0	-7807.0	935	10.1	202807.0	-7813.5
756	10.0	163940.0	-7832.0	846	9.5	182925.0	-7848.0	936	10.1	203203.0	-7807.0
757	10.1	164111.0	-7840.0	847	10.0	183017.0	-7806.5	937	10.1	203247.0	-7815.0
758	10.0	164221.0	-7856.0	848	9.7	183125.0	-7819.5	938	10.0	203254.0	-7811.5
759	10.1	164255.0	-7829.0	849	9.8	183236.0	-7815.0	939	9.1	203310.0	-7803.0
760	9.0	164428.0	-7823.0	850	10.0	183551.0	-7803.5	940	10.0	203325.0	-7823.0
761	8.8	164504.0	-7816.5	851	9.9	183848.0	-7802.0	941	9.8	203412.0	-7841.0
762	9.9	164727.0	-7823.5	852	9.7	183901.0	-7843.0	942	10.0	203426.0	-7854.5
763	9.4	164738.0	-7821.5	853	9.8	183930.0	-7815.0	943	8.0	203432.0	-7835.0
764	10.0	164814.0	-7830.5	854	10.1	184010.0	-7836.0	944	9.5	203616.0	-7852.0
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766	9.9	165138.0	-7825.5	856	9.2	184140.0	-7857.0	946	10.0	203748.0	-7828.0
767	9.9	165140.0	-7828.5	857	8.9	184212.0	-7832.0	947	10.0	204111.0	-7853.0
768	10.2	165230.0	-7830.5	858	10.0	184421.0	-7837.0	948	10.2	204158.0	-7830.5
769	8.6	165252.0	-7818.0	859	9.3	184620.0	-7840.0	949	9.5	204233.0	-7842.0
770	10.0	165308.0	-7828.0	860	8.7	184642.0	-7801.5	950	9.0	204254.0	-7839.0
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773	9.3	165652.0	-7846.0	863	10.2	185020.0	-7819.0	953	9.4	204452.0	-7850.0
774	9.0	165940.0	-7843.5	864	8.6	185116.0	-7814.5	954	9.5	204504.0	-7821.5
775	8.2	170110.0	-7855.0	865	10.0	185232.0	-7821.5	955	10.1	204508.0	-7829.0
776	9.0	170315.0	-7835.0	866	10.0	185317.0	-7847.0	956	10.0	204615.0	-7807.0
777	10.0	170500.0	-7857.5	867	9.3	185320.0	-7847.5	957	8.2	204846.0	-7801.5
778	10.0	170720.0	-7857.5	868	6.9	185415.0	-7803.5	958	10.0	204859.0	-7830.0

959	9.8	205306.0	-7833.0	1019	10.2	222459.0	-7849.5				
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961	9.8	205915.0	-7820.0	1021	9.9	223026.0	-7836.0				
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972	9.8	211206.0	-7822.0	1032	10.1	224438.0	-7849.0				
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976	9.8	211851.0	-7835.0	1036	10.2	225012.0	-7805.0				
977	10.0	212350.0	-7819.5	1037	10.0	225130.0	-7842.0				
978	10.2	212356.0	-7825.5	1038	10.2	225321.0	-7807.5				
979	10.0	212455.0	-7840.0	1039	10.0	225607.0	-7858.0				
980	9.7	212525.0	-7858.0	1040	10.0	225720.0	-7838.5				
981	9.8	212758.0	-7856.0	1041	10.2	225735.0	-7822.5				
982	10.2	212847.0	-7805.0	1042	9.3	225738.0	-7859.0				
983	10.2	213150.0	-7858.0	1043	10.0	225847.0	-7820.0				
984	10.0	213233.0	-7859.0	1044	9.7	230038.0	-7815.0				
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986	10.1	213705.0	-7828.0	1046	9.8	230235.0	-7828.0				
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991	10.0	214117.0	-7842.0								
992	9.7	214618.0	-7857.5								
993	10.0	214756.0	-7852.0								
994	6.6	214843.0	-7815.5								
995	10.1	214910.0	-7827.0								
996	9.8	214918.0	-7818.0								
997	10.2	214940.0	-7807.0								
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999	10.2	215136.0	-7848.0								
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1001	9.8	215830.0	-7837.0								
1002	8.4	220106.0	-7856.5								
1003	9.3	220224.0	-7807.0								
1004	10.0	220326.0	-7853.5								
1005	10.0	220408.0	-7854.0								
1006	10.0	220450.0	-7832.0								
1007	5.9	220536.0	-7808.0								
1008	9.7	220610.0	-7812.0								
1009	9.0	220835.0	-7803.0								
1010	10.0	221231.0	-7812.0								
1011	7.8	221536.0	-7821.0								
1012	9.5	221733.0	-7825.0								
1013	7.4	221752.0	-7851.0								
1014	9.1	221821.0	-7839.0								
1015	10.0	221956.0	-7804.5								
1016	10.2	222002.0	-7804.0								
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1049	9.5	231025.0	-7817.0	69	10.0	14843.0	-7909.0	159	9.8	40118.0	-7925.0
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1060	9.1	233430.0	-7821.0	80	8.2	20441.0	-7918.0	170	8.5	41630.0	-7920.0
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1062	9.5	233609.0	-7815.0	82	9.3	20903.0	-7934.5	172	10.0	41905.0	-7946.5
1063	8.5	233624.0	-7849.0	83	9.7	21045.0	-7959.0	173	9.8	42004.0	-7901.0
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1066	10.1	234702.0	-7804.5	86	9.2	21515.0	-7936.5	176	7.0	42639.0	-7948.5
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1	7.3	00155.0	-7917.5	91	10.2	22225.0	-7912.0	181	10.0	43240.0	-7922.0
2	9.8	00330.0	-7932.0	92	10.2	22413.0	-7954.5	182	10.0	43809.0	-7933.0
3	9.1	00355.0	-7917.0	93	10.0	22437.0	-7922.0	183	10.0	43811.0	-7916.0
4	7.8	00406.0	-7942.0	94	10.0	22907.0	-7941.0	184	10.0	43851.0	-7943.0
5	10.1	00529.0	-7909.0	95	10.0	23028.0	-7938.0	185	9.4	44002.0	-7924.0
6	10.1	00752.0	-7928.0	96	9.5	23123.0	-7901.0	186	9.8	44029.0	-7925.5
7	10.1	00752.0	-7950.0	97	9.2	23140.0	-7944.5	187	10.0	44117.0	-7907.0
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14	9.5	02225.0	-7913.0	104	9.7	24238.0	-7940.0	194	10.1	45441.0	-7909.0
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16	9.4	02840.0	-7921.5	106	10.0	24507.0	-7933.5	196	8.7	45713.0	-7933.5
17	9.5	03043.0	-7912.0	107	10.0	24755.0	-7945.0	197	10.0	50212.0	-7921.5
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19	9.8	03302.0	-7946.0	109	9.5	25239.0	-7928.0	199	9.6	50320.0	-7933.5
20	10.2	03826.0	-7927.0	110	8.8	25351.0	-7912.0	200	9.3	50342.0	-7919.0
21	10.2	03940.0	-7911.0	111	9.5	25503.0	-7918.0	201	10.0	50703.0	-7923.0
22	9.8	04044.0	-7905.5	112	10.0	25820.0	-7917.0	202	10.2	50820.0	-7947.5
23	10.2	04149.0	-7916.5	113	9.5	30149.0	-7920.0	203	10.2	50950.0	-7931.0
24	9.5	04207.0	-7930.5	114	9.3	30219.0	-7958.0	204	10.2	51119.0	-7906.0
25	9.8	04224.0	-7912.0	115	9.8	30248.0	-7934.0	205	9.9	51205.0	-7940.0
26	10.0	04426.0	-7909.0	116	9.8	30251.0	-7945.0	206	9.5	51225.0	-7952.0
27	10.2	04551.0	-7917.0	117	9.5	30335.0	-7937.0	207	9.5	51633.0	-7955.5
28	10.2	04553.0	-7915.0	118	10.0	30348.0	-7910.0	208	10.0	51700.0	-7934.0
29	9.5	04644.0	-7954.0	119	10.0	30518.0	-7933.0	209	9.0	51838.0	-7957.5
30	9.7	04740.0	-7910.5	120	9.2	30552.0	-7915.5	210	9.5	51956.0	-7907.5
31	9.7	04757.0	-7919.0	121	9.5	30619.0	-7908.0	211	9.2	52017.0	-7912.0
32	10.1	05039.0	-7949.0	122	9.9	31024.0	-7953.5	212	10.1	52347.0	-7915.0
33	9.3	05040.0	-7951.0	123	9.6	31115.0	-7923.0	213	9.0	52920.0	-7947.0
34	9.6	05632.0	-7901.5	124	6.0	31153.0	-7928.0	214	9.5	53232.0	-7947.0
35	10.2	05930.0	-7928.0	125	10.2	31159.0	-7924.5	215	10.0	53235.0	-7941.0
36	10.2	05938.0	-7906.0	126	10.0	31423.0	-7934.5	216	10.0	53255.0	-7953.0
37	10.1	10016.0	-7956.0	127	10.0	31429.0	-7932.5	217	9.8	53255.0	-7950.5
38	10.1	10032.0	-7918.0	128	10.0	31646.0	-7925.0	218	8.8	53446.0	-7951.5
39	8.5	10104.0	-7901.0	129	8.8	31716.0	-7951.0	219	10.2	53630.0	-7955.5
40	9.5	10122.0	-7900.5	130	10.0	31758.0	-7951.0	220	9.0	53914.0	-7905.0
41	9.3	10354.0	-7954.0	131	10.0	31800.0	-7911.5	221	10.1	54230.0	-7952.0
42	9.8	10410.0	-7906.0	132	7.5	31818.0	-7917.0	222	9.8	54248.0	-7935.5
43	10.0	10436.0	-7922.0	133	9.4	31842.0	-7924.0	223	9.4	54317.0	-7953.5
44	8.8	10644.0	-7905.0	134	9.7	32415.0	-7958.0	224	10.2	54424.0	-7928.5
45	9.7	10656.0	-7953.5	135	10.0	32512.0	-7908.0	225	10.2	54535.0	-7954.0
46	10.0	10738.0	-7915.0	136	10.0	32551.0	-7905.5	226	8.5	54537.0	-7958.5
47	9.3	10838.0	-7922.0	137	9.8	32639.0	-7943.0	227	10.2	55100.0	-7933.0
48	10.1	10951.0	-7943.0	138	10.1	32826.0	-7951.0	228	9.0	55151.0	-7934.5
49	9.9	11040.0	-7943.0	139	9.4	32920.0	-7947.5	229	9.1	55258.0	-7920.5
50	10.1	11111.0	-7934.0	140	8.5	32956.0	-7906.0	230	10.0	55751.0	-7949.0
51	9.2	11340.0	-7902.5	141	10.0	33032.0	-7922.5	231	5.5	55845.0	-7923.0
52	10.0	11424.0	-7929.0	142	8.5	33101.0	-7902.5	232	8.9	55858.0	-7919.0
53	9.6	11808.0	-7944.0	143	9.9	33133.0	-7915.0	233	10.2	60120.0	-7943.0
54	9.2	12240.0	-7952.0	144	9.5	33615.0	-7933.0	234	9.8	60437.0	-7931.5
55	10.0	12348.0	-7957.0	145	10.0	34114.0	-7914.5	235	10.0	60527.0	-7923.0
56	10.0	12454.0	-7918.0	146	6.8	34206.0	-7930.0	236	10.2	60536.0	-7902.0
57	8.1	12659.0	-7941.0	147	9.7	34222.0	-7932.0	237	10.0	60547.0	-7914.0
58	10.0	12735.0	-7946.5	148	8.4	34554.0	-7952.0	238	9.8	60757.0	-7944.0
59	9.5	12745.0	-7903.0	149	9.0	34718.0	-7909.5	239	10.2	60844.0	-7927.5
60	10.0	12842.0	-7936.0	150	8.8	34729.0	-7958.0	240	9.2	60849.0	-7912.5
61	8.7	13033.0	-7936.0	151	9.6	34731.0	-7931.5	241	10.2	60926.0	-7952.0
62	9.8	13109.0	-7942.0	152	9.9	34752.0	-7935.0	242	10.0	60944.0	-7929.0
63	6.3	13253.0	-7908.5	153	9.8	35303.0	-7916.0	243	8.5	61026.0	-7951.0
64	9.5	13314.0	-7916.0	154	9.5	35438.0	-7946.0	244	10.2	61111.0	-7948.0
65	9.2	13415.0	-7914.0	155	10.0	35728.0	-7908.0	245	10.0	61225.0	-7931.0
66	9.3	13902.0	-7956.5	156	8.9	35912.0	-7942.0	246	10.0	61226.0	-7927.0
67	9.9	14119.0	-7933.0	157	9.9	40005.0	-7931.0	247	10.2	61400.0	-7912.0
68	6.5	14120.0	-7947.0	158	10.0	40047.0	-7937.0	248	9.8	61518.0	-7913.0
249	9.0	61709.0	-7941.0								
250	10.0	61801.0	-7951.0								
251	9.2	61819.0	-7910.0								
252	10.0	62405.0	-7908.5								
253	10.0	62456.0	-7954.5								
254	10.0	62502.0	-7923.0								
255	9.8	63059.0	-7933.0								
256	9.4	63313.0	-7938.0								
257	9.5	63646.0	-7942.0								
258	9.9	63827.0	-7951.0								
259	10.2	64623.0	-7905.0								
260	10.2	64710.0	-7935.0								
261	10.0	64838.0	-7945.0								
262	9.4	65027.0	-7928.0								
263	9.0	65028.0	-7959.0								
264	9.9	65031.0	-7923.0								
265	9.5	65133.0	-7955.0								
266	9.4	65227.0	-7942.0								
267	9.5	65500.0	-7902.0								
268	10.0	65516.0	-7925.0								
269	10.0	65604.0	-7959.0								
270	9.8	65616.0	-7941.0								
271	10.0	65705.0	-7957.5								
272	8.9	65932.0	-7958.5								
273	10.2	65937.0	-7949.0								
274	10.0	70140.0	-7947.0								
275	9.0	70415.0	-7926.5								
276	5.6	70426.0	-7914.5								
277	10.0	70443.0	-7957.5								
278	9.8	70504.0	-7915.0								
279	10.2	70735.0	-7907.0								
280	10.0	70842.0	-7930.0								
281	10.0	71537.0	-7916.0								
282	8.0	71708.0	-7913.0								
283	10.0	71956.0	-7929.5								
284	8.5	71958.0	-7945.5								
285	10.2	72046.0	-7922.0								
286	10.2	72500.0	-7945.0								
287	10.0	72629.0	-7933.0								
288	9.3	72936.0	-7942.5								
289	10.2	73011.0	-7930.0								
290	10.0	73244.0	-7955.5								
291	10.1	73513.0	-7937.0								
292	10.2	73717.0	-7937.0								
293	10.2	73807.0	-7925.0								
294	9.3	74118.0	-7900.5								
295	10.2	74153.0	-7951.5								
296	9.5	74358.0	-7948.0								
297	10.0	74448.0	-7937.0								
298	9.2	74526.0	-7930.5								
299	8.8	74544.0	-7907.0								
300	9.2	75235.0	-7921.0								
301	9.1	75744.0	-7950.5								
302	10.0	80347.0	-7921.0								
303	7.8	80426.0	-7917.0								
304	10.2	80618.0	-7941.0								
305	9.5	80725.0	-7930.0								
306	9.2	80809.0	-7919.0								
307	10.0	80924.0	-7948.5								
308	10.1	81217.0	-7906.5								
309	10.1	81517.0	-7935.0								
310	9.5	81740.0	-7922.0								
311	10.0	81827.0	-7912.5								
312	9.7	81853.0	-7936.0								
313	10.2	82051.0	-7910.0								
314	10.1	82058.0	-7958.0								
315	10.1	82221.0	-7918.5								
316	9.8	82404.0	-7945.0								
317	10.0	82539.0	-7910.0								
318	9.5	82632.0	-7932.0								
319	10.2	82639.0	-7925.5								
320	10.0	82908.0	-7926.5								
321	9.9	83030.0	-7919.0								
322	9.9	83039.0	-7957.0								
323	10.1	83107.0	-7939.0								
324	10.2	83221.0	-7910.5								
325	10.1	83247.0	-7957.0								
326	10.2	83400.0	-7918.5								
327	10.0	83835.0	-7911.0								
328	10.2	83838.0	-7940.5								
329	10.2	83848.0	-7957.5								
330	10.0	83850.0	-7902.5								
331	10.2	83902.0	-7905.5								
332	7.1	83924.0	-7943.0								
333	10.2	84114.0	-7901.5								
334	9.5	84427.0	-7932.0								
335	8.5	84510.0	-7913.0								
336	10.0	84535.0	-7928.0								
337	10.0	84538.0	-7939.0								
338	9.9	84828.0	-7935.0								

339	10.0	84851.0	-7958.0	429	9.7	103048.0	-7939.0	519	6.5	130739.0	-7919.0	609	9.0	151659.0	-7946.0
340	9.9	84954.0	-7921.0	430	10.2	103255.0	-7949.5	520	9.2	130803.0	-7905.0	610	10.0	151820.0	-7939.5
341	6.4	85026.0	-7902.5	431	10.0	103321.0	-7945.5	521	9.8	130942.0	-7931.5	611	10.0	151915.0	-7907.0
342	8.7	85033.0	-7913.5	432	9.7	103324.0	-7922.0	522	10.0	131000.0	-7930.5	612	8.9	151920.0	-7911.0
343	10.0	85458.0	-7914.0	433	7.0	103329.0	-7952.5	523	10.0	131155.0	-7945.5	613	9.5	152039.0	-7933.0
344	9.5	85556.0	-7937.5	434	10.0	103357.0	-7909.5	524	10.2	131225.0	-7923.5	614	9.8	152053.0	-7949.5
345	10.0	85617.0	-7940.0	435	9.8	103402.0	-7916.0	525	10.0	131426.0	-7900.0	615	9.5	152338.0	-7917.0
346	10.0	85640.0	-7942.5	436	10.0	103450.0	-7915.5	526	8.2	131706.0	-7936.0	616	10.0	152458.0	-7956.0
347	9.8	85649.0	-7949.5	437	9.0	103518.0	-7939.0	527	10.0	131708.0	-7907.5	617	10.0	152655.0	-7926.0
348	9.2	85704.0	-7943.0	438	9.8	103719.0	-7910.0	528	6.8	132023.0	-7901.0	618	8.8	152656.0	-7919.0
349	8.5	90127.0	-7939.0	439	6.5	104031.0	-7907.5	529	9.7	132124.0	-7907.5	619	10.0	152800.0	-7953.0
350	10.0	90220.0	-7943.0	440	10.2	104200.0	-7940.0	530	10.0	132352.0	-7905.5	620	10.0	152806.0	-7908.0
351	9.3	90242.0	-7904.5	441	6.2	104403.0	-7948.5	531	9.8	132410.0	-7918.0	621	9.0	153048.0	-7913.5
352	9.3	90415.0	-7901.0	442	8.9	104418.0	-7956.0	532	10.2	132634.0	-7944.0	622	10.2	153319.0	-7906.5
353	10.0	90546.0	-7922.0	443	4.9	104435.0	-7953.0	533	9.9	132642.0	-7925.0	623	7.8	153413.0	-7901.0
354	10.1	90709.0	-7957.0	444	9.3	104436.0	-7909.0	534	10.0	132655.0	-7928.0	624	9.8	153556.0	-7934.0
355	10.0	90843.0	-7914.0	445	9.1	104715.0	-7930.0	535	9.3	132722.0	-7902.5	625	10.0	153830.0	-7923.5
356	10.0	91118.0	-7903.0	446	8.9	104953.0	-7918.0	536	9.0	132755.0	-7912.0	626	9.5	153842.0	-7913.5
357	9.5	91458.0	-7933.0	447	10.1	105306.0	-7930.5	537	9.2	132846.0	-7956.5	627	8.5	154010.0	-7948.0
358	10.0	91502.0	-7915.0	448	8.8	105458.0	-7949.0	538	10.0	132917.0	-7957.5	628	10.1	154300.0	-7946.0
359	9.2	91903.0	-7900.5	449	9.8	105516.0	-7923.0	539	10.0	132935.0	-7922.5	629	9.8	154342.0	-7913.0
360	10.0	91926.0	-7920.5	450	10.2	105715.0	-7947.0	540	9.3	133108.0	-7914.0	630	9.8	154358.0	-7924.0
361	9.0	92123.0	-7912.0	451	10.0	105743.0	-7941.0	541	8.4	133239.0	-7908.0	631	9.9	154446.0	-7957.0
362	8.7	92130.0	-7954.0	452	9.8	105801.0	-7917.0	542	9.8	133330.0	-7944.0	632	10.0	154558.0	-7954.0
363	9.3	92415.0	-7905.0	453	10.0	105811.0	-7936.0	543	10.1	133657.0	-7935.0	633	9.8	154707.0	-7908.0
364	7.6	92428.0	-7951.5	454	9.6	105944.0	-7905.0	544	10.0	133732.0	-7903.5	634	9.9	154725.0	-7913.5
365	10.0	92500.0	-7912.0	455	10.0	110132.0	-7917.5	545	10.2	133744.0	-7912.0	635	9.9	154745.0	-7944.0
366	10.2	92659.0	-7950.5	456	10.0	110143.0	-7952.0	546	7.8	134003.0	-7939.0	636	10.1	154803.0	-7929.0
367	10.2	92854.0	-7950.5	457	10.0	110227.0	-7941.0	547	10.0	134121.0	-7903.0	637	9.5	155026.0	-7949.0
368	9.5	93008.0	-7917.0	458	10.0	110340.0	-7931.0	548	9.8	134415.0	-7909.0	638	10.0	155124.0	-7911.0
369	9.9	93216.0	-7907.0	459	10.0	110407.0	-7938.5	549	9.9	134630.0	-7956.5	639	10.0	155144.0	-7924.0
370	9.2	93256.0	-7924.0	460	9.0	110425.0	-7947.5	550	10.0	134757.0	-7903.0	640	10.0	155312.0	-7949.0
371	10.0	93318.0	-7944.5	461	9.9	110432.0	-7951.0	551	9.7	135133.0	-7928.5	641	10.0	155348.0	-7938.0
372	9.2	93348.0	-7949.5	462	8.6	110436.0	-7905.0	552	9.7	135247.0	-7913.0	642	10.0	155504.0	-7936.0
373	10.2	93501.0	-7956.5	463	9.5	110545.0	-7942.5	553	9.2	135600.0	-7901.0	643	10.0	155842.0	-7910.5
374	10.0	93550.0	-7918.0	464	10.0	110615.0	-7917.0	554	10.1	135855.0	-7928.5	644	8.8	155905.0	-7913.0
375	9.2	93714.0	-7918.5	465	10.0	110715.0	-7933.0	555	10.0	140048.0	-7959.0	645	10.2	155926.0	-7937.5
376	9.8	93719.0	-7900.5	466	9.3	111028.0	-7943.0	556	10.1	140254.0	-7949.5	646	9.5	155943.0	-7950.5
377	10.0	93724.0	-7911.0	467	10.0	111036.0	-7939.0	557	10.0	140428.0	-7958.0	647	8.2	160147.0	-7930.5
378	9.6	93742.0	-7938.0	468	10.0	111130.0	-7925.0	558	9.8	140521.0	-7955.0	648	10.0	160301.0	-7958.5
379	8.7	93923.0	-7916.5	469	10.0	111201.0	-7934.0	559	5.5	140725.0	-7931.5	649	9.8	160807.0	-7913.5
380	9.9	93938.0	-7939.5	470	10.0	111210.0	-7958.0	560	7.3	140753.0	-7908.5	650	9.3	160836.0	-7948.0
381	8.0	94043.0	-7947.0	471	9.9	111316.0	-7947.0	561	10.0	140954.0	-7949.0	651	10.0	161030.0	-7958.0
382	8.8	94135.0	-7910.5	472	10.0	111743.0	-7958.0	562	10.0	141110.0	-7954.0	652	10.2	161120.0	-7905.5
383	9.3	94152.0	-7949.0	473	9.6	112127.0	-7957.0	563	9.7	141349.0	-7943.5	653	8.2	161330.0	-7906.0
384	9.0	94224.0	-7906.5	474	9.2	112130.0	-7950.0	564	8.2	141350.0	-7947.0	654	9.8	161554.0	-7909.0
385	8.5	94229.0	-7949.0	475	9.9	112545.0	-7924.0	565	7.6	141405.0	-7932.0	655	10.0	161720.0	-7940.0
386	7.3	94453.0	-7901.0	476	10.0	112551.0	-7930.0	566	8.8	141409.0	-7911.0	656	10.2	162202.0	-7938.0
387	9.7	94726.0	-7956.0	477	8.2	112915.0	-7933.5	567	9.7	141621.0	-7922.0	657	9.9	162401.0	-7951.0
388	8.8	94730.0	-7956.0	478	9.0	113140.0	-7938.5	568	10.0	141740.0	-7941.0	658	10.0	162407.0	-7947.0
389	10.0	94742.0	-7904.0	479	9.5	113333.0	-7919.0	569	7.4	141819.0	-7923.5	659	10.0	162521.0	-7904.5
390	9.9	94800.0	-7957.0	480	9.7	113518.0	-7950.0	570	9.8	141847.0	-7917.0	660	9.8	162628.0	-7911.0
391	10.0	95031.0	-7958.0	481	9.8	113540.0	-7933.5	571	10.0	141958.0	-7903.0	661	8.9	162739.0	-7925.0
392	6.5	95248.0	-7928.0	482	6.6	113834.0	-7947.5	572	8.0	142217.0	-7926.5	662	10.2	162821.0	-7945.0
393	10.0	95428.0	-7956.5	483	10.0	113850.0	-7940.0	573	9.5	142357.0	-7905.0	663	10.0	162830.0	-7913.0
394	10.0	95439.0	-7956.0	484	9.5	114343.0	-7929.0	574	10.0	142636.0	-7923.5	664	9.4	162844.0	-7931.0
395	10.0	95613.0	-7936.0	485	9.3	114928.0	-7901.0	575	9.3	143017.0	-7951.0	665	9.2	162855.0	-7907.0
396	10.0	95614.0	-7913.0	486	7.5	115118.0	-7948.0	576	9.8	143317.0	-7941.0	666	10.0	163044.0	-7933.0
397	9.5	95622.0	-7949.5	487	9.9	115847.0	-7924.0	577	10.0	143536.0	-7948.0	667	10.0	163105.0	-7930.0
398	10.0	95935.0	-7925.0	488	10.2	120005.0	-7911.5	578	10.0	143725.0	-7931.0	668	10.0	163156.0	-7944.0
399	10.0	100003.0	-7900.0	489	9.4	120017.0	-7901.5	579	9.3	143730.0	-7906.0	669	10.0	163246.0	-7943.5
400	10.0	100028.0	-7922.5	490	9.8	120032.0	-7934.0	580	9.3	143912.0	-7917.0	670	10.2	163445.0	-7943.0
401	9.3	100417.0	-7918.0	491	10.0	120158.0	-7918.0	581	9.0	144502.0	-7946.0	671	7.9	163653.0	-7951.5
402	10.1	100420.0	-7957.0	492	9.8	120346.0	-7902.0	582	9.4	144737.0	-7931.0	672	8.6	163728.0	-7930.0
403	8.8	100454.0	-7931.5	493	9.8	120825.0	-7945.5	583	6.9	145054.0	-7949.0	673	10.0	163825.0	-7935.5
404	10.1	100459.0	-7904.0	494	8.7	121004.0	-7953.5	584	9.7	145141.0	-7923.0	674	9.6	163834.0	-7952.5
405	9.2	100600.0	-7903.0	495	10.0	121154.0	-7949.5	585	9.3	145253.0	-7953.5	675	10.0	163925.0	-7930.0
406	10.0	100626.0	-7935.5	496	7.6	121348.0	-7922.0	586	7.6	145320.0	-7907.5	676	9.3	164259.0	-7916.0
407	10.0	100859.0	-7904.0	497	10.2	121700.0	-7911.0	587	9.9	145426.0	-7902.0	677	10.2	164537.0	-7953.5
408	9.6	100902.0	-7942.0	498	10.2	121726.0	-7924.0	588	10.1	145435.0	-7902.5	678	10.1	164552.0	-7917.5
409	9.3	100910.0	-7944.5	499	9.4	122340.0	-7930.0	589	9.8	145457.0	-7948.5	679	9.2	164750.0	-7901.0
410	10.0	101139.0	-7919.0	500	7.1	122406.0	-7905.5	590	10.0	145500.0	-7938.5	680	9.9	164816.0	-7919.0
411	10.1	101444.0	-7941.0	501	9.0	122520.0	-7904.0	591	8.6	145543.0	-7914.0	681	10.1	164918.0	-7907.5
412	10.0	101509.0	-7935.5	502	10.1	122806.0	-7927.0	592	9.7	145718.0	-7908.0	682	9.0	165053.0	-7955.0
413	10.0	101747.0	-7943.5	503	9.9	122931.0	-7908.5	593	9.3	145826.0	-7902.5	683	10.0	165156.0	-7915.0
414	10.0	101940.0	-7928.0	504	10.1	123003.0	-7959.0	594	10.0	150140.0	-7957.0	684	9.7	165320.0	-7951.5
415	10.1	102000.0	-7910.5	505	10.0	123800.0	-7919.5	595	9.2	150145.0	-7949.5	685	10.1	165432.0	-7930.0
416	10.0	102035.0	-7946.0	506	10.0	123924.0	-7906.0	596	10.0	150246.0	-7902.5	686	10.2	165904.0	-7935.0
417	9.6	102240.0	-7901.0	507	9.9	124322.0	-7954.0	597	10.0	150247.0	-7908.5	687	9.8	170005.0	-7957.5
418	9.5	102358.0	-7902.0	508	9.8	124451.0	-7923.5	598	10.1	150330.0	-7908.0	688	10.0	170446.0	-7954.0
419	9.8	102520.0	-7937.0	509	10.2	124839.0	-7950.0	599	8.3	150602.0	-7959.0	689	10.1	170513.0	-7909.0
420	10.1	102539.0	-7940.0	510	8.5	124943.0	-7916.0	600	10.0	150620.0	-7927.5	690	10.0	170531.0	-7911.0
421	9.5	102722.0	-7906.5	511	9.5	125125.0	-7920.5	601	9.9	150626.0	-7905.0	691	10.1	170654.0	-7957.0
422	10.0	102811.0	-7935.5	512	9.9	125242.0	-7910.5	602	10.0	150755.0	-7945.5	692	9.2	170730.0	-7943.0
423	10.0	102844.0	-7946.0	513	8.3	125355.0	-7933.0	603	10.0	150802.0	-7916.5	693	9.8	170738.0	-7913.0
424	9.2	102920.0	-7952.0	514	10.0	125430.0	-7920.5	604	10.0	150833.0	-7952.5	694	10.0	171040.0	-7959.0
425	9.0	102931.0	-7907.5	515	9.5	125705.0	-7908.5	605	9.5	150939.0	-7925.0	695	10.0	171252.0	-7932.0
426	10.0	103003.0	-7909.0	516	10.1	125752.0	-7914.5	606	9.9	151055.0	-7915.0	696	9.9	171653.0	-7914.5
427	9.8	103006.0	-7920.5	517	8.8	125832.0	-7926.5	607	9.8	151207.0	-7942.5	697	10.1	171654.0	-7914.0
428	10.1	103010.0	-7900.0	518	10.1	130023.0	-7927.0	608	9.7	151553.0	-7918.5	698	10.0	171817.0	-7928.0

699	9.3	172142.0	-7923.5	789	10.0	193900.0	-7930.0	879	10.2	215617.0	-7945.0	14	9.9	01740.0	-8000.5
700	9.8	172420.0	-7926.0	790	7.7	194434.0	-7910.0	880	10.0	215853.0	-7956.5	15	9.7	02227.0	-8041.0
701	10.0	172432.0	-7917.0	791	7.9	194508.0	-7907.0	881	9.8	215940.0	-7943.5	16	10.0	02517.0	-8008.5
702	9.9	172615.0	-7913.0	792	9.3	194514.0	-7907.5	882	10.0	220135.0	-7941.5	17	10.0	02755.0	-8037.0
703	10.0	172745.0	-7935.0	793	7.8	194625.0	-7946.0	883	9.6	220145.0	-7958.0	18	10.0	03343.0	-8009.0
704	9.6	172805.0	-7939.0	794	8.5	194652.0	-7903.0	884	10.0	220447.0	-7914.0	19	10.0	03658.0	-8045.0
705	9.8	172843.0	-7944.5	795	8.8	194843.0	-7912.5	885	9.1	220453.0	-7903.0	20	10.0	04037.0	-8018.5
706	9.9	172911.0	-7922.0	796	7.4	195106.0	-7927.5	886	8.4	220707.0	-7955.0	21	10.0	04053.0	-8013.5
707	10.0	172933.0	-7920.5	797	8.6	195152.0	-7935.5	887	9.8	220711.0	-7926.0	22	9.9	04120.0	-8007.5
708	9.5	172936.0	-7914.0	798	9.8	195232.0	-7940.5	888	9.0	220812.0	-7953.0	23	8.8	04137.0	-8021.0
709	10.0	172954.0	-7939.0	799	10.0	195311.0	-7923.0	889	8.8	220915.0	-7900.0	24	9.5	04435.0	-8013.0
710	9.2	173315.0	-7914.0	800	10.0	195505.0	-7914.0	890	9.0	221116.0	-7950.0	25	9.2	04529.0	-8052.5
711	9.5	173707.0	-7904.0	801	8.0	195534.0	-7956.5	891	10.0	221212.0	-7903.0	26	9.8	04835.0	-8037.0
712	10.0	173842.0	-7957.0	802	7.5	195742.0	-7922.5	892	9.9	221253.0	-7900.5	27	10.1	05223.0	-8042.0
713	10.0	174103.0	-7904.0	803	9.0	195838.0	-7910.5	893	8.8	221433.0	-7909.5	28	9.3	10349.0	-8044.0
714	10.1	174149.0	-7946.0	804	9.2	200033.0	-7948.0	894	9.9	221610.0	-7933.0	29	10.2	10441.0	-8045.0
715	10.0	174359.0	-7920.5	805	9.9	200144.0	-7911.5	895	9.3	221944.0	-7957.0	30	10.0	10750.0	-8004.0
716	9.2	174512.0	-7949.5	806	8.5	200152.0	-7927.0	896	10.0	222222.0	-7928.0	31	9.9	10756.0	-8016.5
717	10.0	174544.0	-7945.0	807	9.1	200209.0	-7929.0	897	10.0	222303.0	-7949.5	32	8.2	11025.0	-8046.5
718	10.0	174841.0	-7930.5	808	7.5	200222.0	-7958.5	898	8.0	222324.0	-7915.5	33	9.8	11100.0	-8000.5
719	10.0	174851.0	-7921.5	809	9.8	200233.0	-7924.0	899	6.6	222326.0	-7925.0	34	10.0	11419.0	-8034.0
720	9.3	175450.0	-7911.5	810	10.0	200310.0	-7933.0	900	8.8	222341.0	-7908.5	35	8.5	11522.0	-8043.0
721	10.0	175454.0	-7930.5	811	6.8	200407.0	-7920.5	901	10.0	222809.0	-7954.0	36	9.2	11625.0	-8009.0
722	9.8	175543.0	-7955.0	812	7.5	200516.0	-7926.0	902	9.7	222941.0	-7953.0	37	9.8	11750.0	-8002.0
723	9.7	175739.0	-7919.0	813	10.0	200541.0	-7932.5	903	10.1	223013.0	-7943.0	38	10.0	11846.0	-8021.5
724	7.3	180413.0	-7958.5	814	10.0	200833.0	-7921.0	904	9.0	223159.0	-7930.5	39	10.2	12012.0	-8058.5
725	10.0	180509.0	-7934.0	815	8.3	200841.0	-7947.5	905	10.2	223523.0	-7911.0	40	10.0	12012.0	-8039.0
726	9.8	180512.0	-7906.0	816	7.6	200916.0	-7909.5	906	10.0	223548.0	-7915.5	41	10.0	12100.0	-8035.0
727	10.0	180551.0	-7941.0	817	8.0	201148.0	-7918.5	907	9.8	223553.0	-7934.0	42	9.9	12220.0	-8021.0
728	7.5	180555.0	-7919.0	818	10.0	201214.0	-7902.0	908	9.4	223902.0	-7951.0	43	9.9	12320.0	-8024.0
729	9.4	180902.0	-7957.0	819	10.0	201824.0	-7915.0	909	10.0	223902.0	-7930.5	44	9.6	12424.0	-8032.5
730	8.0	181531.0	-7942.5	820	10.0	201933.0	-7932.5	910	9.9	223918.0	-7920.0	45	8.0	12438.0	-8033.0
731	10.1	181615.0	-7950.0	821	9.5	202025.0	-7939.0	911	9.2	223941.0	-7949.5	46	9.8	12600.0	-8056.0
732	10.0	181618.0	-7927.0	822	9.6	202027.0	-7945.0	912	10.0	224031.0	-7944.0	47	9.8	12606.0	-8022.0
733	10.0	181627.0	-7959.0	823	9.5	202351.0	-7943.5	913	10.0	224232.0	-7941.0	48	9.5	12920.0	-8016.0
734	10.1	181711.0	-7946.0	824	9.9	202401.0	-7908.5	914	9.9	224354.0	-7950.0	49	9.8	13112.0	-8044.0
735	9.5	182200.0	-7922.5	825	9.5	202427.0	-7914.5	915	9.8	224544.0	-7953.5	50	7.2	13310.0	-8034.0
736	8.4	182520.0	-7920.0	826	8.9	202731.0	-7932.0	916	10.0	224642.0	-7926.0	51	7.7	14219.0	-8041.0
737	10.0	182828.0	-7922.5	827	7.7	203036.0	-7923.5	917	10.1	224917.0	-7957.0	52	7.9	14244.0	-8032.5
738	9.8	182905.0	-7955.5	828	10.0	203048.0	-7942.5	918	9.0	225103.0	-7933.5	53	9.5	14253.0	-8031.0
739	10.0	183049.0	-7958.5	829	9.2	203251.0	-7943.5	919	10.0	225231.0	-7957.0	54	8.5	14448.0	-8022.0
740	9.8	183056.0	-7931.0	830	9.2	203434.0	-7919.5	920	9.8	225250.0	-7957.5	55	9.7	14600.0	-8049.0
741	10.0	183105.0	-7903.0	831	10.0	203539.0	-7950.0	921	10.0	225350.0	-7936.5	56	9.8	14655.0	-8056.0
742	9.5	183106.0	-7929.0	832	10.0	203545.0	-7952.5	922	10.1	225352.0	-7905.0	57	6.1	14900.0	-8048.0
743	8.6	183301.0	-7919.0	833	9.5	203619.0	-7904.0	923	10.0	225508.0	-7949.0	58	9.5	14930.0	-8018.5
744	9.8	183330.0	-7956.0	834	9.0	203628.0	-7903.0	924	9.7	225517.0	-7914.0	59	8.8	15124.0	-8059.5
745	8.9	183335.0	-7958.5	835	10.0	203634.0	-7937.5	925	9.5	225528.0	-7918.0	60	9.7	15129.0	-8035.0
746	9.7	183514.0	-7947.5	836	10.0	203805.0	-7940.5	926	10.0	225548.0	-7939.5	61	9.5	15501.0	-8056.0
747	9.5	183646.0	-7911.5	837	10.0	203940.0	-7950.5	927	8.7	225747.0	-7920.0	62	9.6	15656.0	-8058.5
748	10.0	183710.0	-7939.0	838	9.3	204325.0	-7904.5	928	9.0	230015.0	-7926.5	63	9.7	21117.0	-8042.0
749	9.2	183743.0	-7916.5	839	10.0	204733.0	-7934.0	929	10.0	230342.0	-7908.5	64	10.0	21213.0	-8042.0
750	9.8	184110.0	-7948.0	840	10.0	204800.0	-7919.0	930	8.7	230354.0	-7901.5	65	10.0	21614.0	-8007.5
751	7.6	184144.0	-7922.5	841	10.2	204803.0	-7911.5	931	9.5	230405.0	-7905.5	66	10.0	21726.0	-8020.0
752	10.0	184158.0	-7929.0	842	10.0	204812.0	-7938.0	932	9.3	230527.0	-7901.0	67	9.7	22235.0	-8023.0
753	10.0	184244.0	-7924.0	843	8.0	205236.0	-7946.0	933	10.0	230533.0	-7910.0	68	10.1	22717.0	-8032.5
754	10.1	184344.0	-7908.5	844	9.8	205602.0	-7909.5	934	10.1	231016.0	-7918.0	69	9.3	22720.0	-8036.0
755	10.0	184418.0	-7925.0	845	10.0	210219.0	-7959.0	935	9.4	231724.0	-7941.0	70	10.0	22859.0	-8004.5
756	10.0	184418.0	-7927.0	846	10.2	210527.0	-7914.0	936	9.5	231827.0	-7931.5	71	9.8	22904.0	-8000.0
757	10.1	184900.0	-7900.0	847	10.0	210600.0	-7902.0	937	9.7	232140.0	-7916.0	72	9.0	23026.0	-8040.5
758	10.1	184900.0	-7940.5	848	9.5	210630.0	-7941.5	938	9.2	232435.0	-7937.5	73	10.0	23033.0	-8014.0
759	8.3	185007.0	-7940.5	849	9.5	211109.0	-7935.5	939	9.5	232533.0	-7934.5	74	10.0	23224.0	-8019.5
760	9.7	185217.0	-7905.5	850	9.8	211140.0	-7949.0	940	10.0	232618.0	-7930.5	75	10.2	23724.0	-8036.5
761	9.5	185235.0	-7915.0	851	10.0	211343.0	-7905.0	941	9.0	232650.0	-7946.0	76	8.6	23800.0	-8009.0
762	10.2	185357.0	-7959.5	852	9.9	211421.0	-7943.0	942	6.1	233700.0	-7929.0	77	9.8	23800.0	-8020.5
763	9.8	185403.0	-7941.0	853	7.7	211757.0	-7905.5	943	10.2	234030.0	-7922.5	78	9.5	23903.0	-8038.5
764	10.0	185425.0	-7958.0	854	10.0	211950.0	-7901.0	944	10.2	234050.0	-7948.0	79	7.7	24040.0	-8021.0
765	8.3	185507.0	-7913.0	855	10.0	212020.0	-7901.5	945	10.0	234225.0	-7916.5	80	9.1	24058.0	-8001.0
766	9.9	185510.0	-7959.0	856	6.5	212310.0	-7959.5	946	9.6	234444.0	-7951.5	81	10.0	24623.0	-8020.0
767	9.6	185625.0	-7935.5	857	9.9	212413.0	-7955.5	947	7.5	234757.0	-7912.0	82	9.5	24630.0	-8019.0
768	9.2	185837.0	-7901.0	858	10.2	212717.0	-7950.0	948	10.1	235050.0	-7916.0	83	9.0	24702.0	-8032.0
769	9.7	190026.0	-7928.5	859	9.8	213002.0	-7909.5	949	8.8	235051.0	-7958.0	84	9.1	24828.0	-8010.0
770	9.3	190046.0	-7938.0	860	9.8	213045.0	-7910.5	950	8.6	235348.0	-7945.5	85	9.8	24842.0	-8037.0
771	10.0	190122.0	-7900.5	861	9.9	213345.0	-7948.0	951	9.8	235425.0	-7916.0	86	9.5	25334.0	-8012.0
772	10.0	190535.0	-7950.5	862	8.9	213418.0	-7900.5	952	10.0	235541.0	-7958.5	87	9.7	25401.0	-8018.0
773	10.0	190915.0	-7956.5	863	10.0	213433.0	-7913.0	953	9.8	235828.0	-7916.0	88	9.0	25517.0	-8044.0
774	9.3	190922.0	-7946.0	864	10.1	213450.0	-7904.5	954	7.8	235903.0	-7957.0	89	9.9	25528.0	-8011.0
775	10.0	191126.0	-7918.5	865	9.2	213825.0	-7913.0	955	10.0	235956.0	-7921.0	90	10.0	25701.0	-8032.0
776	9.8	191208.0	-7959.0	866	9.6	213835.0	-7957.5	1	9.5	00015.0	-8028.0	91	10.0	25813.0	-8029.5
777	8.2	191224.0	-7926.5	867	10.0	213840.0	-7954.5	2	10.0	00037.0	-8009.0	92	9.6	25857.0	-8034.0
778	9.2	191405.0	-7939.0	868	7.8	213910.0	-7909.5	3	9.8	00240.0	-8041.0	93	9.1	25950.0	-8048.5
779	9.6	191630.0	-7903.0	869	10.0	214015.0	-7900.5	4	7.2	00553.0	-8052.0	94	8.0	30040.0	-8005.0
780	10.0	191725.0	-7944.0	870	9.3	214131.0	-7911.0	5	9.1	00635.0	-8054.0	95	9.2	30605.0	-8017.0
781	10.0	192120.0	-7919.5	871	9.3	214353.0	-7936.0	6	10.0	00652.0	-8000.5	96	9.5	31130.0	-8007.5
782	9.6	192608.0	-7910.0	872	10.1	214448.0	-7914.0	7	9.3	00722.0	-8012.0	97	10.0	31258.0	-8052.0
783	9.8	192817.0	-7931.0	873	10.0	214526.0	-7912.0	8	10.2	00750.0	-8036.0	98	9.5	31410.0	-8021.5
784	10.1	192850.0	-7943.0	874	9.4	214548.0	-7953.0	9	7.0	01025.0	-8032.5	99	9.9	31505.0	-8005.5
785	9.6	192855.0	-7901.0	875	10.1	214821.0	-7927.5	10	10.0	01132.0	-8055.0	100	8.8	32254.0	-8056.0
786	10.0	193338.0	-7952.0	876	10.1	214823.0	-7928.5	11	9.9	01441.0	-8054.0	101	10.0	32425.0	-8002.0
787	9.2	193452.0	-7935.0	877	9.7	214934.0	-7948.0	12	9.6	01628.0	-8033.5	102	10.0	32455.0	-8005.5
788	10.0	193738.0	-7926.0	878	10.2	215547.0	-7931.0	13	9.9	01719.0	-8030.5	103	9.9	32905.0	-8049.0

104	8.9	33027.0	-8051.0	194	9.0	54601.0	-8025.0	284	9.5	82411.0	-8027.5	374	10.1	101554.0	-8006.0
105	9.7	33143.0	-8034.0	195	5.8	54709.0	-8033.5	285	10.0	82509.0	-8053.0	375	9.9	101614.0	-8021.0
106	10.0	33207.0	-8001.5	196	10.2	54758.0	-8034.5	286	9.1	82831.0	-8018.0	376	9.3	101615.0	-8035.0
107	9.3	33357.0	-8039.5	197	10.0	54814.0	-8047.0	287	10.0	82858.0	-8001.0	377	10.2	101710.0	-8020.0
108	9.4	33531.0	-8035.5	198	9.9	54938.0	-8043.0	288	10.0	82913.0	-8019.5	378	10.1	101756.0	-8059.5
109	10.0	33550.0	-8026.5	199	8.8	55524.0	-8020.5	289	9.7	82930.0	-8006.5	379	10.2	101759.0	-8051.5
110	9.8	33606.0	-8004.5	200	9.2	55906.0	-8009.5	290	6.2	83140.0	-8030.0	380	8.5	101806.0	-8018.0
111	10.2	33838.0	-8057.0	201	10.0	60028.0	-8043.0	291	10.1	83153.0	-8042.0	381	9.1	102141.0	-8006.0
112	9.9	33957.0	-8035.0	202	10.1	60116.0	-8012.5	292	10.1	83410.0	-8008.5	382	9.5	102141.0	-8015.0
113	9.5	34130.0	-8025.0	203	10.1	60241.0	-8025.5	293	9.8	83518.0	-8041.0	383	9.2	102215.0	-8055.5
114	9.5	34452.0	-8043.0	204	9.1	60536.0	-8006.5	294	10.0	83739.0	-8037.0	384	10.1	102256.0	-8029.5
115	10.1	34600.0	-8017.5	205	10.2	60926.0	-8050.5	295	10.0	83955.0	-8035.0	385	10.0	102316.0	-8019.5
116	10.0	34619.0	-8006.5	206	10.0	61013.0	-8034.5	296	10.2	84000.0	-8034.0	386	10.0	102450.0	-8054.5
117	10.0	34815.0	-8053.0	207	9.8	61019.0	-8028.0	297	10.2	84048.0	-8041.5	387	8.9	102503.0	-8054.0
118	10.0	34923.0	-8042.0	208	9.2	61045.0	-8035.0	298	10.0	84100.0	-8039.0	388	9.0	102535.0	-8001.0
119	7.9	34934.0	-8024.0	209	9.5	61516.0	-8003.5	299	10.0	84136.0	-8007.5	389	9.7	102828.0	-8025.5
120	9.2	34935.0	-8024.5	210	9.8	61551.0	-8001.5	300	10.0	84248.0	-8000.5	390	7.8	102849.0	-8025.0
121	9.9	34957.0	-8013.0	211	9.5	61621.0	-8023.0	301	9.2	84311.0	-8028.0	391	10.0	102924.0	-8000.0
122	9.7	35025.0	-8059.5	212	10.0	61646.0	-8008.0	302	9.6	84321.0	-8051.0	392	9.6	103116.0	-8041.0
123	9.3	35128.0	-8051.0	213	10.0	61842.0	-8003.5	303	10.0	84749.0	-8007.0	393	7.5	103253.0	-8058.0
124	8.8	35350.0	-8030.5	214	9.8	62000.0	-8011.0	304	10.0	84926.0	-8048.5	394	7.9	103255.0	-8031.0
125	9.9	35532.0	-8033.0	215	8.8	62252.0	-8015.0	305	9.6	84928.0	-8015.0	395	10.1	103405.0	-8048.5
126	9.9	35756.0	-8032.5	216	10.0	62515.0	-8029.5	306	9.2	85035.0	-8013.0	396	9.9	103412.0	-8021.5
127	10.0	35924.0	-8045.5	217	9.0	62542.0	-8040.5	307	10.0	85221.0	-8047.0	397	9.5	103536.0	-8009.5
128	10.0	35940.0	-8051.0	218	8.9	62556.0	-8057.0	308	8.7	85300.0	-8039.0	398	9.6	104134.0	-8036.0
129	9.0	40030.0	-8010.0	219	10.2	62812.0	-8016.5	309	9.9	85541.0	-8018.0	399	10.0	104354.0	-8009.5
130	9.0	40132.0	-8056.0	220	10.0	62820.0	-8030.5	310	10.0	85600.0	-8057.0	400	10.0	104403.0	-8021.0
131	9.1	40344.0	-8026.0	221	9.8	63211.0	-8002.5	311	9.5	85650.0	-8007.0	401	9.9	104432.0	-8054.5
132	10.0	40709.0	-8048.0	222	9.7	63349.0	-8020.5	312	10.0	85748.0	-8038.0	402	8.7	104528.0	-8000.0
133	10.2	40748.0	-8046.0	223	10.0	63736.0	-8059.5	313	10.1	85948.0	-8017.0	403	10.1	104632.0	-8055.5
134	10.2	41015.0	-8014.0	224	9.0	63903.0	-8026.0	314	9.2	90001.0	-8018.0	404	9.9	104716.0	-8013.5
135	10.0	41028.0	-8011.0	225	8.7	63943.0	-8029.0	315	10.0	90244.0	-8008.0	405	8.3	104844.0	-8016.0
136	10.0	41236.0	-8038.0	226	9.5	64055.0	-8044.0	316	9.2	90822.0	-8030.0	406	9.8	104933.0	-8021.0
137	9.5	41254.0	-8016.0	227	9.2	64315.0	-8020.0	317	10.2	90845.0	-8021.0	407	10.1	105153.0	-8059.0
138	10.0	41316.0	-8001.5	228	10.1	64457.0	-8040.5	318	10.0	91443.0	-8011.0	408	10.0	105226.0	-8019.0
139	10.0	41415.0	-8032.0	229	9.5	64608.0	-8043.5	319	9.5	91604.0	-8009.0	409	9.5	105455.0	-8052.0
140	10.0	41451.0	-8023.0	230	9.1	64741.0	-8054.0	320	10.0	92039.0	-8053.0	410	9.5	105621.0	-8059.5
141	9.7	41604.0	-8018.0	231	10.2	64954.0	-8037.0	321	10.0	92116.0	-8031.0	411	8.4	105633.0	-8010.0
142	9.7	41606.0	-8049.5	232	10.0	65020.0	-8052.0	322	10.2	92226.0	-8026.0	412	10.1	105637.0	-8016.0
143	9.3	42102.0	-8055.0	233	5.8	65025.0	-8041.0	323	10.0	92319.0	-8049.0	413	8.9	105646.0	-8007.0
144	10.0	42232.0	-8039.0	234	10.0	65214.0	-8054.5	324	9.5	92420.0	-8018.0	414	9.8	105720.0	-8056.0
145	9.2	42446.0	-8017.0	235	10.0	65217.0	-8051.5	325	10.2	92537.0	-8031.5	415	7.0	105745.0	-8053.5
146	5.8	42632.0	-8030.5	236	10.0	65550.0	-8050.5	326	10.2	92629.0	-8033.0	416	10.1	110010.0	-8047.0
147	9.0	42808.0	-8024.5	237	10.0	65754.0	-8029.0	327	10.0	92742.0	-8055.5	417	10.0	110103.0	-8058.0
148	10.0	43132.0	-8008.5	238	7.4	65821.0	-8054.5	328	9.9	92758.0	-8001.0	418	8.2	110116.0	-8057.0
149	9.8	43134.0	-8008.5	239	10.1	65920.0	-8029.0	329	5.8	92814.0	-8015.0	419	10.1	110327.0	-8046.0
150	9.9	43315.0	-8027.0	240	9.5	70117.0	-8051.5	330	10.2	92830.0	-8033.5	420	9.9	110555.0	-8012.5
151	9.7	43550.0	-8019.0	241	9.7	70415.0	-8009.5	331	8.7	92847.0	-8034.5	421	10.0	110557.0	-8020.5
152	9.9	43926.0	-8011.0	242	9.0	70521.0	-8055.0	332	9.3	92911.0	-8010.5	422	9.6	110655.0	-8039.0
153	9.6	43959.0	-8007.0	243	9.5	70529.0	-8051.0	333	10.0	93045.0	-8009.5	423	10.2	110718.0	-8038.5
154	9.6	44038.0	-8005.0	244	8.0	70547.0	-8039.5	334	10.0	93201.0	-8041.0	424	10.0	110846.0	-8002.5
155	8.6	44052.0	-8032.5	245	9.5	70911.0	-8035.5	335	8.0	93340.0	-8040.0	425	10.0	111023.0	-8007.5
156	10.0	44231.0	-8019.0	246	9.8	71238.0	-8041.0	336	10.2	93414.0	-8014.0	426	9.0	111304.0	-8053.0
157	9.2	44918.0	-8059.5	247	8.2	71527.0	-8057.5	337	10.0	93453.0	-8009.0	427	10.0	111521.0	-8022.0
158	9.8	44927.0	-8055.0	248	10.0	71737.0	-8039.0	338	9.5	93657.0	-8039.0	428	10.0	111638.0	-8001.0
159	9.7	45000.0	-8045.0	249	10.0	71744.0	-8030.0	339	9.8	93715.0	-8001.5	429	10.0	111753.0	-8038.0
160	9.8	45007.0	-8049.2	250	10.0	71844.0	-8017.0	340	5.5	93729.0	-8023.0	430	9.8	111835.0	-8013.5
161	10.0	45239.0	-8029.0	251	9.3	71958.0	-8027.0	341	10.2	94217.0	-8040.0	431	10.0	112023.0	-8049.5
162	10.2	45318.0	-8019.5	252	9.5	72313.0	-8031.0	342	10.0	94228.0	-8040.5	432	10.0	112134.0	-8022.0
163	10.0	45352.0	-8008.5	253	10.0	72445.0	-8051.0	343	10.0	94230.0	-8049.0	433	9.6	112154.0	-8053.0
164	9.2	45455.0	-8000.5	254	8.5	72518.0	-8059.0	344	9.7	94432.0	-8009.5	434	10.0	112158.0	-8033.5
165	7.9	45520.0	-8051.0	255	10.0	72955.0	-8011.0	345	9.4	94559.0	-8018.5	435	10.0	112531.0	-8021.0
166	7.9	45609.0	-8000.5	256	10.1	73010.0	-8021.5	346	9.5	94631.0	-8045.0	436	9.3	112537.0	-8027.5
167	8.0	45816.0	-8059.0	257	10.0	73108.0	-8040.0	347	9.8	94631.0	-8046.0	437	9.0	112649.0	-8000.5
168	10.0	50013.0	-8018.5	258	9.2	73623.0	-8033.0	348	9.7	94640.0	-8045.0	438	8.0	112750.0	-8044.5
169	9.8	50324.0	-8028.5	259	10.0	73743.0	-8031.5	349	8.2	95016.0	-8028.5	439	10.0	112808.0	-8037.0
170	9.9	50412.0	-8035.0	260	10.0	73804.0	-8058.0	350	10.0	95420.0	-8019.0	440	10.1	112903.0	-8042.0
171	10.0	50520.0	-8005.0	261	10.2	73850.0	-8049.0	351	10.0	95556.0	-8019.0	441	10.2	113217.0	-8033.0
172	9.5	50524.0	-8044.0	262	9.2	74046.0	-8040.0	352	10.0	95611.0	-8011.0	442	10.0	113237.0	-8033.5
173	9.9	50743.0	-8039.5	263	10.1	74050.0	-8027.5	353	9.7	95658.0	-8000.5	443	8.6	113313.0	-8001.5
174	10.0	51005.0	-8031.0	264	10.0	74653.0	-8029.0	354	10.0	95755.0	-8044.0	444	9.8	113518.0	-8002.0
175	9.8	51209.0	-8036.5	265	9.2	75200.0	-8020.0	355	9.0	95808.0	-8042.0	445	10.0	113724.0	-8012.5
176	9.1	51251.0	-8058.0	266	9.5	75330.0	-8021.5	356	10.0	95813.0	-8041.5	446	9.7	113832.0	-8022.0
177	10.0	51700.0	-8055.0	267	9.4	75820.0	-8035.0	357	10.2	95910.0	-8037.0	447	10.0	113918.0	-8044.0
178	9.7	51819.0	-8025.0	268	9.0	75853.0	-8052.5	358	8.6	95951.0	-8059.0	448	9.8	114237.0	-8010.0
179	7.7	52015.0	-8032.5	269	10.2	80227.0	-8051.5	359	10.0	100015.0	-8029.5	449	10.0	114458.0	-8051.0
180	7.9	52106.0	-8019.5	270	9.5	80920.0	-8010.0	360	10.2	100049.0	-8034.5	450	9.5	114617.0	-8045.0
181	9.7	52336.0	-8030.0	271	9.7	81215.0	-8039.0	361	10.0	100312.0	-8039.0	451	10.0	114717.0	-8045.5
182	10.2	52413.0	-8004.0	272	10.1	81248.0	-8049.0	362	9.9	100425.0	-8042.0	452	9.1	114825.0	-8030.0
183	10.2	52552.0	-8058.0	273	9.2	81345.0	-8032.0	363	9.5	100612.0	-8006.5	453	8.9	114903.0	-8019.0
184	10.2	52646.0	-8054.0	274	10.0	81514.0	-8007.0	364	9.6	100627.0	-8007.0	454	8.9	114916.0	-8039.5
185	9.7	53030.0	-8059.5	275	10.2	81601.0	-8036.0	365	6.8	100628.0	-8057.5	455	10.1	115316.0	-8034.0
186	9.9	53341.0	-8031.0	276	9.1	81755.0	-8012.5	366	10.2	100646.0	-8045.0	456	10.0	115401.0	-8005.0
187	10.0	53454.0	-8027.0	277	9.7	81821.0	-8005.0	367	9.8	101055.0	-8039.5	457	10.0	115554.0	-8030.0
188	9.3	53646.0	-8056.0	278	10.0	81829.0	-8019.5	368	9.4	101125.0	-8027.0	458	10.0	115602.0	-8047.0
189	10.0	53655.0	-8016.0	279	10.2	81938.0	-8036.0	369	8.9	101202.0	-8002.0	459	10.1	115617.0	-8027.0
190	10.0	54022.0	-8010.0	280	10.0	82009.0	-8004.5	370	10.2	101409.0	-8023.0	460	10.0	115707.0	-8036.5
191	9.5	54232.0	-8019.0	281	9.4	82036.0	-8010.0	371	9.1	101431.0	-8039.5	461	9.3	115856.0	-8034.0
192	9.3	54342.0	-8018.0	282	9.8	82200.0	-8012.0	372	10.1	101436.0	-8041.0	462	10.0	120338.0	-8010.5
193	8.4	54553.0	-8054.5	283	10.2	82337.0	-8046.0	373	10.1	101449.0	-8043.0	463	10.1	120407.0	-8036.0

464	9.9	120428.0	-8021.5	554	9.7	145343.0	-8012.0	644	9.4	171910.0	-8000.5
465	8.5	120502.0	-8022.0	555	9.5	145443.0	-8045.0	645	9.6	171950.0	-8043.5
466	8.3	120610.0	-8008.0	556	8.4	145630.0	-8017.0	646	10.0	172320.0	-8026.0
467	10.0	120614.0	-8035.0	557	9.9	145927.0	-8001.5	647	10.0	172435.0	-8042.5
468	7.7	120738.0	-8030.0	558	9.3	145945.0	-8046.0	648	10.0	172717.0	-8045.0
469	8.0	120829.0	-8005.0	559	10.0	150044.0	-8036.0	649	9.8	173629.0	-8020.0
470	10.0	121120.0	-8056.0	560	9.2	150415.0	-8047.0	650	9.9	173820.0	-8048.5
471	9.9	121433.0	-8016.0	561	9.3	150908.0	-8033.0	651	10.0	174003.0	-8008.0
472	10.0	121555.0	-8034.0	562	9.1	151135.0	-8051.5	652	10.0	174005.0	-8040.0
473	8.5	121559.0	-8040.0	563	10.0	151310.0	-8036.0	653	9.3	174130.0	-8036.5
474	10.0	121656.0	-8057.0	564	9.9	151333.0	-8005.0	654	10.0	174203.0	-8059.0
475	9.8	122121.0	-8052.0	565	10.0	151840.0	-8023.0	655	10.0	174616.0	-8009.0
476	9.5	123050.0	-8012.5	566	9.7	151936.0	-8040.5	656	9.3	175242.0	-8013.5
477	9.5	123202.0	-8056.0	567	10.0	152040.0	-8006.0	657	9.1	175355.0	-8005.5
478	9.3	123348.0	-8049.0	568	10.0	152246.0	-8033.5	658	9.9	175417.0	-8040.0
479	10.0	123512.0	-8020.5	569	9.8	152358.0	-8020.0	659	10.0	175500.0	-8038.5
480	9.8	123622.0	-8059.5	570	9.2	152552.0	-8029.0	660	7.3	175746.0	-8016.0
481	10.0	123710.0	-8013.0	571	9.8	152653.0	-8008.0	661	10.1	175922.0	-8012.5
482	7.2	123957.0	-8001.0	572	10.0	152827.0	-8020.0	662	10.0	180000.0	-8048.0
483	10.1	124221.0	-8053.0	573	10.0	153057.0	-8047.0	663	10.2	180340.0	-8009.5
484	10.0	124317.0	-8017.5	574	9.2	153427.0	-8008.0	664	10.0	180611.0	-8052.5
485	10.2	124705.0	-8003.0	575	10.0	153734.0	-8054.0	665	6.4	180648.0	-8017.0
486	10.2	124803.0	-8003.5	576	9.8	153746.0	-8002.0	666	10.0	180806.0	-8056.5
487	10.0	124909.0	-8045.5	577	8.5	153809.0	-8022.5	667	10.0	180812.0	-8016.0
488	9.2	124958.0	-8039.5	578	10.2	153818.0	-8029.0	668	10.0	180940.0	-8029.0
489	9.8	125324.0	-8040.0	579	10.0	153823.0	-8015.0	669	10.0	181200.0	-8025.0
490	7.2	125341.0	-8028.5	580	10.0	153838.0	-8050.5	670	9.9	181303.0	-8041.0
491	10.0	130138.0	-8052.5	581	9.8	154019.0	-8039.5	671	9.7	181325.0	-8016.0
492	10.0	130836.0	-8036.0	582	10.0	154249.0	-8028.0	672	10.0	181355.0	-8010.0
493	8.3	131108.0	-8039.0	583	9.8	154330.0	-8025.0	673	10.0	181400.0	-8036.5
494	9.8	131316.0	-8042.5	584	10.2	154433.0	-8047.5	674	10.0	181729.0	-8050.0
495	10.0	131333.0	-8026.0	585	9.5	154449.0	-8013.0	675	10.1	181824.0	-8043.0
496	10.2	131345.0	-8026.5	586	9.6	154524.0	-8008.0	676	10.0	181935.0	-8053.0
497	10.0	131347.0	-8055.0	587	10.0	154942.0	-8023.0	677	10.1	182153.0	-8017.0
498	10.2	131353.0	-8054.5	588	10.0	155037.0	-8020.0	678	9.3	182205.0	-8050.5
499	8.7	131840.0	-8054.5	589	10.2	155104.0	-8001.0	679	9.8	182622.0	-8050.5
500	9.0	132246.0	-8033.5	590	10.2	155218.0	-8004.0	680	9.3	182713.0	-8019.0
501	9.3	132330.0	-8006.0	591	9.5	155305.0	-8030.0	681	10.1	182753.0	-8029.0
502	10.0	132416.0	-8017.0	592	8.0	155542.0	-8028.0	682	9.8	183230.0	-8020.5
503	9.9	132420.0	-8031.0	593	10.0	155614.0	-8058.0	683	6.7	183243.0	-8051.5
504	10.0	132500.0	-8033.5	594	7.7	160101.0	-8026.0	684	9.9	183248.0	-8038.0
505	10.0	132515.0	-8011.0	595	10.0	160305.0	-8042.0	685	9.0	183306.0	-8018.5
506	9.5	132541.0	-8041.0	596	9.2	160356.0	-8051.0	686	9.9	183415.0	-8008.0
507	10.0	132654.0	-8020.5	597	10.0	160531.0	-8030.0	687	9.7	183434.0	-8023.0
508	10.2	132737.0	-8008.0	598	10.2	160648.0	-8007.0	688	10.1	183442.0	-8022.5
509	9.8	133139.0	-8036.0	599	10.2	160719.0	-8037.0	689	9.3	183518.0	-8029.0
510	10.0	133557.0	-8029.5	600	8.7	160945.0	-8001.5	690	10.0	183519.0	-8036.0
511	10.1	134006.0	-8048.5	601	9.0	161201.0	-8039.0	691	10.0	183703.0	-8010.5
512	9.7	134123.0	-8054.0	602	10.0	161309.0	-8001.0	692	9.5	183922.0	-8019.0
513	9.8	134528.0	-8049.0	603	10.0	161309.0	-8024.5	693	10.2	184153.0	-8031.5
514	10.0	134756.0	-8033.0	604	10.1	161312.0	-8059.5	694	9.2	184426.0	-8043.0
515	9.9	134807.0	-8010.0	605	10.0	161445.0	-8034.0	695	9.8	184600.0	-8005.0
516	10.0	135047.0	-8015.5	606	10.2	161445.0	-8053.0	696	10.0	184624.0	-8011.0
517	9.8	135143.0	-8001.0	607	10.0	161459.0	-8054.0	697	9.4	184733.0	-8034.0
518	7.8	135323.0	-8009.5	608	9.5	161603.0	-8008.0	698	9.4	184755.0	-8043.5
519	10.0	135400.0	-8004.5	609	10.0	162024.0	-8048.0	699	9.5	185119.0	-8011.0
520	9.0	135708.0	-8057.0	610	9.9	162236.0	-8026.5	700	10.1	185442.0	-8027.0
521	10.1	140200.0	-8059.5	611	9.3	162300.0	-8033.0	701	9.6	185805.0	-8003.0
522	9.3	140210.0	-8010.5	612	9.8	162356.0	-8055.0	702	10.1	185815.0	-8020.0
523	5.3	140240.0	-8025.0	613	10.0	162530.0	-8059.0	703	9.0	190005.0	-8043.0
524	9.8	140409.0	-8057.5	614	8.5	162620.0	-8007.0	704	9.5	190043.0	-8010.0
525	9.0	140744.0	-8045.0	615	10.0	162716.0	-8005.5	705	10.0	190048.0	-8034.0
526	9.7	141008.0	-8052.0	616	10.0	162911.0	-8054.5	706	10.1	190217.0	-8052.0
527	10.0	141204.0	-8023.0	617	9.8	163040.0	-8017.5	707	8.5	190414.0	-8027.5
528	10.0	141251.0	-8031.5	618	10.0	163420.0	-8021.0	708	10.1	190540.0	-8012.5
529	10.0	141315.0	-8056.5	619	9.3	163538.0	-8046.0	709	10.0	190703.0	-8032.5
530	10.2	141447.0	-8011.0	620	9.6	163600.0	-8014.5	710	10.0	190821.0	-8026.0
531	9.7	141645.0	-8054.0	621	9.5	163610.0	-8047.0	711	8.5	190926.0	-8013.5
532	10.2	141844.0	-8039.0	622	10.1	163617.0	-8034.5	712	9.7	190959.0	-8036.0
533	8.6	142206.0	-8011.0	623	10.0	163825.0	-8045.0	713	9.9	191110.0	-8043.5
534	10.0	142241.0	-8053.5	624	10.0	163912.0	-8058.0	714	9.5	191320.0	-8038.0
535	10.0	142257.0	-8025.5	625	8.6	164142.0	-8053.0	715	10.0	191433.0	-8004.5
536	10.2	142347.0	-8036.5	626	9.2	164158.0	-8057.0	716	10.2	191448.0	-8030.5
537	9.5	142400.0	-8039.0	627	10.0	164345.0	-8020.0	717	9.6	191535.0	-8008.5
538	9.1	142434.0	-8055.0	628	10.1	164510.0	-8051.0	718	10.0	191806.0	-8012.5
539	10.1	142755.0	-8023.0	629	10.0	164625.0	-8003.0	719	10.2	192036.0	-8020.0
540	9.9	142950.0	-8054.5	630	9.8	164711.0	-8053.0	720	10.0	192125.0	-8005.0
541	9.6	142954.0	-8041.0	631	10.0	165132.0	-8005.0	721	9.9	192235.0	-8059.0
542	10.1	143103.0	-8053.0	632	10.2	170027.0	-8055.0	722	8.0	192341.0	-8022.0
543	9.3	143514.0	-8003.5	633	9.9	170302.0	-8031.0	723	10.0	192347.0	-8014.0
544	9.6	143628.0	-8004.0	634	9.8	170335.0	-8023.5	724	10.0	192350.0	-8002.0
545	9.5	143642.0	-8016.0	635	10.0	170423.0	-8001.0	725	9.5	192414.0	-8055.0
546	9.2	143941.0	-8042.0	636	10.1	170654.0	-8033.0	726	9.2	192613.0	-8030.0
547	8.6	143952.0	-8041.5	637	9.3	170720.0	-8045.5	727	9.3	192730.0	-8018.5
548	9.8	144141.0	-8012.0	638	6.4	170807.0	-8044.0	728	9.5	193019.0	-8046.0
549	10.0	144214.0	-8042.5	639	10.0	170906.0	-8038.5	729	10.1	193156.0	-8031.5
550	9.9	144243.0	-8027.0	640	7.7	171056.0	-8057.5	730	10.0	193219.0	-8038.0
551	10.2	144512.0	-8018.0	641	9.2	171122.0	-8025.5	731	10.0	193434.0	-8040.0
552	10.1	144640.0	-8029.0	642	9.9	171145.0	-8026.0	732	9.7	193859.0	-8017.0
553	9.9	145120.0	-8044.0	643	9.6	171857.0	-8034.0	733	10.1	194126.0	-8053.5
734	9.5	194522.0	-8059.0
735	8.5	194528.0	-8056.0
736	10.2	195127.0	-8044.0
737	10.0	195347.0	-8034.5
738	9.0	195426.0	-8015.5
739	10.1	200014.0	-8039.0
740	9.7	200021.0	-8029.5
741	9.5	200402.0	-8007.5
742	10.0	200513.0	-8014.0
743	10.0	200534.0	-8001.0
744	9.5	200609.0	-8049.0
745	9.2	200643.0	-8023.5
746	9.2	200740.0	-8050.5
747	10.1	200820.0	-8023.5
748	9.9	200959.0	-8045.0
749	10.1	201029.0	-8024.0
750	8.0	201056.0	-8057.0
751	10.0	201253.0	-8032.0
752	9.5	201306.0	-8020.0
753	9.4	201400.0	-8043.0
754	9.7	201618.0	-8055.0
755	10.2	201830.0	-8018.0
756	9.7	201900.0	-8030.5
757	9.3	201922.0	-8026.0
758	10.0	201940.0	-8048.0
759	9.8	201949.0	-8012.5
760	9.0	202211.0	-8058.0
761	10.2	202250.0	-8031.0
762	9.6	202713.0	-8047.0
763	8.5	202810.0	-8046.0
764	7.6	202856.0	-8018.0
765	9.8	202924.0	-8046.5
766	9.6	203039.0	-8054.5
767	7.6	203040.0	-8035.0
768	10.0	203410.0	-8032.5
769	10.0	203655.0	-8017.0
770	9.3	203740.0	-8050.0
771	10.1	203755.0	-8049.0
772	10.1	203902.0	-8015.0
773	10.0	203920.0	-8003.0
774	9.9	203931.0	-8004.5
775	9.8	204516.0	-8057.0
776	9.7	204710.0	-8028.5
777	10.2	204713.0	-8029.0
778	10.2	204735.0	-8006.0
779	10.2	205149.0	-8004.0
780	10.2	205428.0	-8040.5
781	10.0	205744.0	-8054.5
782	7.4	205918.0	-8051.0
783	9.8	210022.0	-8024.5
784	9.9	210101.0	-8018.0
785	9.8	210325.0	-8039.0
786	7.6	210445.0	-8038.0
787	9.9	210716.0	-8039.0
788	9.4	210909.0	-8041.0
789	9.7	210928.0	-8030.0
790	7.4	211206.0	-8027.5
791	8.3	211533.0	-8037.0
792	10.0	211627.0	-8006.5
793	10.0	211634.0	-8041.5
794	6.5	211643.0	-8035.0
795	9.9	211750.0	-8016.5
796	10.0	211751.0	-8021.0
797	10.0	212631.0	-8036.5
798	10.2	212755.0	-8016.0
799	9.5	212854.0	-8016.5
800	8.2	213240.0	-8057.5
801	8.6	213538.0	-8007.5
802	10.1	213940.0	-8057.5
803	8.5	213953.0	-8056.5
804	9.3	214045.0	-8018.0
805	7.5	214227.0	-8018.5
806	10.1	214250.0	-8017.0
807	9.9	214614.0	-8007.5
808	10.2	214703.0	-8016.0
809	9.7	214750.0	-8043.0
810	8.9	214946.0	-8024.5
811	10.0	215338.0	-8027.0
812	9.5	215446.0	-8057.5
813	10.1	220142.0	-8021.5
814	9.9	220330.0	-8042.0
815	9.1	220410.0	-8051.0
816	9.5	220448.0	-8029.0
817	10.0	220454.0	-8027.0
818	10.2	220627.0	-8008.0
819	9.5	221506.0	-8017.5
820	9.5	222231.0	-8029.5
821	10.0	222310.0	-8050.0
822	9.9	222907.0	-8029.5
823	9.0	223239.0	-8053.5

824	10.2	223307.0	-8058.5	41	9.0	12532.0	-8131.0	131	8.9	41308.0	-8113.0	221	10.1	70055.0	-8112.0
825	9.7	223343.0	-8031.0	42	9.5	12639.0	-8103.0	132	10.0	41430.0	-8103.0	222	10.1	70059.0	-8137.0
826	10.0	223815.0	-8009.0	43	8.8	13006.0	-8151.0	133	7.9	41548.0	-8103.0	223	10.0	70220.0	-8112.0
827	10.2	223817.0	-8033.5	44	10.0	13218.0	-8121.5	134	9.9	41754.0	-8102.5	224	9.7	70347.0	-8130.5
828	5.7	223836.0	-8047.0	45	9.7	13347.0	-8136.5	135	9.5	41933.0	-8122.5	225	9.3	70630.0	-8155.5
829	10.0	224151.0	-8004.0	46	10.1	13808.0	-8155.5	136	9.1	42104.0	-8118.0	226	9.5	70710.0	-8133.5
830	9.9	224322.0	-8052.0	47	9.3	13821.0	-8106.0	137	9.5	42130.0	-8151.5	227	10.0	70825.0	-8148.0
831	8.4	224348.0	-8023.0	48	9.7	13847.0	-8150.0	138	9.9	42230.0	-8134.5	228	9.7	70904.0	-8122.0
832	9.2	224410.0	-8006.0	49	9.8	14042.0	-8114.0	139	9.9	42320.0	-8111.0	229	9.2	71128.0	-8134.5
833	9.5	224427.0	-8000.5	50	9.2	14157.0	-8116.0	140	10.0	42733.0	-8102.5	230	10.1	71258.0	-8136.5
834	10.0	224747.0	-8028.0	51	10.0	14157.0	-8158.5	141	5.7	43210.0	-8151.5	231	8.8	71546.0	-8117.5
835	10.2	224919.0	-8045.0	52	10.0	14439.0	-8114.0	142	9.5	43555.0	-8150.5	232	9.0	71636.0	-8154.0
836	9.7	225115.0	-8033.5	53	9.8	14533.0	-8112.0	143	10.0	43601.0	-8115.0	233	10.0	71839.0	-8124.0
837	10.1	225124.0	-8050.5	54	7.5	15202.0	-8158.5	144	10.0	43638.0	-8129.0	234	9.7	72033.0	-8139.0
838	10.0	225751.0	-8004.0	55	8.9	15406.0	-8138.0	145	9.8	43938.0	-8128.0	235	9.5	72502.0	-8122.0
839	9.4	225801.0	-8053.0	56	10.0	15630.0	-8154.5	146	9.8	44018.0	-8125.5	236	9.3	72523.0	-8151.5
840	10.2	225803.0	-8043.0	57	10.0	15708.0	-8106.0	147	8.9	44204.0	-8131.0	237	9.5	73125.0	-8100.0
841	10.1	225803.0	-8059.0	58	9.0	20315.0	-8107.5	148	9.7	44534.0	-8132.5	238	9.2	73142.0	-8143.0
842	6.3	225810.0	-8009.0	59	9.8	20629.0	-8120.0	149	9.9	44850.0	-8119.5	239	9.5	73813.0	-8108.5
843	10.1	230547.0	-8044.0	60	9.5	20738.0	-8112.0	150	9.8	45030.0	-8102.5	240	9.8	74002.0	-8115.0
844	7.8	230748.0	-8007.0	61	9.9	21020.0	-8154.0	151	9.2	45439.0	-8143.0	241	9.5	74037.0	-8139.0
845	6.6	230939.0	-8009.5	62	10.2	21256.0	-8154.5	152	9.5	50041.0	-8119.0	242	9.6	74153.0	-8121.0
846	10.2	231155.0	-8042.0	63	10.0	21323.0	-8135.0	153	9.3	50814.0	-8154.0	243	8.7	74256.0	-8158.0
847	10.0	231540.0	-8025.5	64	10.0	21437.0	-8136.0	154	9.5	51040.0	-8140.5	244	9.5	74318.0	-8142.5
848	9.6	231606.0	-8037.5	65	10.2	21439.0	-8117.5	155	9.4	51232.0	-8132.5	245	10.0	75022.0	-8150.0
849	10.2	231611.0	-8026.5	66	9.2	21707.0	-8110.0	156	10.2	51653.0	-8119.0	246	9.9	75238.0	-8126.5
850	8.8	232550.0	-8047.5	67	8.5	21840.0	-8106.5	157	10.2	51701.0	-8140.5	247	9.2	75320.0	-8120.5
851	9.9	232555.0	-8012.5	68	10.0	22022.0	-8130.0	158	10.1	52103.0	-8125.0	248	10.0	75405.0	-8123.0
852	10.0	232610.0	-8058.0	69	9.7	22038.0	-8146.5	159	9.2	52237.0	-8112.5	249	10.0	75407.0	-8122.5
853	10.0	232801.0	-8014.0	70	9.2	22143.0	-8121.0	160	10.0	52429.0	-8156.5	250	10.0	75429.0	-8131.0
854	10.0	232856.0	-8052.5	71	9.5	22530.0	-8132.0	161	6.8	52434.0	-8140.0	251	10.1	75432.0	-8125.0
855	10.2	232903.0	-8042.0	72	9.8	22555.0	-8112.0	162	10.2	52455.0	-8132.5	252	7.8	75600.0	-8138.5
856	10.2	232924.0	-8041.5	73	9.0	23020.0	-8130.0	163	10.0	52706.0	-8111.5	253	10.0	75648.0	-8132.0
857	9.9	232935.0	-8044.5	74	10.0	23308.0	-8120.5	164	10.1	52709.0	-8157.0	254	6.9	75729.0	-8116.0
858	9.6	232942.0	-8024.0	75	10.0	23455.0	-8135.0	165	9.2	52911.0	-8105.0	255	9.5	75756.0	-8107.5
859	10.0	233012.0	-8029.5	76	9.2	23854.0	-8117.5	166	7.2	53323.0	-8108.5	256	10.0	80004.0	-8147.0
860	9.6	233056.0	-8027.5	77	9.5	24133.0	-8108.0	167	10.1	53338.0	-8113.0	257	9.9	80509.0	-8120.0
861	9.9	233225.0	-8028.0	78	9.4	24210.0	-8106.0	168	10.1	53354.0	-8113.5	258	10.1	80909.0	-8129.5
862	9.5	233345.0	-8054.5	79	8.5	24249.0	-8141.0	169	10.0	53641.0	-8111.5	259	9.7	81254.0	-8128.0
863	10.2	233405.0	-8031.0	80	10.0	25109.0	-8117.0	170	10.0	53656.0	-8135.0	260	10.0	81313.0	-8158.0
864	10.0	233525.0	-8049.5	81	9.2	25137.0	-8149.5	171	10.0	53838.0	-8151.0	261	9.4	81440.0	-8137.5
865	9.5	233733.0	-8037.5	82	9.5	25235.0	-8135.5	172	9.1	53915.0	-8140.0	262	10.0	81500.0	-8158.0
866	7.9	234342.0	-8035.5	83	10.0	25422.0	-8158.5	173	10.0	54109.0	-8150.0	263	9.8	81510.0	-8101.0
867	10.0	234753.0	-8052.0	84	9.3	25639.0	-8155.0	174	9.9	54159.0	-8139.0	264	8.0	81648.0	-8114.0
868	9.5	234803.0	-8013.0	85	10.0	25830.0	-8112.0	175	10.2	54338.0	-8132.0	265	10.0	81701.0	-8159.0
869	10.0	234957.0	-8010.0	86	9.4	25857.0	-8104.0	176	7.2	54813.0	-8140.0	266	9.6	81858.0	-8108.0
870	10.0	235015.0	-8054.0	87	10.0	25901.0	-8150.0	177	9.5	54918.0	-8152.5	267	9.5	81935.0	-8110.0
871	10.2	235336.0	-8058.0	88	10.2	30133.0	-8151.0	178	9.3	55439.0	-8109.5	268	9.7	81943.0	-8142.5
872	9.6	235514.0	-8032.0	89	10.2	30153.0	-8150.5	179	9.8	55619.0	-8105.5	269	9.9	82237.0	-8141.5
873	9.4	235845.0	-8039.0	90	9.0	30519.0	-8123.5	180	10.2	55628.0	-8115.0	270	10.0	82256.0	-8110.0
1	10.0	00444.0	-8145.0	91	8.6	30610.0	-8110.0	181	10.0	55810.0	-8144.0	271	9.2	82807.0	-8140.0
2	10.0	00542.0	-8138.0	92	7.6	30652.0	-8134.5	182	9.8	55939.0	-8124.0	272	9.6	83029.0	-8109.0
3	10.2	00552.0	-8112.5	93	10.0	30823.0	-8116.0	183	9.2	60010.0	-8158.0	273	10.1	83105.0	-8133.0
4	10.0	01547.0	-8136.0	94	10.1	30905.0	-8118.0	184	9.9	60223.0	-8127.0	274	9.7	83217.0	-8134.5
5	10.1	01617.0	-8112.0	95	9.1	31034.0	-8142.0	185	10.0	60434.0	-8155.5	275	10.0	83250.0	-8141.0
6	10.1	01748.0	-8106.0	96	8.9	31035.0	-8100.5	186	10.0	60552.0	-8108.0	276	9.7	83337.0	-8138.5
7	9.7	01913.0	-8144.5	97	10.0	31112.0	-8135.5	187	9.0	60644.0	-8157.0	277	10.0	83630.0	-8100.5
8	9.7	02031.0	-8131.5	98	9.2	31148.0	-8142.5	188	9.2	60741.0	-8133.5	278	9.6	83720.0	-8128.5
9	9.8	02108.0	-8150.5	99	9.5	31320.0	-8124.0	189	10.0	60834.0	-8118.0	279	10.2	83843.0	-8103.5
10	9.9	02131.0	-8149.0	100	9.2	31350.0	-8104.0	190	9.8	60844.0	-8123.0	280	10.0	84125.0	-8104.0
11	9.4	02425.0	-8155.0	101	9.0	31502.0	-8128.0	191	10.0	60910.0	-8128.0	281	10.0	84206.0	-8104.0
12	10.0	02516.0	-8151.5	102	10.0	31646.0	-8124.0	192	10.2	60957.0	-8144.5	282	10.0	84806.0	-8116.0
13	10.2	02546.0	-8142.0	103	9.1	32137.0	-8145.0	193	10.1	61111.0	-8130.5	283	9.0	84831.0	-8106.5
14	10.0	02648.0	-8102.0	104	8.4	32222.0	-8120.5	194	9.4	61202.0	-8106.0	284	9.3	85015.0	-8125.0
15	9.9	03057.0	-8121.0	105	9.3	32249.0	-8116.0	195	10.0	61207.0	-8118.5	285	9.5	85046.0	-8119.0
16	9.0	03144.0	-8158.0	106	10.2	32546.0	-8151.5	196	9.9	61315.0	-8140.5	286	9.8	85156.0	-8122.0
17	8.9	03430.0	-8152.0	107	10.0	32549.0	-8157.5	197	9.9	61350.0	-8103.0	287	10.0	85513.0	-8155.0
18	10.1	03502.0	-8134.0	108	9.0	33214.0	-8145.0	198	10.2	61512.0	-8135.0	288	9.2	85717.0	-8134.0
19	8.0	03612.0	-8120.5	109	9.0	33302.0	-8106.0	199	7.0	61821.0	-8101.5	289	10.0	90103.0	-8151.0
20	9.0	04000.0	-8101.0	110	7.7	33609.0	-8108.0	200	8.0	61845.0	-8157.0	290	8.6	90120.0	-8143.0
21	10.1	04908.0	-8153.0	111	10.0	34024.0	-8127.0	201	8.8	61954.0	-8100.5	291	10.0	90307.0	-8154.5
22	8.8	04910.0	-8102.0	112	9.3	34030.0	-8138.0	202	10.0	62230.0	-8144.5	292	9.8	90557.0	-8154.0
23	9.9	05133.0	-8126.5	113	9.5	34107.0	-8156.0	203	8.9	62417.0	-8129.5	293	9.5	90629.0	-8152.5
24	8.9	05145.0	-8120.5	114	8.3	34534.0	-8115.0	204	9.9	62527.0	-8114.0	294	8.6	90816.0	-8137.0
25	9.0	05336.0	-8123.0	115	9.0	34546.0	-8115.5	205	9.8	62528.0	-8122.5	295	9.3	91325.0	-8144.5
26	10.1	05422.0	-8109.5	116	9.3	34548.0	-8125.0	206	10.0	62616.0	-8152.5	296	7.8	91448.0	-8148.5
27	9.8	10322.0	-8111.5	117	10.2	34845.0	-8153.5	207	9.9	62811.0	-8125.0	297	8.9	91515.0	-8142.0
28	9.3	10527.0	-8114.5	118	10.2	34918.0	-8154.5	208	9.7	62843.0	-8134.0	298	9.9	91530.0	-8107.5
29	10.0	10751.0	-8152.5	119	10.0	34938.0	-8127.0	209	9.7	63247.0	-8102.5	299	10.0	91552.0	-8115.0
30	10.2	11042.0	-8121.5	120	10.0	35455.0	-8104.5	210	10.0	63600.0	-8118.0	300	7.7	91822.0	-8114.5
31	9.8	11102.0	-8129.5	121	10.1	35623.0	-8129.0	211	10.1	63638.0	-8130.5	301	8.9	92028.0	-8142.0
32	10.0	11148.0	-8131.0	122	10.0	40217.0	-8129.0	212	10.0	63836.0	-8123.0	302	9.3	92029.0	-8147.0
33	9.8	11230.0	-8126.0	123	9.0	40654.0	-8100.5	213	10.0	63854.0	-8139.0	303	9.9	92235.0	-8115.5
34	10.0	11343.0	-8130.0	124	9.5	40829.0	-8145.0	214	9.6	64115.0	-8105.0	304	10.0	92253.0	-8121.0
35	9.8	11645.0	-8128.0	125	10.0	40847.0	-8120.0	215	8.7	64900.0	-8133.0	305	9.4	92318.0	-8155.5
36	9.0	11704.0	-8153.0	126	9.3	41025.0	-8131.0	216	8.7	65023.0	-8119.5	306	9.6	92327.0	-8146.0
37	9.7	11738.0	-8129.0	127	10.0	41054.0	-8131.5	217	9.7	65046.0	-8101.5	307	9.9	92435.0	-8131.0
38	9.5	11814.0	-8136.0	128	10.2	41120.0	-8105.0	218	10.0	65426.0	-8130.0	308	10.0	92505.0	-8112.0
39	9.8	11835.0	-8140.5	129	10.2	41216.0	-8123.5	219	10.1	65934.0	-8116.0	309	9.8	92525.0	-8139.5
40	9.2	12027.0	-8140.0	130	9.6	41257.0	-8122.0	220	9.0	65952.0	-8156.0	310	10.1	92527.0	-8127.0

-81 511 9h26m

-81 670 17h32m

511	10.0	92614.0	-8117.0	401	10.0	110024.0	-8146.0	491	9.2	125435.0	-8125.0	581	10.0	151803.0	-8137.5
512	9.8	92638.0	-8110.5	402	9.8	110515.0	-8107.0	492	9.8	125843.0	-8155.5	582	10.1	151843.0	-8126.5
513	10.0	92755.0	-8104.5	403	9.8	110520.0	-8116.0	493	9.5	125908.0	-8136.0	583	9.7	152018.0	-8100.5
514	9.7	92830.0	-8150.0	404	9.5	110549.0	-8123.0	494	10.2	130034.0	-8128.0	584	9.5	152029.0	-8100.8
515	9.8	93109.0	-8154.5	405	9.5	110736.0	-8113.5	495	10.2	130308.0	-8153.5	585	10.0	152040.0	-8100.0
516	8.6	93225.0	-8109.0	406	10.2	110822.0	-8136.0	496	9.7	130350.0	-8128.5	586	10.1	152053.0	-8139.0
517	8.2	93243.0	-8117.5	407	10.1	111120.0	-8124.0	497	9.8	130420.0	-8155.0	587	10.0	152150.0	-8124.0
518	7.7	93510.0	-8142.5	408	10.2	111234.0	-8153.0	498	10.2	130550.0	-8118.5	588	10.0	152209.0	-8130.0
519	9.8	93538.0	-8155.0	409	10.0	111310.0	-8132.0	499	9.8	130920.0	-8107.5	589	9.8	152226.0	-8126.5
520	10.0	93545.0	-8128.5	410	10.2	111412.0	-8119.0	500	9.9	130956.0	-8109.0	590	10.0	152327.0	-8138.5
521	8.8	93608.0	-8107.0	411	9.7	111715.0	-8142.0	501	9.2	131150.0	-8108.5	591	9.8	152336.0	-8117.5
522	9.6	93641.0	-8103.0	412	9.9	111853.0	-8153.0	502	9.5	131225.0	-8104.0	592	9.5	152648.0	-8137.5
523	9.0	93712.0	-8151.0	413	8.8	111945.0	-8131.5	503	9.3	131623.0	-8143.0	593	9.5	152718.0	-8140.0
524	9.8	93850.0	-8154.5	414	9.5	111947.0	-8124.0	504	9.8	131954.0	-8137.5	594	10.0	152915.0	-8156.5
525	10.1	94028.0	-8118.5	415	9.3	111949.0	-8117.0	505	9.0	132521.0	-8116.5	595	10.0	153003.0	-8139.0
526	8.6	94130.0	-8111.0	416	8.8	112350.0	-8150.0	506	9.8	133036.0	-8144.5	596	10.1	153038.0	-8156.0
527	10.0	94131.5	-8141.5	417	9.4	112408.0	-8122.5	507	8.9	133142.0	-8108.5	597	10.0	153341.0	-8110.0
528	6.8	94234.0	-8108.5	418	10.1	112432.0	-8121.5	508	10.0	133459.0	-8132.0	598	10.0	153448.0	-8104.0
529	10.0	94805.0	-8114.0	419	9.5	112509.0	-8133.0	509	9.0	133619.0	-8109.5	599	10.2	153502.0	-8103.5
530	9.8	94820.0	-8147.5	420	10.0	112535.0	-8118.0	510	10.1	133736.0	-8157.0	600	9.2	153607.0	-8108.5
531	10.1	94953.0	-8114.0	421	10.0	113121.0	-8131.0	511	10.0	133814.0	-8131.0	601	9.5	153647.0	-8131.5
532	9.4	95022.0	-8156.0	422	9.0	113430.0	-8138.0	512	10.2	133820.0	-8107.0	602	9.5	153719.0	-8104.0
533	10.0	95318.0	-8127.0	423	10.0	113815.0	-8117.0	513	9.8	134133.0	-8148.0	603	9.4	154140.0	-8110.0
534	9.8	95322.0	-8100.5	424	10.2	113816.0	-8109.5	514	10.1	134248.0	-8141.0	604	10.0	154146.0	-8144.5
535	9.8	95344.0	-8101.5	425	10.0	113907.0	-8136.0	515	10.0	134533.0	-8151.0	605	10.1	154246.0	-8111.5
536	10.0	95355.0	-8122.0	426	10.0	113929.0	-8153.5	516	9.1	134626.0	-8119.5	606	10.0	154322.0	-8108.0
537	9.9	95541.0	-8104.0	427	10.1	114009.0	-8149.0	517	8.8	134722.0	-8114.6	607	10.2	154339.0	-8139.0
538	9.8	95609.0	-8142.5	428	9.8	114016.0	-8103.5	518	10.2	134735.0	-8130.5	608	9.8	154441.0	-8135.0
539	10.0	95724.0	-8132.0	429	10.0	114020.0	-8157.5	519	9.5	134857.0	-8146.0	609	9.0	154551.0	-8159.5
540	8.4	95959.0	-8114.0	430	10.0	114045.0	-8104.0	520	9.5	134918.0	-8153.5	610	10.0	154914.0	-8110.0
541	9.0	100243.0	-8130.5	431	9.2	114305.0	-8145.0	521	10.0	135001.0	-8131.0	611	10.0	155054.0	-8131.0
542	9.2	100258.0	-8136.5	432	9.5	114324.0	-8106.5	522	10.0	135009.0	-8113.5	612	9.8	155121.0	-8127.0
543	9.9	100303.0	-8130.5	433	9.2	114620.0	-8104.5	523	9.5	135409.0	-8140.0	613	9.0	155153.0	-8136.0
544	9.8	100336.0	-8151.5	434	9.2	114738.0	-8136.0	524	10.2	135514.0	-8129.5	614	9.9	155212.0	-8120.5
545	6.0	100359.0	-8136.5	435	9.8	114756.0	-8130.5	525	10.1	135655.0	-8149.0	615	10.1	155214.0	-8142.0
546	9.3	100429.0	-8105.5	436	10.1	114950.0	-8115.0	526	8.6	135717.0	-8111.0	616	9.0	155233.0	-8135.0
547	10.0	100455.0	-8153.0	437	8.6	115200.0	-8150.0	527	10.0	140029.0	-8103.5	617	9.7	155235.0	-8150.0
548	9.8	100518.0	-8127.0	438	10.0	115312.0	-8138.5	528	9.0	140306.0	-8118.5	618	9.8	155643.0	-8143.0
549	10.0	100526.0	-8138.0	439	10.0	115340.0	-8154.0	529	10.5	140325.0	-8128.5	619	10.2	160031.0	-8149.5
550	10.0	100550.0	-8149.5	440	10.0	115417.0	-8103.5	530	9.1	140732.0	-8139.0	620	10.1	160104.0	-8128.0
551	10.1	100633.0	-8159.5	441	10.0	115442.0	-8113.5	531	9.9	141009.0	-8144.0	621	10.0	160214.0	-8141.0
552	7.5	100649.0	-8154.0	442	10.1	115509.0	-8152.0	532	10.0	141048.0	-8113.0	622	7.4	160401.0	-8139.0
553	9.5	100653.0	-8130.5	443	9.1	115514.0	-8151.5	533	9.9	141330.0	-8155.0	623	9.0	160452.0	-8114.0
554	10.0	100840.0	-8122.0	444	9.8	115545.0	-8146.5	534	9.5	141514.0	-8153.0	624	10.1	160701.0	-8139.5
555	10.0	100914.0	-8159.5	445	9.7	115659.0	-8122.0	535	10.2	141518.0	-8133.5	625	10.2	160833.0	-8134.0
556	9.9	100956.0	-8131.5	446	9.3	115706.0	-8109.5	536	10.1	141544.0	-8119.0	626	9.4	160950.0	-8103.0
557	10.2	101035.0	-8155.5	447	8.6	115820.0	-8134.0	537	9.9	141548.0	-8114.0	627	9.9	161008.0	-8135.5
558	10.0	101225.0	-8156.0	448	10.1	120439.0	-8109.0	538	8.9	141655.0	-8124.5	628	10.0	161219.0	-8136.0
559	9.8	101355.0	-8143.5	449	9.2	120748.0	-8112.5	539	9.0	141657.0	-8113.0	629	10.0	161410.0	-8124.5
560	9.9	101359.0	-8159.0	450	10.0	120830.0	-8143.5	540	9.5	141941.0	-8149.0	630	9.9	161620.0	-8110.0
561	9.7	101430.0	-8132.0	451	10.2	121151.0	-8143.5	541	10.0	142226.0	-8113.0	631	9.6	161925.0	-8131.0
562	10.1	101530.0	-8118.5	452	9.2	121244.0	-8156.0	542	10.0	142233.0	-8157.0	632	10.1	162121.0	-8110.0
563	9.8	101540.0	-8110.5	453	10.0	121323.0	-8142.0	543	9.1	142256.0	-8141.0	633	10.2	162912.0	-8126.0
564	9.8	101610.0	-8153.0	454	10.1	121509.0	-8106.0	544	9.7	142446.0	-8114.0	634	8.5	162912.0	-8121.5
565	9.6	101716.0	-8147.0	455	9.9	121555.0	-8154.0	545	9.9	142529.0	-8146.0	635	9.1	163014.0	-8143.5
566	9.1	101854.0	-8156.5	456	9.8	121724.0	-8145.5	546	10.0	142612.0	-8117.0	636	9.3	163455.0	-8142.5
567	9.9	102015.0	-8104.5	457	9.8	121731.0	-8144.0	547	9.0	142614.0	-8131.0	637	9.5	163543.0	-8154.0
568	9.4	102017.0	-8112.0	458	9.1	121739.0	-8125.0	548	10.1	142737.0	-8142.0	638	9.1	163726.0	-8136.5
569	7.3	102135.0	-8101.0	459	9.2	121829.0	-8121.0	549	9.0	142930.0	-8132.0	639	9.3	163813.0	-8113.5
570	10.0	102211.0	-8147.5	460	9.2	122034.0	-8159.5	550	9.4	143013.0	-8156.0	640	9.5	163853.0	-8111.5
571	9.8	102320.0	-8107.5	461	9.6	122040.0	-8152.5	551	10.0	143350.0	-8117.5	641	10.0	163901.0	-8108.0
572	10.0	102324.0	-8159.0	462	9.8	122105.0	-8129.0	552	9.0	143408.0	-8118.0	642	9.5	164452.0	-8149.5
573	9.7	102400.0	-8135.0	463	9.4	122156.0	-8147.0	553	9.0	143433.0	-8120.0	643	9.0	164525.0	-8108.0
574	9.0	102725.0	-8147.5	464	9.7	122436.0	-8145.0	554	9.1	143529.0	-8143.0	644	9.9	164800.0	-8138.0
575	9.9	102810.0	-8151.0	465	10.0	122608.0	-8128.0	555	10.2	143603.0	-8136.0	645	9.9	164805.0	-8128.0
576	10.0	103136.0	-8135.5	466	9.5	122709.0	-8119.0	556	9.8	143647.0	-8112.0	646	10.0	165207.0	-8133.5
577	10.0	103145.0	-8129.5	467	9.7	122834.0	-8126.0	557	9.6	143948.0	-8159.0	647	9.7	165220.0	-8128.0
578	9.6	103217.0	-8117.0	468	9.5	122907.0	-8137.5	558	10.0	144022.0	-8144.0	648	9.5	165335.0	-8123.5
579	7.5	103232.0	-8116.5	469	10.0	122923.0	-8155.5	559	9.8	144640.0	-8121.5	649	9.5	165336.0	-8115.5
580	9.8	103315.0	-8108.5	470	9.9	122949.0	-8154.0	560	10.0	144905.0	-8136.0	650	9.0	165356.0	-8101.0
581	10.1	103351.0	-8123.0	471	10.0	123003.0	-8122.0	561	9.7	145112.0	-8137.0	651	10.0	165643.0	-8107.0
582	8.8	103419.0	-8139.0	472	10.0	123308.0	-8108.0	562	9.8	145320.0	-8146.0	652	9.6	165731.0	-8137.0
583	9.0	103657.0	-8159.0	473	9.5	123337.0	-8100.0	563	9.9	145431.0	-8144.0	653	9.8	170041.0	-8139.5
584	9.2	103741.0	-8138.0	474	9.0	123338.0	-8121.5	564	10.0	145720.0	-8136.0	654	10.0	170552.0	-8136.0
585	9.0	103821.0	-8134.0	475	10.0	123423.0	-8147.5	565	10.0	145726.0	-8144.0	655	9.3	170601.0	-8129.0
586	10.1	103853.0	-8102.5	476	9.4	123424.0	-8120.0	566	9.5	145804.0	-8138.0	656	10.0	170657.0	-8112.5
587	10.0	104015.0	-8110.5	477	10.2	123523.0	-8115.5	567	10.2	150023.0	-8159.0	657	10.0	170835.0	-8144.5
588	10.0	104102.0	-8109.5	478	9.5	123619.0	-8122.5	568	10.0	150107.0	-8101.5	658	9.8	170854.0	-8133.5
589	10.0	104111.0	-8105.0	479	9.8	123750.0	-8108.0	569	8.8	150309.0	-8125.0	659	10.0	170903.0	-8100.0
590	9.9	104117.0	-8129.5	480	9.2	123810.0	-8159.0	570	10.0	150549.0	-8104.0	660	9.7	170938.0	-8125.0
591	8.3	104222.0	-8123.0	481	10.0	124135.0	-8142.0	571	9.9	150554.0	-8115.0	661	9.2	171000.0	-8110.0
592	8.8	104324.0	-8139.5	482	9.5	124230.0	-8111.5	572	9.7	151156.0	-8117.5	662	9.9	171233.0	-8143.0
593	9.0	104508.0	-8139.5	483	10.0	124310.0	-8104.5	573	9.3	151304.0	-8148.0	663	10.0	171237.0	-8138.5
594	10.1	104639.0	-8102.0	484	9.2	124420.0	-8155.5	574	9.7	151320.0	-8155.0	664	10.0	172035.0	-8157.5
595	10.0	104739.0	-8133.0	485	9.8	124538.0	-8142.0	575	10.0	151444.0	-8121.0	665	10.2	172041.0	-8106.5
596	9.1	104925.0	-8137.0	486	9.9	124652.0	-8141.5	576	10.1	151456.0	-8115.5	666	8.9	172240.0	-8149.5
597	10.0	105455.0	-8149.0	487	9.0	124712.0	-8144.0	577	8.9	151509.0	-8117.5	667	9.8	172623.0	-8138.0
598	8.1	105723.0	-8154.5	488	9.9	124832.0	-8126.0	578	10.0	151555.0	-8106.0	668	9.9	172902.0	-8130.0
599	9.0	105957.0	-8137.0	489	10.0	124852.0	-8129.0	579	9.1	151555.0	-8143.5	669	10.2	173220.0	-8126.0
600	9.3	110017.0	-8157.0	490	9.0	125110.0	-8158.0	580	10.0	151710.0	-8111.0	670	10.0	173236.0	-8127.0

671	7.3	173320.0	-8124.5	761	10.2	200411.0	-8149.0	851	9.8	223353.0	-8123.5	46	8.8	24358.0	-8200.1
672	10.0	173500.0	-8153.5	762	9.4	200543.0	-8157.0	852	10.0	223606.0	-8111.0	47	9.4	25059.0	-8200.1
673	7.0	174027.0	-8128.0	763	10.0	200618.0	-8137.0	853	9.3	223840.0	-8148.0	48	9.6	25247.0	-8234.7
674	8.8	174512.0	-8125.0	764	10.2	200724.0	-8125.0	854	9.4	223916.0	-8159.0	49	9.8	25910.0	-8238.8
675	9.0	174806.0	-8140.0	765	9.2	200812.0	-8107.0	855	10.0	224001.0	-8114.0	50	9.4	30147.0	-8203.4
676	9.9	174849.0	-8150.0	766	6.3	201220.0	-8122.0	856	9.5	224416.0	-8153.0	51	9.5	30328.0	-8244.5
677	10.0	174902.0	-8136.5	767	9.7	201343.0	-8119.0	857	10.1	224423.0	-8107.5	52	9.2	30551.0	-8215.0
678	10.0	174923.0	-8141.5	768	8.8	201502.0	-8157.0	858	9.0	224525.0	-8146.5	53	9.1	30848.0	-8223.1
679	9.2	174926.0	-8151.0	769	9.5	201542.0	-8138.0	859	9.8	225555.0	-8152.0	54	9.8	30923.0	-8252.5
680	10.0	175025.0	-8133.5	770	6.5	201701.0	-8142.5	860	9.3	225702.0	-8156.0	55	9.6	31633.0	-8237.8
681	10.1	175244.0	-8120.0	771	10.1	201835.0	-8135.5	861	9.3	225943.0	-8125.0	56	9.2	31714.0	-8216.9
682	10.0	175338.0	-8140.0	772	9.4	202053.0	-8118.5	862	7.0	230139.0	-8135.5	57	9.7	32324.0	-8242.8
683	8.9	175509.0	-8110.0	773	9.9	202125.0	-8142.0	863	9.3	230309.0	-8119.0	58	9.7	32449.0	-8225.2
684	9.5	175745.0	-8102.0	774	10.2	202224.0	-8113.0	864	10.2	230419.0	-8100.5	59	9.8	32629.0	-8243.0
685	9.3	175803.0	-8111.0	775	10.1	202324.0	-8115.5	865	8.6	230543.0	-8126.5	60	9.5	32655.0	-8213.0
686	10.2	175940.0	-8110.5	776	10.1	202427.0	-8126.5	866	9.5	230612.0	-8121.0	61	9.7	32813.0	-8228.9
687	9.8	180130.0	-8152.0	777	9.9	202438.0	-8132.0	867	8.2	230614.0	-8112.0	62	9.0	32823.0	-8211.4
688	10.1	180408.0	-8117.5	778	10.0	202445.0	-8122.0	868	8.9	230731.0	-8104.5	63	8.1	33020.0	-8241.9
689	9.0	180516.0	-8149.0	779	10.2	202528.0	-8139.0	869	8.3	230759.0	-8106.5	64	8.0	33201.0	-8254.7
690	9.0	180721.0	-8124.5	780	10.0	202753.0	-8126.0	870	10.0	231135.0	-8126.0	65	9.8	33217.0	-8208.3
691	10.1	181146.0	-8105.0	781	9.5	202831.0	-8137.0	871	10.2	231446.0	-8127.5	66	9.2	33411.0	-8249.8
692	9.5	181523.0	-8134.0	782	10.0	203400.0	-8133.5	872	9.2	231556.0	-8111.5	67	8.9	33753.0	-8243.3
693	6.3	181632.0	-8154.0	783	8.4	203907.0	-8105.5	873	9.7	231617.0	-8158.0	68	9.6	34121.0	-8204.7
694	9.8	181713.0	-8113.0	784	10.2	203958.0	-8124.5	874	9.1	231800.0	-8100.5	69	9.1	34645.0	-8242.6
695	10.0	181750.0	-8133.0	785	10.1	204040.0	-8130.0	875	9.9	232025.0	-8119.0	70	9.8	35018.0	-8204.7
696	10.2	181851.0	-8156.5	786	9.5	204046.0	-8114.0	876	7.4	232301.0	-8131.0	71	8.9	35046.0	-8210.9
697	9.0	182457.0	-8123.0	787	9.1	204054.0	-8140.0	877	9.0	232338.0	-8148.0	72	9.6	35200.0	-8221.6
698	9.5	182629.0	-8134.0	788	10.2	204444.0	-8117.0	878	9.1	232415.0	-8125.0	73	9.8	35240.0	-8203.3
699	10.2	182830.0	-8127.0	789	8.0	204519.0	-8152.5	879	10.0	232612.0	-8144.0	74	9.3	35252.0	-8252.2
700	10.0	182858.0	-8148.5	790	7.3	204747.0	-8110.5	880	10.2	232631.0	-8143.0	75	9.7	35347.0	-8226.5
701	9.5	182945.0	-8142.0	791	9.5	204935.0	-8121.5	881	9.2	233030.0	-8157.0	76	9.6	35540.0	-8207.2
702	10.0	183425.0	-8123.5	792	10.0	205245.0	-8112.0	882	10.0	233048.0	-8107.0	77	9.3	40046.0	-8227.5
703	10.0	183437.0	-8117.5	793	9.8	205303.0	-8154.0	883	9.2	233307.0	-8114.5	78	9.4	40431.0	-8241.0
704	9.5	183446.0	-8134.0	794	9.0	205419.0	-8150.5	884	10.0	233810.0	-8144.5	79	9.7	40804.0	-8229.4
705	9.5	183615.0	-8111.0	795	9.8	205805.0	-8132.0	885	9.5	234003.0	-8122.0	80	9.8	41105.0	-8239.3
706	10.0	184005.0	-8110.0	796	10.0	205953.0	-8145.5	886	10.1	234012.0	-8119.5	81	9.8	41420.0	-8253.0
707	9.0	184148.0	-8159.0	797	9.7	210050.0	-8102.5	887	10.1	234012.0	-8103.5	82	9.4	41932.0	-8236.0
708	7.8	184715.0	-8135.5	798	9.5	210211.0	-8120.0	888	9.3	234345.0	-8134.5	83	9.4	42100.0	-8209.9
709	9.0	184928.0	-8124.0	799	9.7	210450.0	-8104.5	889	8.4	234624.0	-8102.0	84	9.8	42302.0	-8253.8
710	10.2	184944.0	-8136.0	800	9.0	210632.0	-8103.0	890	9.5	235210.0	-8149.0	85	9.7	42439.0	-8237.9
711	9.4	185431.0	-8109.0	801	9.0	210635.0	-8124.0	891	8.3	235341.0	-8122.0	86	9.5	43131.0	-8229.8
712	10.0	185513.0	-8120.5	802	8.3	210850.0	-8113.0	892	9.5	235531.0	-8159.0	87	8.6	43332.0	-8203.1
713	9.5	185613.0	-8127.0	803	10.0	211320.0	-8137.0	893	10.2	235600.0	-8107.0	88	9.7	44223.0	-8212.1
714	9.3	185633.0	-8102.0	804	10.0	211402.0	-8150.0	894	9.5	235719.0	-8112.5	89	9.7	44450.0	-8219.1
715	9.1	185645.0	-8126.0	805	9.0	211801.0	-8108.0	895	8.0	235738.0	-8105.5	90	9.6	44558.0	-8210.5
716	10.1	185758.0	-8140.5	806	9.0	211816.0	-8125.0	1	9.2	00019.0	-8253.5	91	9.8	44855.0	-8254.6
717	10.1	185815.0	-8154.5	807	9.4	211915.0	-8105.0	2	9.4	00111.0	-8210.9	92	9.3	45024.0	-8249.1
718	9.9	185908.0	-8117.5	808	9.3	212036.0	-8153.0	3	9.1	00356.0	-8202.7	93	9.8	45541.0	-8248.1
719	9.1	185923.0	-8140.0	809	9.2	212144.0	-8102.5	4	5.3	00419.0	-8255.2	94	8.5	45723.0	-8243.8
720	9.0	185933.0	-8145.0	810	9.3	212238.0	-8114.0	5	9.5	00835.0	-8248.1	95	9.5	50015.0	-8207.3
721	9.0	185937.0	-8136.0	811	10.0	212500.0	-8130.5	6	9.6	01558.0	-8218.4	96	9.5	50344.0	-8213.3
722	9.0	190213.0	-8146.0	812	10.1	212739.0	-8105.0	7	9.2	01637.0	-8222.2	97	9.6	50623.0	-8216.2
723	8.5	190716.0	-8108.5	813	9.2	213158.0	-8148.0	8	9.7	01934.0	-8207.6	98	8.9	50627.0	-8239.8
724	8.0	190826.0	-8146.0	814	9.9	213339.0	-8136.0	9	9.8	02022.0	-8226.7	99	9.6	50754.0	-8208.5
725	9.3	190919.0	-8138.5	815	9.2	213804.0	-8110.5	10	9.1	02843.0	-8220.8	100	5.8	51310.0	-8238.1
726	10.0	191103.0	-8103.0	816	9.0	213943.0	-8133.5	11	9.6	03038.0	-8242.4	101	9.8	51438.0	-8239.7
727	8.8	191236.0	-8130.0	817	9.3	214223.0	-8146.5	12	9.2	04055.0	-8235.4	102	9.6	51723.0	-8240.1
728	9.1	191246.0	-8152.5	818	9.0	214501.0	-8137.5	13	9.5	04256.0	-8237.8	103	9.3	52006.0	-8242.3
729	9.7	191337.0	-8106.5	819	8.8	214902.0	-8113.5	14	9.6	05450.0	-8234.4	104	9.8	52233.0	-8208.4
730	9.3	191543.0	-8133.5	820	10.0	215153.0	-8132.0	15	9.6	10321.0	-8242.1	105	9.8	52245.0	-8223.7
731	9.8	191858.0	-8159.0	821	10.1	215435.0	-8138.0	16	7.9	10601.0	-8219.0	106	9.2	52345.0	-8250.4
732	9.5	192118.0	-8144.0	822	10.1	215603.0	-8133.0	17	9.8	10607.0	-8251.8	107	9.8	52359.0	-8204.9
733	10.1	192422.0	-8116.0	823	9.9	220120.0	-8107.0	18	9.3	10743.0	-8244.4	108	9.5	52440.0	-8224.9
734	10.0	192539.0	-8155.0	824	10.1	220305.0	-8111.0	19	9.6	10829.0	-8227.3	109	9.7	52559.0	-8206.1
735	10.2	192600.0	-8129.0	825	9.0	220320.0	-8104.5	20	9.5	10949.0	-8202.5	110	9.3	52651.0	-8229.5
736	9.9	192613.0	-8118.0	826	9.3	220343.0	-8100.5	21	9.7	10949.0	-8235.2	111	9.8	53551.0	-8219.6
737	8.7	192726.0	-8134.0	827	9.3	220405.0	-8136.0	22	8.2	11642.0	-8212.0	112	9.8	53856.0	-8242.3
738	9.4	192924.0	-8134.0	828	10.1	220505.0	-8148.0	23	9.4	13022.0	-8228.0	113	9.9	54157.0	-8204.6
739	9.0	193022.0	-8100.5	829	10.1	220511.0	-8141.5	24	9.4	13035.0	-8240.8	114	9.5	54410.0	-8233.0
740	10.0	193053.0	-8129.5	830	10.0	220537.0	-8119.0	25	9.5	13100.0	-8251.3	115	9.8	55023.0	-8233.2
741	6.9	193251.0	-8139.5	831	5.6	220553.0	-8103.5	26	9.6	13606.0	-8220.5	116	9.8	55108.0	-8258.1
742	9.8	193443.0	-8140.5	832	9.5	220633.0	-8116.0	27	9.1	13629.0	-8203.5	117	9.5	55739.0	-8210.0
743	8.6	193734.0	-8153.0	833	9.8	220638.0	-8110.5	28	7.2	13955.0	-8254.8	118	9.4	55927.0	-8241.3
744	8.8	193812.0	-8134.0	834	9.2	220644.0	-8104.5	29	9.8	14357.0	-8235.3	119	9.5	60112.0	-8209.3
745	10.0	194103.0	-8122.5	835	9.8	220944.0	-8116.0	30	9.6	14707.0	-8222.2	120	8.5	60126.0	-8226.7
746	9.4	194135.0	-8115.0	836	9.8	221046.0	-8121.0	31	9.5	15255.0	-8200.6	121	9.2	60717.0	-8251.4
747	10.2	194409.0	-8139.0	837	10.0	221240.0	-8157.0	32	9.6	15419.0	-8247.9	122	9.5	61511.0	-8247.5
748	9.0	194434.0	-8138.5	838	9.7	221403.0	-8135.5	33	7.0	15941.0	-8206.3	123	9.0	62010.0	-8233.1
749	9.0	194645.0	-8147.0	839	10.0	221601.0	-8141.0	34	9.6	20111.0	-8241.0	124	7.7	62128.0	-8200.0
750	9.7	194711.0	-8100.0	840	10.0	221626.0	-8140.7	35	9.7	20210.0	-8231.3	125	7.5	62244.0	-8206.6
751	10.0	194846.0	-8129.5	841	9.0	221741.0	-8120.0	36	8.4	20247.0	-8253.8	126	9.9	62300.0	-8238.2
752	9.0	195039.0	-8112.0	842	9.8	221941.0	-8118.0	37	9.6	20650.0	-8237.9	127	9.4	63213.0	-8208.2
753	10.0	195134.0	-8136.5	843	9.4	222237.0	-8154.0	38	7.9	20938.0	-8253.5	128	9.5	63413.0	-8212.8
754	10.0	195710.0	-8122.0	844	9.4	222433.0	-8134.0	39	9.7	21551.0	-8211.8	129	7.5	63420.0	-8253.5
755	10.1	195811.0	-8157.5	845	9.3	222517.0	-8113.0	40	9.7	21853.0	-8215.9	130	9.8	64026.0	-8220.5
756	10.1	195824.0	-8126.0	846	9.0	222551.0	-8104.5	41	9.0	22709.0	-8206.8	131	9.8	64650.0	-8209.2
757	8.7	195825.0	-8159.0	847	10.0	222638.0	-8157.0	42	8.8	23326.0	-8234.3	132	9.8	64920.0	-8230.9
758	9.4	195900.0	-8113.0	848	9.0	222704.0	-8131.0	43	9.4	23548.0	-8228.0	133	9.9	65010.0	-8232.1
759	8.7	195924.0	-8139.0	849	9.0	222920.0	-8135.0	44	8.9	24000.0	-8202.1	134	9.7	65111.0	-8227.4
760	9.5	195948.0	-8116.0	850	10.0	223054.0	-8137.0	45	7.5	24205.0	-8246.1	135	9.5	65357.0	-8255.2

-82 136 6h54m

-83 111 6h52m

136	9.8	65416.0	-8214.7	226	8.8	114852.0	-8234.7	316	9.7	184341.0	-8256.4	22	5.9	14119.0	-8336.6
137	8.7	65938.0	-8201.5	227	9.3	115320.0	-8226.8	317	9.6	184850.0	-8232.4	23	7.4	14224.0	-8352.5
138	8.1	70017.0	-8244.2	228	9.5	115644.0	-8205.6	318	9.5	185112.0	-8202.7	24	9.2	14425.0	-8324.9
139	9.5	72721.0	-8202.1	229	9.6	120404.0	-8201.6	319	9.6	185548.0	-8218.6	25	7.5	14743.0	-8359.4
140	9.4	73218.0	-8219.7	230	8.7	120505.0	-8239.7	320	9.0	185648.0	-8200.2	26	9.5	14810.0	-8322.5
141	9.3	73458.0	-8221.3	231	8.7	120620.0	-8202.5	321	7.2	191019.0	-8200.0	27	8.2	15043.0	-8317.6
142	9.5	73919.0	-8204.8	232	9.2	121401.0	-8237.6	322	9.5	191353.0	-8252.3	28	9.5	15123.0	-8301.4
143	9.3	74037.0	-8256.2	233	9.3	123322.0	-8200.6	323	9.0	192120.0	-8256.7	29	9.5	20445.0	-8308.5
144	9.9	74140.0	-8238.3	234	9.3	123403.0	-8202.9	324	8.8	192651.0	-8255.5	30	7.9	20530.0	-8306.4
145	9.2	74353.0	-8222.1	235	9.3	123502.0	-8258.4	325	8.7	192731.0	-8227.0	31	9.7	20828.0	-8356.2
146	9.0	74536.0	-8210.7	236	9.1	123503.0	-8208.0	326	9.6	193108.0	-8211.9	32	9.0	20905.0	-8319.9
147	8.9	74747.0	-8242.1	237	9.5	123707.0	-8257.7	327	9.3	193125.0	-8241.4	33	9.5	21143.0	-8356.6
148	9.6	74750.0	-8229.1	238	9.2	124332.0	-8229.6	328	9.6	193303.0	-8220.6	34	9.6	21746.0	-8352.5
149	7.9	75226.0	-8216.3	239	9.2	125240.0	-8221.3	329	9.6	193518.0	-8218.6	35	9.3	21955.0	-8328.2
150	8.0	75334.0	-8201.5	240	8.0	125433.0	-8216.6	330	8.8	194626.0	-8204.4	36	9.4	22126.0	-8320.9
151	10.0	75426.0	-8217.8	241	8.9	125636.0	-8202.9	331	8.5	194913.0	-8222.6	37	9.4	22158.0	-8305.1
152	9.9	75527.0	-8207.7	242	9.0	132543.0	-8206.5	332	9.5	195447.0	-8204.0	38	9.5	22241.0	-8307.5
153	9.3	80841.0	-8214.5	243	9.5	132615.0	-8244.4	333	9.6	195621.0	-8236.8	39	8.0	22621.0	-8331.2
154	9.9	82103.0	-8243.8	244	9.5	132631.0	-8257.8	334	9.2	195807.0	-8201.6	40	8.8	22924.0	-8302.1
155	10.0	82200.0	-8257.4	245	9.6	132650.0	-8240.8	335	9.5	200310.0	-8209.9	41	9.6	23103.0	-8357.7
156	9.8	82956.0	-8226.1	246	9.5	133540.0	-8244.1	336	9.6	200951.0	-8219.4	42	9.7	23650.0	-8348.6
157	9.9	83000.0	-8239.3	247	9.6	133628.0	-8258.2	337	9.0	201208.0	-8200.1	43	9.6	24956.0	-8350.9
158	9.6	83221.0	-8255.9	248	9.0	133714.0	-8256.0	338	8.9	201233.0	-8241.9	44	9.8	25304.0	-8306.0
159	9.5	83455.0	-8255.7	249	9.4	133937.0	-8212.0	339	9.6	201324.0	-8254.4	45	9.6	25416.0	-8305.9
160	9.9	83505.0	-8244.0	250	6.0	133953.0	-8202.6	340	9.5	201633.0	-8244.7	46	9.4	25628.0	-8333.2
161	9.8	83641.0	-8258.9	251	8.8	134625.0	-8218.6	341	9.1	202544.0	-8242.6	47	9.8	30528.0	-8317.0
162	10.0	83711.0	-8220.8	252	9.5	135842.0	-8257.5	342	9.2	202748.0	-8242.5	48	9.5	30739.0	-8337.3
163	8.9	84229.0	-8210.5	253	8.4	140235.0	-8241.6	343	9.7	203134.0	-8208.8	49	9.8	30852.0	-8335.9
164	7.2	84355.0	-8207.5	254	9.4	140348.0	-8249.3	344	9.5	203825.0	-8255.8	50	9.8	31037.0	-8315.1
165	9.9	84444.0	-8243.8	255	8.0	140605.0	-8216.1	345	8.8	203903.0	-8241.4	51	8.9	31231.0	-8349.0
166	9.9	84633.0	-8233.6	256	9.7	140758.0	-8256.9	346	9.6	204220.0	-8204.6	52	9.8	31340.0	-8329.7
167	9.5	85004.0	-8211.0	257	9.0	141612.0	-8233.6	347	8.7	204407.0	-8259.2	53	8.9	31501.0	-8332.4
168	9.8	85148.0	-8224.4	258	9.5	142725.0	-8243.8	348	9.1	204438.0	-8259.9	54	9.4	31614.0	-8334.1
169	9.5	85713.0	-8208.1	259	9.3	143035.0	-8207.0	349	7.0	204806.0	-8230.9	55	9.8	31722.0	-8308.9
170	9.5	85915.0	-8216.0	260	9.3	143303.0	-8209.4	350	9.7	204834.0	-8254.8	56	9.6	31742.0	-8356.0
171	9.6	90121.0	-8241.0	261	9.0	143437.0	-8223.9	351	9.6	204920.0	-8226.2	57	7.6	32246.0	-8359.3
172	9.6	90305.0	-8245.8	262	6.5	144005.0	-8243.1	352	8.2	205902.0	-8243.0	58	9.5	32458.0	-8306.0
173	9.2	90358.0	-8210.8	263	9.4	144037.0	-8227.5	353	9.3	210545.0	-8210.7	59	9.7	32558.0	-8356.2
174	9.4	90427.0	-8239.2	264	9.5	144122.0	-8230.4	354	9.6	210551.0	-8232.1	60	9.6	32601.0	-8343.8
175	9.6	90551.0	-8233.6	265	9.5	144311.0	-8225.7	355	8.8	210807.0	-8229.6	61	9.6	32836.0	-8358.6
176	9.6	90658.0	-8243.6	266	7.0	144313.0	-8231.9	356	9.6	211031.0	-8246.6	62	8.7	33620.0	-8337.8
177	9.3	90731.0	-8208.5	267	9.6	145818.0	-8259.0	357	9.6	211524.0	-8209.0	63	9.6	34227.0	-8347.7
178	9.7	90948.0	-8238.1	268	9.5	150006.0	-8245.9	358	7.7	211536.0	-8228.1	64	9.6	34318.0	-8343.7
179	9.8	91156.0	-8231.0	269	9.7	150050.0	-8200.7	359	9.5	213030.0	-8241.6	65	9.6	34517.0	-8344.5
180	9.7	91514.0	-8242.2	270	8.9	151450.0	-8248.0	360	9.6	213525.0	-8252.9	66	9.2	35104.0	-8350.3
181	8.9	91652.0	-8220.3	271	9.3	151631.0	-8226.0	361	9.6	213554.0	-8259.6	67	9.5	35123.0	-8340.2
182	10.0	92002.0	-8234.9	272	9.1	151951.0	-8214.4	362	8.5	213640.0	-8215.4	68	9.6	35315.0	-8357.8
183	9.4	92317.0	-8249.9	273	8.9	152113.0	-8216.3	363	9.7	214640.0	-8223.9	69	9.4	40352.0	-8325.4
184	9.9	93108.0	-8207.9	274	9.4	152217.0	-8234.9	364	9.2	215605.0	-8231.9	70	9.0	40554.0	-8345.4
185	9.7	93237.0	-8240.5	275	9.7	152342.0	-8222.4	365	9.8	215632.0	-8208.9	71	8.5	40637.0	-8322.7
186	9.0	93513.0	-8257.8	276	9.6	154246.0	-8222.5	366	9.6	215740.0	-8208.3	72	9.8	40925.0	-8324.0
187	9.8	93946.0	-8227.8	277	9.3	155133.0	-8226.3	367	9.0	215825.0	-8247.7	73	9.7	41202.0	-8311.6
188	9.9	94000.0	-8219.2	278	9.0	155351.0	-8201.2	368	9.2	215906.0	-8220.5	74	9.2	41521.0	-8312.3
189	8.4	94758.0	-8212.6	279	9.3	155440.0	-8254.9	369	9.8	221802.0	-8204.9	75	9.6	41609.0	-8342.2
190	9.3	94943.0	-8259.5	280	9.5	155804.0	-8228.1	370	9.8	222044.0	-8231.4	76	9.7	42213.0	-8325.6
191	9.8	95118.0	-8220.9	281	7.2	160156.0	-8215.0	371	9.8	222502.0	-8214.9	77	8.9	42430.0	-8324.8
192	10.0	95532.0	-8236.6	282	9.4	160924.0	-8235.9	372	4.3	223307.0	-8202.0	78	9.7	42755.0	-8343.9
193	8.7	95542.0	-8219.1	283	9.2	161632.0	-8201.6	373	9.7	223850.0	-8258.0	79	8.5	42833.0	-8353.9
194	9.6	95626.0	-8254.0	284	7.5	161807.0	-8258.6	374	9.4	225738.0	-8213.2	80	9.5	43000.0	-8347.2
195	9.8	95631.0	-8211.0	285	9.5	162723.0	-8216.5	375	9.5	230935.0	-8235.4	81	9.1	43109.0	-8304.1
196	10.0	95738.0	-8200.9	286	9.3	162751.0	-8258.9	376	9.3	231440.0	-8219.0	82	8.4	43130.0	-8316.8
197	9.6	100152.0	-8221.3	287	9.0	163614.0	-8233.1	377	9.2	232008.0	-8236.7	83	6.8	43732.0	-8310.0
198	9.5	100248.0	-8256.1	288	9.3	164203.0	-8258.9	378	8.9	232903.0	-8247.5	84	9.6	45345.0	-8306.5
199	9.7	100314.0	-8206.7	289	8.0	164351.0	-8207.7	379	8.8	233643.0	-8237.2	85	7.3	45358.0	-8343.3
200	9.8	100315.0	-8216.6	290	9.6	164353.0	-8207.2	380	9.5	233712.0	-8249.4	86	9.0	45812.0	-8318.3
201	9.6	100456.0	-8249.4	291	9.2	164443.0	-8213.5	381	5.1	234441.0	-8242.8	87	9.0	45821.0	-8324.9
202	9.8	100508.0	-8225.6	292	7.8	164636.0	-8212.4	382	9.7	234500.0	-8253.5	88	9.7	50540.0	-8332.1
203	10.0	100656.0	-8235.7	293	9.5	164716.0	-8240.7	383	6.0	235038.0	-8252.0	89	8.8	50651.0	-8313.8
204	9.3	101433.0	-8258.5	294	6.5	170058.0	-8238.6	384	9.0	235820.0	-8202.5	90	9.4	50810.0	-8307.6
205	9.9	101714.0	-8222.1	295	8.9	171005.0	-8219.1	1	9.6	01318.0	-8345.3	91	9.1	50930.0	-8311.1
206	8.6	102051.0	-8216.8	296	9.2	171716.0	-8213.9	2	9.4	01832.0	-8322.5	92	9.2	51344.0	-8307.8
207	9.8	102125.0	-8216.1	297	9.0	172022.0	-8241.9	3	8.1	02304.0	-8349.9	93	9.7	51935.0	-8345.3
208	9.3	102643.0	-8248.1	298	9.4	172112.0	-8207.9	4	9.5	03309.0	-8337.0	94	9.8	52528.0	-8314.2
209	9.6	103004.0	-8234.0	299	9.2	173026.0	-8201.1	5	9.3	03501.0	-8318.4	95	6.8	52634.0	-8359.7
210	9.7	103240.0	-8205.9	300	8.8	173418.0	-8242.0	6	8.5	03649.0	-8343.2	96	8.7	52829.0	-8317.3
211	9.6	103327.0	-8235.0	301	9.4	174038.0	-8255.2	7	9.5	03713.0	-8347.7	97	9.8	53623.0	-8300.9
212	9.8	103402.0	-8254.2	302	9.6	174044.0	-8255.8	8	9.5	04557.0	-8311.1	98	9.3	54938.0	-8355.9
213	9.2	103519.0	-8242.8	303	7.8	175249.0	-8231.5	9	9.5	04858.0	-8335.2	99	9.0	55239.0	-8318.5
214	8.8	103737.0	-8216.3	304	9.2	175512.0	-8256.9	10	9.7	04926.0	-8303.7	100	8.7	55422.0	-8320.0
215	9.0	104013.0	-8227.6	305	9.3	175820.0	-8220.5	11	9.3	05326.0	-8320.8	101	9.6	61403.0	-8312.1
216	9.7	104418.0	-8205.0	306	9.2	180702.0	-8221.5	12	9.3	05420.0	-8333.7	102	9.2	62251.0	-8332.5
217	9.2	105040.0	-8233.1	307	9.3	181152.0	-8218.5	13	9.5	05450.0	-8317.5	103	9.7	62541.0	-8302.5
218	9.5	110041.0	-8240.1	308	8.0	181223.0	-8258.8	14	9.3	05913.0	-8348.8	104	8.2	62652.0	-8342.6
219	9.2	111502.0	-8242.6	309	8.9	182232.0	-8250.6	15	9.3	10236.0	-8303.4	105	8.8	62746.0	-8328.0
220	9.5	112035.0	-8245.1	310	9.6	182418.0	-8240.4	16	8.2	10334.0	-8355.5	106	9.2	62809.0	-8331.1
221	9.5	112129.0	-8244.0	311	9.3	183139.0	-8241.9	17	8.7	10740.0	-8334.2	107	9.5	63517.0	-8302.2
222	8.7	112922.0	-8247.6	312	9.0	183541.0	-8242.2	18	9.6	11013.0	-8357.1	108	8.4	63949.0	-8306.8
223	9.1	113313.0	-8222.7	313	9.6	183848.0	-8252.6	19	9.2	11124.0	-8312.4	109	9.6	64102.0	-8341.9
224	7.0	113640.0	-8224.4	314	9.6	183904.0	-8242.8	20	9.6	11329.0	-8342.1	110	9.3	64350.0	-8343.9
225	9.5	114432.0	-8240.8	315	8.2	183924.0	-8239.4	21	9.5	11659.0	-8329.9	111	9.5	65221.0	-8303.4

112	9.4	65419.0	-8351.5	202	8.0	154123.0	-8352.4	292	6.8	222415.0	-8353.9	76	8.8	73035.0	-8447.5
113	7.5	70509.0	-8349.6	203	8.9	154459.0	-8327.3	293	9.5	223808.0	-8352.6	77	7.5	73138.0	-8413.5
114	9.1	71152.0	-8356.3	204	9.5	154552.0	-8330.0	294	8.6	223815.0	-8321.8	78	9.3	74249.0	-8416.9
115	7.6	71719.0	-8333.1	205	8.7	154619.0	-8346.8	295	7.8	224947.0	-8322.5	79	8.9	74406.0	-8403.6
116	9.2	71959.0	-8341.6	206	9.5	155115.0	-8339.8	296	7.4	225722.0	-8304.1	80	9.6	74923.0	-8401.8
117	9.5	72119.0	-8339.7	207	8.4	155209.0	-8346.1	297	7.4	225729.0	-8304.8	81	9.8	81042.0	-8453.8
118	9.6	72647.0	-8332.4	208	9.7	155705.0	-8301.1	298	9.7	230020.0	-8325.8	82	9.8	81420.0	-8449.1
119	8.7	73055.0	-8340.7	209	9.0	160001.0	-8309.5	299	9.5	232003.0	-8312.9	83	9.8	82328.0	-8450.4
120	9.7	74411.0	-8319.7	210	9.4	160308.0	-8335.9	300	9.1	232356.0	-8312.7	84	8.0	82630.0	-8403.0
121	9.2	75412.0	-8319.9	211	8.6	160414.0	-8317.7	301	9.1	232537.0	-8301.7	85	9.6	83131.0	-8424.9
122	9.6	80534.0	-8326.0	212	9.1	160437.0	-8316.1	302	8.8	233415.0	-8349.5	86	9.6	83330.0	-8437.1
123	8.8	80823.0	-8322.4	213	8.9	160851.0	-8315.9	303	8.0	233543.0	-8311.9	87	8.8	83658.0	-8439.7
124	9.6	81134.0	-8314.5	214	9.3	161221.0	-8359.5	304	8.9	234002.0	-8306.5	88	9.1	84702.0	-8414.4
125	9.6	81823.0	-8330.7	215	9.4	161423.0	-8340.9	305	7.5	234613.0	-8342.2	89	9.5	85756.0	-8408.4
126	9.4	82725.0	-8350.2	216	9.1	162203.0	-8328.8	306	8.0	234938.0	-8340.7	90	9.0	91234.0	-8417.6
127	8.9	83017.0	-8359.4	217	9.3	163229.0	-8334.5	1	8.9	00002.0	-8447.6	91	8.9	91547.0	-8439.6
128	9.0	83244.0	-8338.9	218	9.4	163448.0	-8346.9	2	9.3	00231.0	-8448.1	92	8.2	92619.0	-8405.5
129	9.6	83343.0	-8347.9	219	9.5	163651.0	-8331.1	3	9.0	00323.0	-8407.6	93	8.6	92734.0	-8406.8
130	8.8	84032.0	-8355.9	220	9.0	163724.0	-8330.4	4	9.6	01517.0	-8418.4	94	7.7	92824.0	-8407.4
131	8.5	84200.0	-8339.2	221	9.5	164823.0	-8308.2	5	9.2	01732.0	-8426.2	95	9.6	93702.0	-8425.5
132	9.7	84810.0	-8322.8	222	9.3	164923.0	-8330.9	6	8.8	02836.0	-8415.0	96	9.4	94327.0	-8406.9
133	9.5	85829.0	-8300.7	223	9.5	165555.0	-8338.9	7	9.8	03445.0	-8440.2	97	9.9	94704.0	-8407.4
134	9.7	90223.0	-8300.2	224	9.6	170530.0	-8332.9	8	8.6	03653.0	-8446.4	98	9.3	100052.0	-8457.0
135	9.6	90849.0	-8304.9	225	9.6	171306.0	-8340.0	9	9.6	03916.0	-8424.4	99	9.5	100831.0	-8410.6
136	9.8	91121.0	-8321.8	226	8.0	172800.0	-8310.8	10	9.6	03934.0	-8426.0	100	9.5	101245.0	-8435.3
137	9.8	91510.0	-8328.3	227	9.5	173716.0	-8324.7	11	8.7	04540.0	-8441.0	101	9.3	101452.0	-8446.0
138	9.7	91557.0	-8327.7	228	9.3	173956.0	-8306.9	12	8.9	04636.0	-8453.6	102	9.1	101548.0	-8428.2
139	9.5	91600.0	-8315.6	229	8.9	174332.0	-8324.5	13	9.2	04642.0	-8411.9	103	9.7	101919.0	-8428.2
140	9.0	91931.0	-8350.1	230	9.1	175119.0	-8303.7	14	8.0	04923.0	-8425.4	104	9.5	102346.0	-8450.4
141	9.3	91947.0	-8349.4	231	9.2	175614.0	-8309.6	15	9.6	04945.0	-8406.2	105	9.2	102849.0	-8444.2
142	8.6	92019.0	-8313.1	232	8.0	182008.0	-8340.4	16	9.6	05917.0	-8450.9	106	9.2	102957.0	-8412.1
143	9.6	92107.0	-8301.1	233	6.8	182156.0	-8325.6	17	9.4	10149.0	-8445.6	107	9.0	103820.0	-8444.6
144	9.8	92226.0	-8335.1	234	6.6	182745.0	-8333.1	18	7.6	10608.0	-8415.5	108	8.4	103900.0	-8437.9
145	9.9	92753.0	-8326.2	235	9.5	183058.0	-8301.4	19	9.7	12107.0	-8404.5	109	9.4	104104.0	-8438.6
146	8.8	94141.0	-8357.5	236	9.6	183233.0	-8346.1	20	9.6	14015.0	-8442.2	110	8.3	104156.0	-8432.4
147	9.9	94237.0	-8326.7	237	9.6	183549.0	-8301.9	21	9.5	15718.0	-8435.2	111	9.6	104532.0	-8459.5
148	9.9	94343.0	-8323.6	238	7.5	184141.0	-8339.1	22	9.6	20124.0	-8446.1	112	9.3	105745.0	-8413.6
149	9.7	94817.0	-8323.8	239	9.4	184229.0	-8356.3	23	9.6	20610.0	-8453.1	113	8.9	111952.0	-8439.8
150	9.7	95731.0	-8335.9	240	9.0	184542.0	-8356.2	24	9.7	23716.0	-8455.1	114	8.4	112330.0	-8416.1
151	8.5	95959.0	-8349.6	241	9.5	185218.0	-8357.9	25	9.5	24510.0	-8450.5	115	9.3	112702.0	-8416.2
152	9.0	100156.0	-8303.5	242	8.0	185455.0	-8351.0	26	9.7	25602.0	-8410.9	116	9.0	112758.0	-8408.0
153	9.4	100537.0	-8320.8	243	9.5	191157.0	-8354.7	27	9.3	25626.0	-8409.1	117	9.5	113140.0	-8425.8
154	8.5	101116.0	-8328.5	244	9.5	191618.0	-8302.3	28	9.2	25852.0	-8407.3	118	8.0	113434.0	-8447.7
155	9.0	101653.0	-8327.4	245	8.0	192121.0	-8312.5	29	9.0	25929.0	-8425.2	119	8.6	114238.0	-8424.8
156	9.9	101832.0	-8343.5	246	9.0	192811.0	-8348.9	30	9.5	25952.0	-8447.5	120	5.9	115608.0	-8456.2
157	9.5	102413.0	-8321.5	247	9.6	193242.0	-8305.2	31	8.8	30110.0	-8404.3	121	9.5	115617.0	-8456.5
158	9.2	102718.0	-8317.6	248	9.3	193502.0	-8344.1	32	9.6	31002.0	-8429.9	122	9.2	120711.0	-8421.8
159	9.0	103013.0	-8342.5	249	9.4	193639.0	-8345.9	33	9.8	31531.0	-8442.7	123	9.2	121257.0	-8451.9
160	9.2	103150.0	-8329.7	250	9.1	194154.0	-8312.2	34	9.7	31708.0	-8418.0	124	9.4	121310.0	-8419.0
161	9.3	103422.0	-8334.4	251	8.5	194324.0	-8308.5	35	9.1	32034.0	-8459.2	125	8.6	121918.0	-8453.3
162	9.8	104114.0	-8314.4	252	9.5	195200.0	-8336.7	36	9.2	32327.0	-8458.0	126	8.8	122542.0	-8410.9
163	8.8	105737.0	-8348.5	253	6.3	195756.0	-8341.2	37	8.4	32410.0	-8437.0	127	5.5	124205.0	-8426.6
164	6.4	110005.0	-8355.4	254	9.1	200521.0	-8349.7	38	9.5	32425.0	-8407.7	128	9.2	125047.0	-8441.8
165	9.5	110629.0	-8345.4	255	9.6	201647.0	-8310.8	39	9.2	35300.0	-8433.0	129	8.6	125940.0	-8453.7
166	8.8	110729.0	-8345.5	256	8.2	203619.0	-8336.8	40	9.3	35415.0	-8434.0	130	9.5	133446.0	-8436.7
167	9.2	111808.0	-8305.7	257	9.8	204004.0	-8342.6	41	8.0	35907.0	-8427.4	131	8.9	134338.0	-8410.7
168	9.2	111850.0	-8339.3	258	9.6	204101.0	-8349.6	42	9.7	40645.0	-8432.3	132	9.4	140125.0	-8400.3
169	8.8	112714.0	-8324.4	259	9.3	204330.0	-8347.4	43	9.8	42538.0	-8452.2	133	9.3	141212.0	-8409.7
170	9.7	114413.0	-8328.7	260	9.3	204646.0	-8332.8	44	9.5	43230.0	-8419.5	134	9.1	141253.0	-8444.1
171	7.7	120359.0	-8304.9	261	9.3	204736.0	-8332.6	45	7.2	43426.0	-8446.4	135	9.4	141720.0	-8401.1
172	8.9	120944.0	-8335.8	262	9.6	204911.0	-8347.9	46	7.2	43510.0	-8427.8	136	9.5	142223.0	-8421.7
173	7.0	122003.0	-8306.6	263	9.0	204924.0	-8349.6	47	9.4	44645.0	-8420.5	137	9.5	142358.0	-8459.0
174	9.3	122205.0	-8348.1	264	9.5	205029.0	-8349.9	48	9.5	44716.0	-8406.3	138	9.0	142621.0	-8413.7
175	8.6	122609.0	-8335.1	265	7.8	205230.0	-8346.0	49	9.6	45343.0	-8441.2	139	9.1	142742.0	-8400.9
176	9.4	123051.0	-8303.8	266	7.4	205926.0	-8343.3	50	9.1	45411.0	-8436.3	140	9.0	142931.0	-8441.0
177	9.5	123052.0	-8347.8	267	9.3	205953.0	-8347.8	51	9.7	50006.0	-8417.2	141	8.9	144350.0	-8440.0
178	9.1	130145.0	-8347.8	268	9.6	210345.0	-8306.1	52	9.8	51249.0	-8437.4	142	6.5	144418.0	-8417.4
179	9.4	130840.0	-8356.9	269	9.0	210603.0	-8342.1	53	9.1	51257.0	-8402.2	143	9.5	145640.0	-8423.2
180	9.3	131429.0	-8335.3	270	7.4	210948.0	-8334.1	54	9.6	51645.0	-8436.3	144	9.6	145719.0	-8421.7
181	8.9	131620.0	-8306.4	271	6.8	211317.0	-8313.4	55	9.5	51908.0	-8410.5	145	9.4	150540.0	-8409.4
182	9.5	132346.0	-8348.7	272	9.6	211723.0	-8355.2	56	9.8	51942.0	-8430.1	146	9.4	150747.0	-8402.4
183	8.2	132347.0	-8316.1	273	9.5	212113.0	-8331.0	57	8.6	53121.0	-8424.0	147	9.4	151139.0	-8419.4
184	9.3	132610.0	-8311.2	274	8.3	212253.0	-8337.9	58	9.6	54024.0	-8446.3	148	6.5	151449.0	-8402.6
185	9.4	133941.0	-8325.3	275	7.0	213038.0	-8300.2	59	9.4	54359.0	-8429.1	149	9.3	152334.0	-8416.1
186	8.9	134127.0	-8352.0	276	5.4	213130.0	-8317.4	60	9.5	54531.0	-8451.0	150	9.5	152908.0	-8409.2
187	7.6	135304.0	-8356.8	277	9.5	213143.0	-8358.9	61	9.6	54622.0	-8416.1	151	9.3	155324.0	-8407.8
188	9.4	140244.0	-8325.4	278	9.5	213145.0	-8337.4	62	9.8	55346.0	-8418.0	152	9.0	160256.0	-8439.0
189	4.2	140708.0	-8305.5	279	9.0	213431.0	-8313.7	63	6.2	55428.0	-8450.5	153	9.0	160808.0	-8442.1
190	8.2	141421.0	-8335.2	280	8.5	213721.0	-8337.1	64	9.2	55520.0	-8457.5	154	9.2	161446.0	-8458.9
191	9.5	143337.0	-8337.7	281	8.8	214004.0	-8320.5	65	9.2	55524.0	-8421.4	155	8.9	161929.0	-8445.5
192	9.6	143520.0	-8354.9	282	9.0	214521.0	-8314.2	66	9.7	55616.0	-8400.6	156	9.3	162043.0	-8403.9
193	8.7	144201.0	-8308.5	283	9.0	215038.0	-8314.2	67	9.5	55755.0	-8402.1	157	8.5	162958.0	-8405.0
194	8.6	144540.0	-8324.8	284	7.4	215110.0	-8357.7	68	9.0	60202.0	-8436.3	158	8.7	163057.0	-8404.3
195	9.5	144934.0	-8311.8	285	9.5	215358.0	-8359.1	69	9.6	60453.0	-8420.6	159	9.2	163241.0	-8427.2
196	9.5	145202.0	-8301.3	286	9.6	215429.0	-8313.1	70	9.1	60455.0	-8406.9	160	9.5	164849.0	-8420.8
197	9.4	145317.0	-8335.9	287	9.7	220148.0	-8302.2	71	8.5	60750.0	-8455.0	161	9.4	165950.0	-8434.1
198	9.1	150640.0	-8315.8	288	9.3	220305.0	-8315.1	72	9.7	62050.0	-8411.9	162	9.5	170435.0	-8426.3
199	9.4	151411.0	-8355.4	289	9.6	220812.0	-8306.9	73	8.5	63618.0	-8459.6	163	9.5	171558.0	-8449.0
200	9.6	153054.0	-8308.6	290	9.7	222058.0	-8350.1	74	9.2	64801.0	-8434.2	164	9.3	171808.0	-8451.0
201	8.6	153740.0	-8324.4	291	8.1	222354.0	-8327.6	75	9.5	65714.0	-8405.8	165	8.3	171846.0	-8402.1

166	9.5	172516.0	-8400.6	26	9.6	23346.0	-8506.6	116	8.8	133204.0	-8519.9	6	8.2	04603.0	-8634.5
167	9.0	172607.0	-8421.3	27	9.8	24202.0	-8503.7	117	9.0	134642.0	-8513.8	7	9.2	04629.0	-8657.7
168	9.1	173642.0	-8413.9	28	7.5	25123.0	-8532.6	118	9.2	140731.0	-8516.0	8	9.8	10835.0	-8621.9
169	9.3	174817.0	-8446.0	29	8.4	30216.0	-8540.0	119	8.0	141856.0	-8551.0	9	9.3	11625.0	-8620.7
170	9.5	175033.0	-8446.4	30	8.6	30608.0	-8515.5	120	9.3	142335.0	-8537.4	10	9.7	12606.0	-8618.2
171	6.4	175317.0	-8425.1	31	9.6	32007.0	-8510.5	121	9.3	142724.0	-8503.0	11	9.4	13134.0	-8645.2
172	9.5	180647.0	-8417.8	32	9.0	32505.0	-8543.9	122	8.3	143019.0	-8557.2	12	9.8	14519.0	-8655.1
173	9.2	181012.0	-8448.8	33	9.8	32640.0	-8500.1	123	9.4	143356.0	-8523.2	13	9.3	14534.0	-8634.1
174	8.4	182523.0	-8431.8	34	8.2	34639.0	-8507.5	124	9.3	143543.0	-8549.0	14	9.6	14557.0	-8650.9
175	7.6	182949.0	-8404.7	35	8.8	34748.0	-8542.0	125	9.5	143725.0	-8533.3	15	9.7	14641.0	-8647.1
176	9.5	183457.0	-8401.7	36	8.9	35908.0	-8501.5	126	9.3	143733.0	-8547.6	16	9.5	15117.0	-8619.1
177	9.2	184041.0	-8404.1	37	9.1	40220.0	-8534.0	127	9.5	144020.0	-8502.0	17	9.1	15411.0	-8625.0
178	9.1	184137.0	-8458.6	38	6.5	40557.0	-8537.6	128	9.7	144213.0	-8551.9	18	9.7	15918.0	-8643.7
179	9.0	184308.0	-8425.0	39	9.7	43636.0	-8503.5	129	8.9	144818.0	-8511.7	19	9.1	21626.0	-8646.7
180	9.5	184509.0	-8417.4	40	9.6	43730.0	-8502.6	130	9.6	150636.0	-8526.1	20	9.4	21945.0	-8646.7
181	8.0	185308.0	-8455.8	41	9.7	43750.0	-8508.4	131	9.3	151322.0	-8540.0	21	9.4	22825.0	-8616.0
182	9.3	185335.0	-8412.4	42	9.6	44500.0	-8507.6	132	9.5	152728.0	-8546.7	22	9.1	23805.0	-8620.5
183	8.9	185640.0	-8436.1	43	9.0	45223.0	-8502.5	133	9.5	154113.0	-8541.0	23	7.8	23936.0	-8616.2
184	8.8	190243.0	-8418.5	44	9.5	45817.0	-8552.9	134	8.7	154711.0	-8503.5	24	9.6	24458.0	-8647.4
185	8.6	190522.0	-8456.0	45	9.5	50319.0	-8553.0	135	8.5	155346.0	-8511.6	25	9.8	30024.0	-8615.9
186	9.5	191536.0	-8445.5	46	9.4	50538.0	-8511.5	136	8.6	161042.0	-8515.5	26	8.1	30345.0	-8622.0
187	9.3	192143.0	-8439.3	47	8.8	50716.0	-8500.3	137	8.8	162457.0	-8559.0	27	9.7	30950.0	-8652.3
188	9.6	192653.0	-8401.4	48	8.9	51453.0	-8541.8	138	9.3	162610.0	-8503.8	28	9.0	31839.0	-8654.7
189	8.5	192808.0	-8405.2	49	9.3	51459.0	-8521.2	139	9.2	162701.0	-8515.8	29	9.2	32545.0	-8606.0
190	9.4	192810.0	-8441.4	50	8.6	51805.0	-8532.5	140	9.0	162923.0	-8524.1	30	9.6	33217.0	-8616.0
191	9.3	193200.0	-8455.0	51	9.5	52134.0	-8549.7	141	9.5	165046.0	-8501.0	31	9.6	34257.0	-8605.1
192	9.6	194557.0	-8426.3	52	9.8	52331.0	-8542.9	142	9.5	170649.0	-8543.4	32	9.2	34405.0	-8600.1
193	9.7	200403.0	-8429.5	53	9.8	52436.0	-8505.4	143	9.0	171122.0	-8545.0	33	9.6	34634.0	-8638.7
194	9.5	200511.0	-8445.4	54	9.8	52837.0	-8518.2	144	9.7	172056.0	-8530.2	34	9.2	34931.0	-8633.0
195	9.0	200708.0	-8406.5	55	8.8	53020.0	-8537.1	145	7.0	172212.0	-8509.3	35	8.7	35302.0	-8620.8
196	7.1	201227.0	-8449.6	56	8.7	53144.0	-8510.5	146	9.3	172805.0	-8523.2	36	9.2	35824.0	-8630.3
197	8.5	201909.0	-8407.1	57	9.1	53710.0	-8509.4	147	9.1	172827.0	-8529.2	37	9.4	41055.0	-8633.6
198	9.6	202758.0	-8418.3	58	9.5	54139.0	-8531.9	148	9.2	173014.0	-8503.2	38	9.6	41916.0	-8627.9
199	8.6	203055.0	-8419.8	59	8.9	54239.0	-8546.9	149	9.6	173823.0	-8526.0	39	9.5	42942.0	-8628.9
200	8.6	204102.0	-8424.2	60	9.7	55940.0	-8537.5	150	8.9	175456.0	-8545.5	40	9.0	43139.0	-8639.9
201	8.0	205457.0	-8449.1	61	9.5	60538.0	-8522.2	151	9.4	175756.0	-8503.6	41	9.4	43306.0	-8640.3
202	8.3	205705.0	-8447.0	62	9.6	61053.0	-8507.8	152	9.6	181024.0	-8534.9	42	7.9	43621.0	-8632.5
203	9.6	205714.0	-8406.1	63	6.7	61244.0	-8555.5	153	8.3	181522.0	-8540.5	43	8.4	44429.0	-8628.1
204	9.6	211251.0	-8434.4	64	9.6	62004.0	-8524.3	154	9.4	181555.0	-8539.9	44	9.7	50031.0	-8647.2
205	9.5	211940.0	-8441.7	65	9.4	62333.0	-8553.8	155	9.5	182839.0	-8500.2	45	8.6	50820.0	-8632.9
206	9.6	212302.0	-8420.0	66	9.0	63055.0	-8537.9	156	8.7	190116.0	-8514.6	46	9.7	50906.0	-8600.7
207	7.6	212819.0	-8431.8	67	9.6	63313.0	-8528.0	157	9.2	191611.0	-8508.3	47	9.8	51116.0	-8606.6
208	9.4	213432.0	-8415.5	68	9.5	71527.0	-8533.8	158	9.0	192727.0	-8513.8	48	9.5	52122.0	-8604.7
209	9.0	213528.0	-8418.2	69	9.7	72304.0	-8512.4	159	9.5	194115.0	-8536.2	49	9.7	53133.0	-8643.5
210	9.6	213731.0	-8408.2	70	8.7	73208.0	-8545.0	160	9.0	201401.0	-8530.5	50	9.9	55405.0	-8603.1
211	9.0	214034.0	-8432.4	71	9.6	74208.0	-8519.4	161	9.6	201537.0	-8524.9	51	9.5	55854.0	-8650.8
212	9.1	215036.0	-8430.9	72	9.1	74854.0	-8559.2	162	9.0	202154.0	-8554.3	52	9.5	60407.0	-8626.2
213	8.3	220827.0	-8408.6	73	9.4	74906.0	-8516.8	163	9.5	202731.0	-8553.5	53	8.5	62614.0	-8603.0
214	9.5	221222.0	-8414.3	74	8.8	80004.0	-8507.1	164	9.2	202933.0	-8516.1	54	9.4	62912.0	-8652.9
215	9.5	222337.0	-8442.8	75	9.4	80320.0	-8505.8	165	9.5	203050.0	-8528.4	55	9.2	62956.0	-8621.6
216	8.8	222356.0	-8446.8	76	9.1	80358.0	-8522.8	166	8.8	203253.0	-8509.5	56	9.3	63237.0	-8614.8
217	9.5	222551.0	-8406.6	77	8.6	80758.0	-8534.9	167	9.4	203613.0	-8511.0	57	9.7	63355.0	-8609.7
218	9.6	222917.0	-8428.3	78	9.4	82532.0	-8518.5	168	7.0	204700.0	-8542.0	58	9.4	64547.0	-8642.5
219	9.5	222929.0	-8458.2	79	9.8	83732.0	-8530.7	169	7.8	205051.0	-8515.4	59	7.5	73006.0	-8649.1
220	7.8	222944.0	-8423.6	80	9.6	84647.0	-8521.7	170	8.4	205254.0	-8547.9	60	9.0	73121.0	-8643.2
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33	9.5	65518.0	-8756.4	2	8.8	02114.0	-8821.7								

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13. ABSTRACT *(Maximum 200 words)*

The "Cordoba Durchmusterung" (CD, Thome 1892-1932) is a visual survey of southern stars in the declination zones -22 to -89 deg, carried out as an extension to the "Bonner Durchmusterung" (BD) catalogs of Argelander (1859-1862) (see also Kuestner, 1903) and Schoenfeld (1886). This volume covers the declination range -40° through -49°. The survey was performed using techniques similar to those used for the BD; i.e., the stars were cataloged by allowing the telescope to drift along the mean declination of each zone and recording the positions and magnitudes of stars crossing the transit line of the field. The goal of the survey was to obtain a position and estimated visual magnitude for every star down to 10.0 magnitude inclusive, but the faint limit was confirmed from comparisons with other catalogs, to be somewhat below 10. The positions are given to 0.1^s in right ascension and 0.1′ in declination for the equinox 1875. The positional uncertainties quoted in the original publications are ±0.42^s and ±0.23′ for zones -22° to -32°.

A list of all corrections made to the original data as a result of published corrigenda is presented. No other corrections or changes have been incorporated into the original data, e.g., from more modern positions and magnitudes or comparison with the "Cape Photographic Durchmusterung" (Gill and Kapteyn, 1895-1900).

14. SUBJECT TERMS

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